Topology Analysis *
(v1.6.5)

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*This package is implemented with reference to a program called Topo, which is developed by Prof. Shuxian Du from Zhengzhou University in China and has been widely used by people in BESIII collaboration. Several years ago, when I was a PhD student working on BESIII experiment, I learned the idea of topology analysis and a lot of programming techniques from the Topo program. So, I really appreciate Prof. Du's original work very much. To meet my own needs and to practice developing analysis tools with C++, ROOT and LaTex, I wrote the package from scratch. At that time, the package functioned well but was relatively simple. At the end of last year (2017), my co-supervisor, Prof. Chengping Shen reminded me that it could be a useful tool for Belle II experiment as well. So, I revised and extended it, making it more well-rounded and suitable for Belle II experiment. Here, I would like to thank Prof. Du for his orignial work, Prof. Shen for his suggestion and encouragement, and Xian Xiong, Wencheng Yan, Sen Jia, Yubo Li, Suxian Li, Longke Li, Guanda Gong, Junhao Yin, Xiaoping Qin, Xiqing Hao, HongPeng Wang, JiaWei Zhang, Yeqi Chen and Runqiu Ma for their efforts in helping me test the program.

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Table 1: Decay trees and their respective initial-final states.

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}\bar{D}^{*-})$	122	122	98	98
2	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-})$	1180	1179	88	186
3	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}\bar{D}^{*-})$	691	690	84	270
4	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}\bar{D}^{*-})$	95	95	84	354
5	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^- D^{*+})$	1105	1104	39	393
6	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+\bar{D}^{*-})$	587	586	39	432
7	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^- D^{*+})$	364	364	37	469
8	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	521	521	37	506
9	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_s^{*+})$	2035	2029	37	543
10	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+\bar{D}^{*-})$	1934	1928	36	579
11	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+\bar{D}^{*-})$	401	401	34	613
12	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^- D^{*+})$	514	514	31	644
13	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^- D^{*+})$	2108	2102	31	675
14	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+\bar{D}^{*-})$	3970	3958	31	706
15	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}D_s^{*+})$	18	18	30	736
16	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-})$	2213	2207	28	764
17	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	846	845	28	792

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	8	8	27	819
19	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	534	534	27	846
20	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}a_1^+)$	742	741	26	872
21	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	1913	1907	23	895
22	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_s^{*-})$	2897	2890	23	918
23	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-})$	1260	1259	23	941
24	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+D^-)$	866	865	21	962
25	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}D_s^{*-})$	2336	2330	21	983
26	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D^{*+})$	120	120	20	1003
27	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+D^-)$	5056	5038	20	1023
28	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^{*+}\bar{D}^{*-}D^{*0})$	574	573	19	1042
29	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^{*+}\bar{D}^{*-}D^{*0})$	2969	2961	19	1061
30	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^{*+}\bar{D}^{*-})$	407	407	19	1080
31	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_{s1}'^+)$	224	224	19	1099
32	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^-D^{*+})$	1274	1273	18	1117
33	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1779	1773	18	1135
34	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}a_1^-)$	3229	3220	18	1153

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
35	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	945	944	18	1171
36	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	813	812	18	1189
37	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D^-)$	3453	3443	17	1206
38	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^-D^{*+})$	1977	1971	17	1223
39	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}a_1^-)$	3990	3978	17	1240
40	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^{*+}D_1^-)$	1451	1448	17	1257
41	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_s^+)$	658	657	16	1273
42	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}D_{s1}'^+)$	114	114	16	1289
43	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-})$	1624	1619	16	1305
44	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+D^{*+}\bar{D}^{*-})$	1699	1694	15	1320
45	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}D_{s1}'^-)$	388	388	15	1335
46	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}a_1^+)$	129	129	15	1350
47	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	1273	1272	15	1365
48	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}\bar{D}^{*-})$	5810	5787	15	1380
49	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}\bar{D}^{*-})$	9076	9005	15	1395
50	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}\bar{D}^{*-})$	972	971	14	1409
51	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^-D^{*+})$	4638	4622	14	1423

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
52	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+\bar{D}^{*-})$	1284	1282	14	1437
53	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^-D^{*+}D_s^{*-})$	5587	5565	14	1451
54	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}\bar{D}^{*-})$	1764	1758	14	1465
55	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\bar{D}^{*-}D_1^+)$	1003	1002	14	1479
56	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^-D^{*+})$	1013	1012	13	1492
57	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^+\bar{D}^{*-})$	1079	1078	13	1505
58	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+\bar{D}^{*-})$	1457	1454	13	1518
59	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D^{*+}\bar{D}^{*-})$	119	119	13	1531
60	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_1^-)$	4066	4054	13	1544
61	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\bar{D}^{*-}D_1^+)$	27	27	13	1557
62	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_1^-)$	159	159	13	1570
63	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-}\bar{D}^{*-})$	5319	5298	13	1583
64	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\bar{D}^{*-}D_1'^+)$	2700	2694	13	1596
65	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-})$	5800	5777	13	1609
66	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+})$	202	202	13	1622
67	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	6949	6913	13	1635
68	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}D_s^-)$	404	404	13	1648

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
69	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^+\bar{D}^{*-})$	4191	4178	12	1660
70	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^{*+} D^{*+}\bar{D}^{*-})$	1676	1671	12	1672
71	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_s^{*-})$	4654	4638	12	1684
72	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^+ D^{*+}\bar{D}^{*-}D^{*0})$	918	917	12	1696
73	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^{*+}\bar{D}^{*-})$	1724	1718	12	1708
74	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\bar{D}^{*-}D_1^+)$	3283	3274	12	1720
75	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_s^{*+})$	5597	5575	12	1732
76	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^- D^- D^{*+}\bar{D}^{*0})$	225	225	12	1744
77	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^- D^{*+}D_s^{*+})$	1559	1556	12	1756
78	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+ D^-)$	6652	6618	12	1768
79	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	1848	1842	12	1780
80	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+ D^{*+}\bar{D}^{*-})$	343	343	12	1792
81	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^{*+}\bar{D}^{*-})$	9220	9146	12	1804
82	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^+\bar{D}^{*-})$	11425	11312	12	1816
83	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	5309	5288	11	1827
84	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^{*+}\bar{D}^{*-})$	3479	3469	11	1838
85	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^- D_1^+)$	3891	3879	11	1849

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
86	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}D_s^+)$	979	978	11	1860
87	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	3977	3965	11	1871
88	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D^{*+})$	995	994	11	1882
89	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_s^{*-})$	6513	6480	11	1893
90	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	3066	3058	11	1904
91	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}D_s^{*+})$	398	398	11	1915
92	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-D^{*+}\bar{D}^{*-})$	292	292	11	1926
93	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^{*+}\bar{D}^{*-})$	3335	3326	11	1937
94	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^-D^+\bar{D}^{*-})$	1025	1024	11	1948
95	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\bar{D}^{*-}D_1'^+)$	2144	2138	10	1958
96	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	540	540	10	1968
97	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}D_s^{*-})$	2233	2227	10	1978
98	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_s^{*+})$	2309	2303	10	1988
99	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^0D_s^+)$	5350	5329	10	1998
100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*+}D_s^{*-})$	720	719	10	2008
101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-})$	2395	2389	10	2018
102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^-D^{*+}D^{*+})$	5612	5590	10	2028

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}D_1^-)$	2567	2561	10	2038
104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_s^{*+}D_1^-)$	346	346	10	2048
105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}a_1^+)$	901	900	10	2058
106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-D^{*+}\bar{D}^{*-})$	2942	2935	10	2068
107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^+\bar{D}^{*-}D^{*0})$	6727	6692	10	2078
108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	1553	1550	10	2088
109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+\bar{D}^{*-}D^{*0})$	7861	7813	10	2098
110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+e^+\nu_e\nu_e D^-\bar{D}^{*-})$	9073	9003	10	2108
111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-})$	4453	4439	10	2118
112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0D^+D^{*+}\bar{D}^{*-})$	4553	4235	10	2128
113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_{s1}'^+)$	1045	1044	10	2138
114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+\bar{D}^{*-})$	2434	2428	9	2147
115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_s^+)$	2459	2453	9	2156
116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e D^{*+}D^{*+})$	1356	1354	9	2165
117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}a_1^-)$	3704	3693	9	2174
118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*-}D_s^{*+})$	5493	5471	9	2183
119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	5571	5549	9	2192

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}a_1^-)$	2666	2660	9	2201
121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	2184	2178	9	2210
122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_2^{*-})$	2893	2886	9	2219
123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	5747	5725	9	2228
124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	1050	1049	9	2237
125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	275	275	9	2246
126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	6345	6315	9	2255
127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-}D_1^+)$	4110	4097	9	2264
128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+\bar{D}^{*-})$	4177	4164	9	2273
129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_1'^-)$	125	125	9	2282
130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D^{*+})$	3010	3002	9	2291
131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^-D^-D^{*+}\bar{D}^{*0})$	2320	2314	9	2300
132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}a_1^+D_{s1}'^-)$	8025	7970	9	2309
133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_s^{*-})$	8220	8160	9	2318
134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}a_1^+)$	8831	8765	9	2327
135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_s^-)$	4578	4562	9	2336
136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_s^-)$	4587	4571	9	2345

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^- D^{*+})$	36	36	9	2354
138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*+} D'^-_{s1}$ $(e^+e^- \to \mu^+\nu_\mu D^- D^{*+} D'^-_{s1})$	1611	1607	9	2363
139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-} D_s^{*-})$	11902	11781	9	2372
140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^- D^{*+})$	18981	18716	9	2381
141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^{*+} D^{*+}\bar{D}^{*-})$	5331	5310	8	2389
142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D'^-_{s1}$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-} D'^-_{s1})$	882	881	8	2397
143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-} D_2^{*+} D_s^{*-})$	3496	3486	8	2405
144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-} a_1^+)$	3622	3611	8	2413
145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ D^- D_s^+)$	1095	1094	8	2421
146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+} D_s^+)$	1001	1000	8	2429
147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^{*+} D_1^-)$	1138	1137	8	2437
148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^- D^{*+})$	2658	2652	8	2445
149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^- D^{*+} D_s^+)$	1578	1575	8	2453
150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-} a_1^-)$	2672	2666	8	2461
151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D'^+_1$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-} D'^+_1)$	6264	6235	8	2469
152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-} D^0 D_s^-)$	335	335	8	2477
153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- D^{*+}\bar{D}^{*-})$	6486	6453	8	2485

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	4135	4122	8	2493
155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+}D^{*+})$	2036	2030	8	2501
156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_2^{*-}D_s^{*+})$	582	581	8	2509
157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	1644	1639	8	2517
158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^+D^-)$	6999	6962	8	2525
159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^+\bar{D}^{*-})$	7664	7620	8	2533
160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}\bar{D}^{*-})$	1016	1015	8	2541
161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-D^{*+}\bar{D}^{*-})$	500	500	8	2549
162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_1^+)$	2220	2214	8	2557
163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}D_2^{*-})$	3169	3161	8	2565
164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-\bar{D}^{*-})$	26	26	8	2573
165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^{*+}\bar{D}^{*-}D^0)$	5022	5005	8	2581
166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-\bar{D}^{*-})$	5030	26	8	2589
167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+D^+\bar{D}^{*-})$	9753	9671	8	2597
168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	1733	1727	8	2605
169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}\bar{n}p)$	11521	11407	8	2613
170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}a_1^+)$	11849	11729	8	2621

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*-})$	1745	1739	8	2629
172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_0^{*-})$	11953	11830	8	2637
173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*+}D_s^-)$	17945	17695	8	2645
174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}a_1^+)$	553	552	8	2653
175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	342	342	7	2660
176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\bar{D}^{*-})$	6060	6034	7	2667
177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^-D^{*+}D^{*0})$	3155	3147	7	2674
178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_{s1}'^-)$	4345	4331	7	2681
179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^+\bar{D}^{*-})$	2008	2002	7	2688
180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^+D^{*+}D_s^-)$	864	863	7	2695
181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^-a_1^+)$	453	453	7	2702
182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^-D_1^+)$	463	463	7	2709
183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-})$	3401	3392	7	2716
184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-}D_2^{*+})$	3429	3419	7	2723
185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	7479	7436	7	2730
186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	4954	884	7	2737
187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}D^{*+}\bar{D}^{*-})$	4990	4973	7	2744

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	885	884	7	2751
189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^+ D^-)$	308	308	7	2758
190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^- D^+\bar{D}^{*-})$	8723	8657	7	2765
191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 K^+ D^- D^{*+})$	1784	1778	7	2772
192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-} D_s^{*+} D_s^{*-})$	2688	2682	7	2779
193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to e^+\nu_e D^{*+} D_1^- a_1^-)$	599	598	7	2786
194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	3882	3870	7	2793
195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^- D^{*+} D^{*+})$	9675	9594	7	2800
196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+ D^- D^{*+})$	1907	1901	7	2807
197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+ D^{*+})$	10044	3994	7	2814
198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	10828	10730	7	2821
199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-} D^{*0}$ $(e^+e^- \to e^+\nu_e K^+\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	2238	2232	7	2828
200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^- D_s^+)$	2242	2236	7	2835
201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- D^{*+}\bar{D}^0 D_s^+)$	1361	1359	7	2842
202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^{*-} D^+\bar{D}^{*-}\bar{D}^0)$	2990	2982	7	2849
203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to e^+\nu_e D^- D^{*+} D_{s1}'^-)$	1408	1406	7	2856
204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+} D^+\bar{D}^{*-} D^{*0})$	12143	12019	7	2863

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^{*+}\bar{D}^{*-})$	12843	615	7	2870
206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-})$	17134	3029	7	2877
207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_s^-)$	3055	3047	7	2884
208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+)$	4168	4155	7	2891
209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_1^+)$	1129	1128	6	2897
210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-D_{s1}'^+)$	5330	5309	6	2903
211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^-D^{*+}D_s^-)$	580	579	6	2909
212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^{*+}D_1'^-)$	1156	1155	6	2915
213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0})$	5397	5376	6	2921
214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	2278	2272	6	2927
215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	751	750	6	2933
216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^+\bar{D}^{*-})$	1207	1206	6	2939
217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D^{*+}\bar{D}^{*-})$	763	762	6	2945
218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^-D^{*+}D^0)$	2353	2347	6	2951
219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to e^+\nu_e D^-$ $(e^+e^- \to e^+\nu_e D^-\bar{D}^{*-}a_1^+)$	5709	5687	6	2957
220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D^-\bar{D}^{*-})$	5724	5702	6	2963
221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	2365	2359	6	2969

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+D^{*+}\bar{D}^{*-})$	984	983	6	2975
223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+\bar{D}^{*-}D^{*0}D_1^+)$	3712	3701	6	2981
224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \tau^+\nu_\tau D^-D^{*+}a_1^-)$	5846	5822	6	2987
225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D^{*+})$	5854	5830	6	2993
226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+\bar{D}^{*-})$	6033	4475	6	2999
227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1^+)$	3875	3863	6	3005
228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^{*-}D^-D^{*+}\bar{D}^{*0})$	765	764	6	3011
229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}\bar{D}^{*-})$	808	807	6	3017
230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^{*+}D_0^{*-})$	2514	2508	6	3023
231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^-D^{*+})$	1797	1791	6	3029
232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^-D^{*+})$	6545	6512	6	3035
233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}a_1^-)$	1304	1302	6	3041
234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D^{*+})$	4006	3994	6	3047
235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\bar{D}^{*-}D_0^{*+})$	6788	6753	6	3053
236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^{*+}\bar{D}^{*-}D^0)$	6886	6850	6	3059
237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	1850	1844	6	3065
238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-D^{*+}\bar{D}^{*-})$	6971	6935	6	3071

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	4083	4071	6	3077
240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to e^+\nu_e\rho^- D^+D^-)$	7013	6976	6	3083
241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	7033	6996	6	3089
242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\bar{D}^{*-}\bar{D}^{*-})$	7256	7216	6	3095
243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+}\bar{D}^{*-})$	7476	7433	6	3101
244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^-D^{*+})$	1321	1319	6	3107
245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D_s^{*-})$	2678	2672	6	3113
246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	7672	7628	6	3119
247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}D_0^{*-})$	518	518	6	3125
248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	7880	2082	6	3131
249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}D_1'^-)$	7905	7854	6	3137
250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^-D_1'^+)$	427	427	6	3143
251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D^{*+}D_s^+)$	2737	2731	6	3149
252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^{*+}D^{*+}\bar{D}^{*0})$	8240	8179	6	3155
253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}a_1^+)$	8370	8308	6	3161
254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	8453	8390	6	3167
255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	2771	2765	6	3173

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-})$	4401	4387	6	3179
257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e D^+D^{*+})$	1954	1948	6	3185
258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	597	596	6	3191
259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	1412	1409	6	3197
260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^-D^{*+})$	865	864	6	3203
261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-a_1^+)$	598	597	6	3209
262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+D^-)$	9979	9895	6	3215
263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^+D^-D^{*0})$	10032	9947	6	3221
264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^0D^-D^{*+}D^{*+}D_s^{*-})$	9	9	6	3227
265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}D_{s1}'^+)$	4685	4669	6	3233
266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	4747	4731	6	3239
267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^{*+}\bar{D}^{*-})$	4927	4911	6	3245
268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e D^-\bar{D}^{*-}D_s^{*+})$	11640	9719	6	3251
269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^0D_s^{*-})$	3047	3039	6	3257
270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^-D^{*+}D^0)$	1072	1071	6	3263
271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\bar{D}^{*-}D^0)$	375	375	6	3269
272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^{*+}\bar{D}^{*-})$	3111	3103	6	3275

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^+)$	12787	12646	6	3281
274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^{*+}D^0)$	5038	5020	6	3287
275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}D_s^+)$	13728	13569	6	3293
276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_{s0}^{*-})$	14715	14531	6	3299
277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_1^+)$	15820	15609	6	3305
278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-a_1^+)$	16868	16635	6	3311
279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\eta D^-D^{*+}D_s^{*-})$	376	376	6	3317
280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_e D^-D^{*+}a_1^-)$	17771	17525	6	3323
281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}a_1^-)$	5237	5216	6	3329
282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^{*+}D^{*0})$	330	330	6	3335
283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D^{*+}D_s^{*-})$	20029	19743	6	3341
284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}D_s^{*+})$	3430	3420	5	3346
285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}D_s^+)$	1930	1924	5	3351
286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\bar{D}^{*-}D^{*0})$	277	277	5	3356
287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	5781	5758	5	3361
288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_{s1}'^+)$	1946	1940	5	3366
289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}D_s^{*+})$	3592	3582	5	3371

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-})$	2486	2480	5	3376
291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^+\bar{D}^{*-})$	2490	2484	5	3381
292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+D_0^{*-})$	2506	2500	5	3386
293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^+D^{*+}\bar{D}^{*-})$	3796	3785	5	3391
294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^+D^-)$	6185	6158	5	3396
295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^{*+}\bar{D}^{*-})$	616	615	5	3401
296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^-D^{*+}D_s^+D_s^{*-})$	6273	6244	5	3406
297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	2548	2542	5	3411
298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+})$	6428	6396	5	3416
299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e K^0K^-D^{*+}\bar{D}^{*-})$	2554	2548	5	3421
300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}D_1'^-)$	3895	3883	5	3426
301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0})$	2559	2553	5	3431
302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}D_s^-)$	6636	6602	5	3436
303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^+D^-\bar{D}^{*-})$	3973	3961	5	3441
304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_2^{*-}D_s^+)$	6681	6647	5	3446
305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^+D^-)$	6686	6652	5	3451
306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	113	113	5	3456

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+} D^0 \bar{D}^{*0})$	2592	2586	5	3461
308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-} D_s^{*+})$	6846	6810	5	3466
309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu \tau^+\nu_\tau \bar{D}^{*-} \bar{D}^{*-})$	2595	2589	5	3471
310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \mu^+\nu_\mu \bar{D}^{*-} D_2^{*+})$	4021	4009	5	3476
311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^+ D^- a_1^-)$	4059	4047	5	3481
312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \tau^+\nu_\tau \pi^0 D^+ \bar{D}^{*-} D_s^-)$	6990	6953	5	3486
313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+ D^{*+} \bar{D}^{*-} D^{*0})$	835	834	5	3491
314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^+\omega D^- D^{*+})$	2020	2014	5	3496
315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^- D^{*+} a_1^-)$	7031	6994	5	3501
316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e \pi^- D^{*+} \bar{D}^{*-})$	2021	2015	5	3506
317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to e^+\nu_e \bar{K}^* D^+ D^- \bar{D}^{*-})$	7069	4893	5	3511
318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^+ D^{*+} \bar{D}^{*-} \bar{D}^{*-} D^{*0})$	1697	1692	5	3516
319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+})$	1344	1342	5	3521
320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*-})$	2088	2082	5	3526
321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\pi^+\pi^- D^- D^{*+})$	7594	7551	5	3531
322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e \pi^0\pi^- D^- D^{*+})$	7663	7619	5	3536
323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} \bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to K^{*+} D^{*+} \bar{D}^{*-} D^{*0} D_s^{*-})$	2729	2723	5	3541

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^-D^{*+}D^{*+})$	4194	4181	5	3546
325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^-D^{*+})$	7722	7676	5	3551
326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	7768	7722	5	3556
327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^+D^-\bar{D}^{*-})$	4291	4278	5	3561
328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	4298	4285	5	3566
329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	7893	7843	5	3571
330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	2089	2083	5	3576
331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_{s1}'^-)$	7937	7884	5	3581
332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	7946	4336	5	3586
333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	8011	7956	5	3591
334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	667	666	5	3596
335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^+K^-D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	8147	8090	5	3601
336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	4412	4398	5	3606
337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	8230	8169	5	3611
338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}a_1^+)$	4417	4403	5	3616
339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D^{*+}\bar{n}p)$	8260	8199	5	3621
340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^{*+}D_0^{*-})$	4438	4424	5	3626

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^{*+}\bar{D}^{*-})$	8380	8318	5	3631
342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^-D^{*+})$	2872	2200	5	3636
343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+D^{*+})$	8624	8560	5	3641
344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^-D^{*+})$	8641	8577	5	3646
345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-})$	2891	2884	5	3651
346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}D^{*+})$	8771	8705	5	3656
347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	1115	1114	5	3661
348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	9059	8989	5	3666
349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	2160	2154	5	3671
350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_{s1}'^+)$	862	861	5	3676
351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	681	680	5	3681
352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	9290	9214	5	3686
353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}a_1^+)$	9597	9517	5	3691
354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-D^+D^-)$	303	303	5	3696
355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^-D_2^{*+})$	2998	2990	5	3701
356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^{*+}\bar{D}^{*-})$	9766	9684	5	3706
357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^+D^-)$	9793	9711	5	3711

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^0D_s^-)$	1456	1453	5	3716
359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D^-D_s^-D_s^{*+})$	348	348	5	3721
360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^+D_1^-)$	4971	4954	5	3726
361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^{*-}D_1^+)$	10058	9972	5	3731
362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_0^{*-})$	10090	10001	5	3736
363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+D^-D^{*0})$	10566	10471	5	3741
364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+D_1^-)$	10694	10597	5	3746
365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}D^0D_s^{*-})$	10704	10607	5	3751
366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^+D^+\bar{D}^{*-}D^0)$	10735	10638	5	3756
367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_s^{*-})$	1841	1835	5	3761
368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eD^-D_s^{*+}D_1^+)$	10947	10847	5	3766
369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^{*+}\bar{D}^{*-})$	10964	10862	5	3771
370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^{*+}D_1^+)$	10988	10885	5	3776
371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}D_s^+)$	11042	10939	5	3781
372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\omega D^{*+}\bar{D}^{*-})$	11061	10958	5	3786
373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\bar{D}^{*-}D_0^{*+})$	11177	11071	5	3791
374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^-D_0^{*+})$	11217	11110	5	3796

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^- D_2^{*+})$	2251	2245	5	3801
376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^{*-} D^+ \bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*-} D^+ D^- \bar{D}^0)$	3078	3070	5	3806
377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} a_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} D^{*+} a_1^-)$	2263	2257	5	3811
378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^+ D^- D_s^-)$	11687	11568	5	3816
379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	1481	1478	5	3821
380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^- D^+\bar{D}^{*-})$	140	140	5	3826
381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-})$	3174	3166	5	3831
382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e X_u^- D^{*+})$	5316	5295	5	3836
383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0} a_1^+)$	12148	12024	5	3841
384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-} D^0 D_s^-)$	12462	12333	5	3846
385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+ D^- D^{*+} D^{*0})$	3228	3219	5	3851
386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D_s^{*-} D_1^+)$	1855	1849	5	3856
387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+ D^{*+}\bar{D}^{*-} D^0)$	13236	13086	5	3861
388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+} D_1^- a_1^-)$	13499	13343	5	3866
389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-})$	13669	13510	5	3871
390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^- D^{*+} D_s^{*-})$	1900	1894	5	3876
391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^- D^{*+}\bar{D}^{*-}\bar{D}^0)$	3290	3281	5	3881

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+\bar{D}^{*-})$	15059	14868	5	3886
393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_{s1}'^-)$	15438	15234	5	3891
394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^+)$	15455	15251	5	3896
395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^-D_s^{*+})$	3317	3308	5	3901
396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-})$	16005	15793	5	3906
397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^{*+}\bar{D}^{*-})$	16413	16194	5	3911
398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^+\bar{D}^{*-})$	16732	16505	5	3916
399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-D^+\bar{D}^{*-})$	28	28	5	3921
400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}D_s^{*-})$	5556	5534	5	3926
401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-})$	3361	3352	5	3931
402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-}\bar{D}^{*-})$	2359	2353	5	3936
403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+})$	3417	3407	5	3941
404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}a_1^+)$	19602	19327	5	3946
405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{D}^{*-}D^0D_s^{*-})$	179	179	5	3951
406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1^+)$	21672	21353	5	3956
407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-})$	6368	6337	4	3960
408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}a_1^-)$	6384	6353	4	3964

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}D_s^{*+})$	6419	6387	4	3968
410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^- D^- D^{*+})$	191	191	4	3972
411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\bar{p}\Sigma_c^{++})$	3794	3783	4	3976
412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^- D^+\bar{D}^{*-}D_s^{*-})$	618	617	4	3980
413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_{s1}^-)$	6541	6508	4	3984
414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}a_1^-)$	3828	3817	4	3988
415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}D_2^{*-})$	6561	6528	4	3992
416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	6618	6585	4	3996
417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^+D^-\bar{D}^{*-})$	1354	1352	4	4000
418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+D_0^{*-})$	6649	6615	4	4004
419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^- D^+)$	422	422	4	4008
420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+D^-)$	6662	6628	4	4012
421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^+D_2^{*-}D_s^{*-})$	1019	1018	4	4016
422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	1403	1401	4	4020
423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^- D^+D^-)$	3916	3904	4	4024
424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	3926	3914	4	4028
425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^{*+}D_2^{*-}D_s^{*-})$	334	334	4	4032

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^+\bar{D}^0D_s^+)$	1032	1031	4	4036
427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	2634	2628	4	4040
428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^{*+}D_1^-)$	1428	1425	4	4044
429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	6974	6938	4	4048
430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^-D^-D^{*+}\bar{D}^0)$	6989	6952	4	4052
431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	669	668	4	4056
432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-K^{*+}D^-D^{*+}D^{*0}\bar{D}^{*0})$	6997	6960	4	4060
433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D_2^{*+})$	86	86	4	4064
434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D^0D_s^{*-})$	4025	4013	4	4068
435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^+\bar{D}^{*-})$	1987	1981	4	4072
436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^{*+}\bar{D}^{*-})$	1998	1992	4	4076
437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^{*+}\bar{D}^{*-})$	7037	7000	4	4080
438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^{*+}D_s^-)$	7053	7016	4	4084
439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}D_s^{*+})$	456	456	4	4088
440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_1'^+)$	7116	7077	4	4092
441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}D_{s1}'^-)$	7240	7200	4	4096
442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+})$	2716	2710	4	4100

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	7417	7374	4	4104
444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	7467	7424	4	4108
445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^{*+}D_2^{*+})$	2013	2007	4	4112
446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^{+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_{s1}'^{+})$	4159	4146	4	4116
447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	867	866	4	4120
448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_eK^-D^+D^{*+}\bar{D}^{*0})$	7630	7586	4	4124
449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+\bar{D}^{*-}D_s^-)$	2749	2743	4	4128
450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	1482	1479	4	4132
451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}D_1^-)$	2822	2816	4	4136
452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}n\bar{p})$	4269	4256	4	4140
453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}a_1^+)$	7739	7693	4	4144
454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_1'^-)$	1515	1512	4	4148
455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^+D^-D_s^{*-})$	7791	7745	4	4152
456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+D^-D^0D_s^{*-})$	1543	1540	4	4156
457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^+D^-)$	7865	7817	4	4160
458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^-D^{*+}D_s^+D_{s1}'^-)$	4310	4296	4	4164
459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_s^+)$	2056	2050	4	4168

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	4350	4336	4	4172
461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0D^+\bar{D}^{*-}D_s^-)$	7919	7866	4	4176
462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	4363	4349	4	4180
463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+D^+\bar{D}^{*-})$	1093	1092	4	4184
464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^{*-})$	7995	7940	4	4188
465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-})$	2898	2891	4	4192
466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_{s1}'^-)$	4414	4400	4	4196
467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}a_1^+a_1^-)$	8137	8080	4	4200
468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	707	706	4	4204
469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^-D_s^+)$	8193	8135	4	4208
470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^+\bar{D}^{*-})$	1102	1101	4	4212
471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^{*-})$	1587	150	4	4216
472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+\bar{D}^{*-})$	714	713	4	4220
473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^-D^{*+})$	279	279	4	4224
474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-})$	3037	3029	4	4228
475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0D^{*0}\bar{D}^{*0})$	4634	4618	4	4232
476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*+}D^-\bar{D}^{*-}D^{*0})$	912	911	4	4236

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+})$	8596	8532	4	4240
478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+})$	1648	1643	4	4244
479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}\bar{D}^{*-})$	4677	4661	4	4248
480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+D^{*+}\bar{D}^{*-}D^{*0})$	8720	8654	4	4252
481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^0D^-D^{*+}D^{*+}D_{s1}'^-)$	736	735	4	4256
482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+D^-D^{*+})$	1694	1689	4	4260
483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	4834	4818	4	4264
484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta D^+D^-)$	8851	8784	4	4268
485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^-D_1^+)$	8874	8807	4	4272
486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	4926	4910	4	4276
487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D_s^-)$	3093	3085	4	4280
488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0})$	923	922	4	4284
489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	9089	9018	4	4288
490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^+D_1^-a_1^-)$	9122	9050	4	4292
491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_s^+D_1^-)$	740	739	4	4296
492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^{*+}\bar{D}^0)$	9274	9198	4	4300
493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+D^-)$	9281	9205	4	4304

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^- D^{*+} D_s^{*+})$	957	956	4	4308
495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\eta D^{*+}\bar{D}^{*-})$	9469	9390	4	4312
496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-} n\bar{p})$	9470	9391	4	4316
497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^- D_2^{*+})$	9555	9476	4	4320
498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-} D_s^-)$	5001	4984	4	4324
499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+} D^{*+}\bar{D}^{*-} D^{*0})$	397	397	4	4328
500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-} a_1^+)$	9694	9613	4	4332
501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^- D^{*+} D_s^{*+})$	5024	5007	4	4336
502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^- D^- D^{*+})$	3176	3168	4	4340
503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e X_u^+\bar{D}^{*-})$	9787	9705	4	4344
504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^- D^{*+} D_1'^-)$	2304	2298	4	4348
505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^- D^{*+} D^{*0})$	9898	9815	4	4352
506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^{*+}\bar{D}^{*-})$	1743	1737	4	4356
507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-})$	5090	5072	4	4360
508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^- K^- D^{*+}\bar{D}^0\bar{D}^{*0} D_s^+)$	5122	5103	4	4364
509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-} D_1'^+)$	5170	5150	4	4368
510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to K^0 D^+ D^{*+}\bar{D}^{*-} D_s^{*-})$	10063	9976	4	4372

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- D^{*+} D_1^-)$	10081	9992	4	4376
512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-} a_1^- D_{s1}'^+)$	5189	5169	4	4380
513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^- D^{*+} D_s^{*+})$	10100	10011	4	4384
514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^- D^- D^{*+})$	10125	10036	4	4388
515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+ D_2^{*-})$	10164	10075	4	4392
516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to K^* D^+ D^+ D^- D_s^{*-})$	10183	10094	4	4396
517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e D_0^{*-}$ $(e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-} D_0^{*-})$	10245	10155	4	4400
518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-})$	10510	10416	4	4404
519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+})$	5223	5202	4	4408
520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0} D_s^+)$	3236	3227	4	4412
521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*0}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-} D^{*0})$	5256	5235	4	4416
522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^+ D^{*+}\bar{D}^{*-} D^{*0})$	5266	5245	4	4420
523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- D^- D^{*+})$	5294	5273	4	4424
524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D_2^{*+}\bar{D}^0 D_s^+)$	10865	10766	4	4428
525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-} D^{*0}$ $(e^+e^- \to K^0 K^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	10891	10792	4	4432
526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*0} n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D^{*0} n\bar{\Delta}^0)$	3273	3264	4	4436
527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	1744	1738	4	4440

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^+D^{*+}D_s^-D_s^{*-})$	10984	10547	4	4444
529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	3289	3280	4	4448
530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*-})$	204	204	4	4452
531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0D^+\bar{D}^{*-}D_s^{*-})$	1750	1744	4	4456
532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	11104	11000	4	4460
533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_1^+)$	11151	9804	4	4464
534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^+\bar{D}^{*-}D_s^-)$	5	5	4	4468
535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+D^-)$	11205	11098	4	4472
536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_s^-)$	3360	3351	4	4476
537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\bar{n}\Delta^0)$	5470	5448	4	4480
538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-})$	11457	11343	4	4484
539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^{*+}\bar{D}^{*-})$	11468	11354	4	4488
540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}D_s^{*-})$	2360	2354	4	4492
541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+D^-D^{*+})$	11618	11503	4	4496
542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^+D^-D^-)$	5522	5500	4	4500
543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^{*+}\bar{D}^{*-})$	3398	3389	4	4504
544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_{s1}'^+)$	11734	11615	4	4508

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^+D^-)$	11752	11633	4	4512
546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	11820	11700	4	4516
547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^-D^{*+})$	2363	2357	4	4520
548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	11889	11768	4	4524
549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_0^{*+})$	1769	1763	4	4528
550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^{*+}\bar{D}^{*-})$	41	41	4	4532
551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^{*+}\bar{D}^{*-})$	11974	11851	4	4536
552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1'^+)$	11983	11860	4	4540
553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+D_2^{*-}D_s^+)$	1302	1300	4	4544
554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	5633	5611	4	4548
555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-D^-D^{*+})$	12178	12054	4	4552
556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	12210	12086	4	4556
557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}a_1^-)$	5645	5623	4	4560
558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\bar{D}^{*-}D_1'^+)$	3438	3428	4	4564
559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-})$	12799	12658	4	4568
560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^+D^-D_s^{*-})$	2436	2430	4	4572
561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	13123	7628	4	4576

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^- D^- D^{*+})$	13223	13073	4	4580
563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\omega D^{*+}\bar{D}^{*-})$	13230	13080	4	4584
564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0})$	3457	3447	4	4588
565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+ D_1'^-)$	2442	2436	4	4592
566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^{*-})$	3488	3478	4	4596
567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^- D^{*+} D_1^-)$	5801	5778	4	4600
568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- D^{*+}\bar{D}^0 D_s^{*+})$	13850	13688	4	4604
569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^+ D^-)$	14026	13860	4	4608
570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-})$	14174	2894	4	4612
571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- D^{*+}\bar{D}^0 D_s^+)$	14235	14061	4	4616
572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-} D_2^{*+} D_s^-)$	3491	3481	4	4620
573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- D^{*+}\bar{D}^0 D_s^{*+})$	14908	14721	4	4624
574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-} D_2^{*+})$	14983	14794	4	4628
575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0 D^+ D^- D_s^-)$	1303	1301	4	4632
576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+ D^-)$	15273	15074	4	4636
577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^- D^{*+}\bar{D}^{*-})$	15351	15149	4	4640
578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- D^+\bar{D}^{*-})$	3508	3498	4	4644

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	5886	5862	4	4648
580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^-D^{*+}D^{*+}\bar{D}^{*0})$	15515	15310	4	4652
581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0D^+\bar{D}^{*-}D_s^-)$	5951	5927	4	4656
582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^-D^{*+}D^{*+})$	15833	15622	4	4660
583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+D^-\bar{D}^{*-})$	3529	3519	4	4664
584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_0^{*-})$	3532	3522	4	4668
585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}D_s^{*-})$	16613	16388	4	4672
586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_1'^-)$	6091	6065	4	4676
587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+D^{*+}\bar{D}^{*-})$	16819	16587	4	4680
588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	6135	2289	4	4684
589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^+D^-\bar{D}^{*0})$	17132	16897	4	4688
590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_2^{*+}D_s^-)$	6144	6117	4	4692
591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^-D^{*+})$	17252	17013	4	4696
592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+})$	17576	17332	4	4700
593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*-}D_s^+)$	1799	1793	4	4704
594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^-D^{*+}D_s^{*+})$	6204	6175	4	4708
595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^0)$	18238	17985	4	4712

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\eta D^- D^{*+}a_1^-)$	18364	18108	4	4716
597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^{*+}\bar{D}^{*-})$	18970	18705	4	4720
598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- D^+\bar{D}^{*-})$	3614	3604	4	4724
599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+ D^- D^{*+})$	19045	18779	4	4728
600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^{*+}\bar{D}^{*-})$	19287	19018	4	4732
601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	605	604	4	4736
602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^+\bar{D}^{*-})$	19739	12249	4	4740
603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+ D^{*+}\bar{D}^{*-})$	6327	6297	4	4744
604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^- D^+ D^-)$	20633	20336	4	4748
605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-}D_2^{*+})$	20669	20371	4	4752
606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}D_{s1}'^{+})$	2499	2493	4	4756
607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	23000	22649	4	4760
608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^- D^+\bar{D}^{*-})$	27346	26886	4	4764
609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^- D^+ D^-)$	6208	6179	3	4767
610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-})$	6214	6185	3	4770
611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^{*+}D^{*0}\bar{D}^{*0})$	6241	6212	3	4773
612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+}a_1^-)$	863	862	3	4776

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	6272	6243	3	4779
614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^-D_s^+)$	511	511	3	4782
615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-D_s^+)$	6291	6262	3	4785
616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_1'^+)$	3504	3494	3	4788
617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^+K^{*-}D^+D^-\bar{D}^0)$	6333	6303	3	4791
618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^+D^-)$	3506	3496	3	4794
619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	6362	6331	3	4797
620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^-D_1'^+)$	1645	1640	3	4800
621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^-D^{*+}D^{*0})$	3517	3507	3	4803
622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}n\bar{\Delta}^0)$	6397	6365	3	4806
623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}K_1^0\psi(3770))$	513	513	3	4809
624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^{*+}\bar{D}^{*-})$	650	649	3	4812
625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^+D^-)$	6454	6421	3	4815
626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*-})$	6458	6425	3	4818
627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^-D^{*+})$	6478	6445	3	4821
628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*-}D_s^{*+})$	3580	3570	3	4824
629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+})$	1692	1687	3	4827

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	3595	3585	3	4830
631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	1142	1141	3	4833
632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	6556	6523	3	4836
633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega D^- D^{*+})$	3618	3607	3	4839
634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ D_2^{*+}D_s^{*-})$	6590	6557	3	4842
635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+}D_s^-)$	2410	2404	3	4845
636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	3650	3639	3	4848
637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^- D^{*+}D^{*+})$	3701	3690	3	4851
638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	2431	2425	3	4854
639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^+\bar{D}^{*-}D^0)$	216	216	3	4857
640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-})$	3764	3753	3	4860
641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^+D^-)$	1157	1156	3	4863
642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-})$	6720	6685	3	4866
643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D_s^{*-}D_1^+)$	6726	6691	3	4869
644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	1162	1161	3	4872
645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^+D^-\bar{D}^{*-})$	6733	6698	3	4875
646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	6752	6717	3	4878

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^- D^{*+})$	2445	2439	3	4881
648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^+\bar{D}^{*-})$	6791	6756	3	4884
649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}D^0)$	6794	6759	3	4887
650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^{*+}D^{*+}\bar{D}^{*-}D_s^{*-})$	6824	6788	3	4890
651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^+D_1^+)$	3837	3826	3	4893
652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	6863	6827	3	4896
653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-})$	3852	2884	3	4899
654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- D^+ n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^- D^+\bar{D}^{*-}n\bar{n})$	6918	6882	3	4902
655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	3853	3841	3	4905
656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^- D^+D^-)$	6951	6915	3	4908
657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^-D^{*+})$	2451	2445	3	4911
658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e D^+D^+)$	1175	1174	3	4914
659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau D^-\bar{D}^{*-})$	6980	3075	3	4917
660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+D^-\bar{n}p)$	3883	3871	3	4920
661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*-}a_1^+)$	1738	1732	3	4923
662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^+\bar{D}^{*-})$	3892	3880	3	4926
663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	3893	3881	3	4929

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \bar{D}^{*-}\bar{n}p$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	660	659	3	4932
665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^-D_s^{*+})$	3911	3899	3	4935
666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^{*-})$	150	150	3	4938
667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \bar{D}^{*-}D_s^{*-}D_1^+D_{s1}'^+)$	1208	1207	3	4941
668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+D_1^-)$	3939	3927	3	4944
669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+D^-)$	1749	1743	3	4947
670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^-D^{*+})$	7076	7037	3	4950
671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}D_{s1}'^-)$	7085	7046	3	4953
672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^{*+}\bar{D}^{*-})$	7106	7067	3	4956
673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+D^-D^{*+})$	1221	1220	3	4959
674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-})$	7134	7095	3	4962
675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^+a_1^-)$	7143	7104	3	4965
676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}a_1^-)$	7150	7111	3	4968
677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	7231	7191	3	4971
678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^*K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	2552	2546	3	4974
679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^+D^+D^-)$	7244	7204	3	4977
680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}D_s^{*+})$	7250	7210	3	4980

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	1230	1229	3	4983
682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1'^+)$	7285	7243	3	4986
683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^{*-}D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	1235	1234	3	4989
684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\eta D^-D^{*+})$	7440	7397	3	4992
685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	7445	7402	3	4995
686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\rho^-D^{*+})$	4014	4002	3	4998
687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	4018	4006	3	5001
688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	1257	1256	3	5004
689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^-D^{*+})$	7485	7442	3	5007
690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^+)$	7578	7535	3	5010
691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\eta D^+D^-)$	1781	1775	3	5013
692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	4037	4025	3	5016
693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	7638	7594	3	5019
694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	7658	7614	3	5022
695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+D^-D^{*+})$	4051	4039	3	5025
696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_eK^{*-}D^-D^{*+}\bar{D}^0)$	193	193	3	5028
697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	2628	2622	3	5031

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^+a_1^-)$	7688	7643	3	5034
699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	7696	7651	3	5037
700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	7720	7674	3	5040
701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}D_s^{*-})$	533	533	3	5043
702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to e^+\nu_eD^-$ $(e^+e^- \to e^+\nu_eD^-D^-D_s^+)$	4089	4077	3	5046
703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\eta\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\omega D^-\bar{D}^{*-})$	7746	7700	3	5049
704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_s^{*+}D_1^+)$	7756	7710	3	5052
705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_eD_2^{*+}D_s^{*-}D_1^-)$	4099	4086	3	5055
706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	415	415	3	5058
707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Delta^-\bar{n})$	7803	7756	3	5061
708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	7852	7804	3	5064
709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D^{*+}D_s^+)$	1822	1816	3	5067
710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	4143	4130	3	5070
711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\omega D^-D^{*+}D_{s1}'^-)$	1838	1832	3	5073
712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to e^+\nu_eD^+D^-a_1^-)$	7887	7837	3	5076
713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{n}p)$	4166	4153	3	5079
714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	1278	1277	3	5082

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	7914	7862	3	5085
716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-D^-D^{*+})$	4172	4159	3	5088
717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}a_1^+)$	2680	2674	3	5091
718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	7939	7886	3	5094
719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0})$	4178	4165	3	5097
720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	7993	7938	3	5100
721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+D^-D^{*+}D_s^{*-})$	2687	2681	3	5103
722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^-D^{*+})$	702	701	3	5106
723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	4195	4182	3	5109
724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^+\bar{D}^{*-}D^0D_s^-)$	4197	4184	3	5112
725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	4204	4191	3	5115
726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\eta\bar{D}^{*-})$	8149	8092	3	5118
727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^+D^{*+}\bar{D}^{*-})$	4248	4235	3	5121
728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta K^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^*K^-D^{*+}\bar{D}^{*-})$	4261	4248	3	5124
729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	319	319	3	5127
730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	2713	2707	3	5130
731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	8245	8184	3	5133

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\rho^- D^+\bar{D}^{*-})$	541	541	3	5136
733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L J/\psi, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to K_L\bar{D}^{*-}D_s^{*+}J/\psi)$	8262	8201	3	5139
734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^+\bar{D}^{*-})$	8336	8274	3	5142
735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^0D^-D^{*+}D^{*+}a_1^-)$	8348	8286	3	5145
736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}D_2^{*-}D_s^-D_s^{*+})$	8349	8287	3	5148
737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^- D^+\bar{D}^{*-})$	8355	8293	3	5151
738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\omega D^+\bar{D}^{*-})$	1866	1860	3	5154
739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	4332	4318	3	5157
740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*K^+D^+D^-\bar{D}^{*-}D^{*0})$	8409	8347	3	5160
741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+D^{*+})$	2731	2725	3	5163
742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-D_{s1}'^-)$	8474	8411	3	5166
743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-}J/\psi)$	8506	8442	3	5169
744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^+\bar{D}^{*-})$	8569	8505	3	5172
745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+D^-D_s^{*+})$	8587	8523	3	5175
746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}\bar{n}p)$	1878	1872	3	5178
747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+D^-D^0D_s^{*-})$	4352	4338	3	5181
748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D_1^-)$	1888	1882	3	5184

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D_2^{*-}D_s^+a_1^-)$	959	958	3	5187
750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to e^+\nu_e D^- D_2^{*+}D_s^-)$	2777	2771	3	5190
751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	8762	8696	3	5193
752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^{*+}D^-D^{*+}D^{*0}D_s^{*-})$	327	327	3	5196
753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	8799	8733	3	5199
754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\bar{D}^{*-})$	2826	2820	3	5202
755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	4435	4421	3	5205
756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	2859	2853	3	5208
757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}D_s^-)$	8886	8819	3	5211
758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+D^{*+}D_s^-)$	8937	863	3	5214
759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\omega D^-D^{*+})$	8972	8904	3	5217
760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^-)$	8993	8925	3	5220
761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to e^+\nu_e D^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e D^-D^-)$	8994	8926	3	5223
762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+})$	9034	8965	3	5226
763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	9048	8979	3	5229
764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	9051	8982	3	5232
765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \tau^+\nu_\tau D^-D^{*+}D_s^-)$	9052	8983	3	5235

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	4449	4435	3	5238
767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	1330	1328	3	5241
768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^*K^-D^+\bar{D}^{*-})$	4460	4446	3	5244
769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*-})$	4480	4465	3	5247
770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-})$	4522	4507	3	5250
771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-}D_0^{*+})$	9150	9076	3	5253
772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	9151	9077	3	5256
773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	9155	9081	3	5259
774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D_1'^-$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}D_1'^-)$	9205	9131	3	5262
775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	9219	9145	3	5265
776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^-D^{*+})$	4535	4520	3	5268
777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	1917	1911	3	5271
778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0D^+D^-D_s^-)$	4571	4555	3	5274
779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+D^{*+}D_s^{*-})$	1332	1330	3	5277
780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^0D_s^{*+})$	9340	9263	3	5280
781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	9383	9305	3	5283
782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to K^+D^-D^-D^{*0}a_1^+)$	722	721	3	5286

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	4606	4590	3	5289
784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+D^-D_s^{*-})$	9534	9455	3	5292
785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^-D^{*+})$	9536	9457	3	5295
786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^+\bar{D}^{*-})$	1939	1933	3	5298
787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^-D^+\bar{D}^{*0})$	9574	9495	3	5301
788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-D^0D_s^{*-})$	2902	2895	3	5304
789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^-D_1'^+)$	9620	9539	3	5307
790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^{*+}D_{s1}'^-)$	2921	2914	3	5310
791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+}D_1'^+)$	4660	4644	3	5313
792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	9719	9638	3	5316
793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e D^-\bar{D}^{*-}D_s^+)$	9728	9647	3	5319
794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0D^{*0}D_s^{*-})$	980	979	3	5322
795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^-D^{*+})$	9757	9675	3	5325
796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D_0^{*-})$	2945	2938	3	5328
797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}a_1^+)$	4686	4670	3	5331
798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^-D^{*+})$	2947	2940	3	5334
799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e D^-$ $(e^+e^- \to e^+\nu_e D^-\bar{D}^{*-}D_s^{*+})$	9801	9719	3	5337

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e \bar{K}^0 D^+ D^- \bar{D}^{*-})$	9849	9767	3	5340
801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+} \bar{D}^{*-} D_{s1}'^+)$	9859	9777	3	5343
802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^- D^+ D^- D_s^-)$	4763	4747	3	5346
803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e \pi^-\omega D^+ D^-)$	9963	9879	3	5349
804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\rho^0\rho^+ D^+ D^-)$	4773	4757	3	5352
805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \rho^- D^- D^{*+})$	9988	9904	3	5355
806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau \pi^0\rho^0\rho^- D^+ \bar{D}^{*-})$	568	567	3	5358
807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e \bar{D}^{*-} D_1^+ D_{s1}'^+)$	4851	4835	3	5361
808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \bar{K}^0 D^{*0} \bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0} D_s^+)$	10056	9970	3	5364
809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e \bar{K}^* D^+ D^- \bar{D}^{*-})$	4909	4893	3	5367
810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \pi^+ D^- n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu \pi^+ D^- \bar{D}^{*-} n\bar{n})$	4923	4907	3	5370
811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-} \bar{\Delta}^+\Sigma_c^{++})$	10068	9981	3	5373
812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^0\pi^+\omega D^{*+} \bar{D}^{*-})$	252	252	3	5376
813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to e^+\nu_e D^{*+} D_2^{*-} a_1^-)$	2996	2988	3	5379
814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^+\pi^+\rho^- D^- D^{*+})$	4948	4932	3	5382
815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+ D^{*+} D_s^{*-})$	1377	1375	3	5385
816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^+ D^- \bar{D}^{*-} D_s^+)$	10155	10066	3	5388

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D_2^{*-}D_s^{*+}a_1^-)$	3002	2994	3	5391
818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau K^0K^-D^+D_2^{*-})$	576	575	3	5394
819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^-D^{*+})$	747	746	3	5397
820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^-D^{*+}D_s^-D_s^{*+})$	10272	10182	3	5400
821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}D_0^{*-})$	10299	10209	3	5403
822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}a_1^+)$	10336	10245	3	5406
823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_1^+D_1^-)$	10428	10337	3	5409
824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^-D^{*+}D_s^+)$	1011	1010	3	5412
825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^0K^{*-}D^+\bar{D}^{*-})$	10	10	3	5415
826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}D_s^{*-})$	10605	10510	3	5418
827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_s^{*+})$	756	755	3	5421
828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \mu^+\nu_\mu K_2^{*0}\bar{D}^{*-}J/\psi)$	3072	3064	3	5424
829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-D^-D_2^{*+})$	10734	10637	3	5427
830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	5044	5026	3	5430
831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+D^{*+}\bar{D}^{*-})$	10744	10647	3	5433
832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^-D^{*+})$	5054	5036	3	5436
833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^{*+}D^0\bar{D}^0)$	10832	10734	3	5439

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	10848	10750	3	5442
835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\rho^-D^-D^{*+})$	458	458	3	5445
836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to e^+\nu_e D^+D_1^-D_{s1}'^-)$	10888	10789	3	5448
837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-})$	5088	5070	3	5451
838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^+D^-)$	10937	10837	3	5454
839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}a_1^+)$	3082	3074	3	5457
840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+\bar{D}^{*-}D^{*0}D_1'^+)$	5098	5079	3	5460
841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+D^-D_s^+D_s^{*-})$	5114	5095	3	5463
842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	56	56	3	5466
843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}D_1^-)$	3094	3086	3	5469
844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-})$	5184	5164	3	5472
845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	11063	10929	3	5475
846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0D^-D^{*+}\bar{D}^{*-})$	11097	10993	3	5478
847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-D_s^{*+})$	11098	10994	3	5481
848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_{s1}'^-)$	3102	3094	3	5484
849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1'^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_s^{*-}D_1'^+)$	11145	11041	3	5487
850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^+\bar{D}^{*-})$	5204	5184	3	5490

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^+D^{*+})$	11171	11065	3	5493
852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	5216	1160	3	5496
853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+D_1^-)$	2038	2032	3	5499
854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega\omega D^{*+}D^{*+})$	1464	1461	3	5502
855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_0^{*+})$	11240	11133	3	5505
856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta D^+\bar{D}^{*-})$	2071	2065	3	5508
857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	5261	5240	3	5511
858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	1465	1462	3	5514
859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^{*+}\bar{D}^{*-})$	5291	5270	3	5517
860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^*D^{*+}J/\psi)$	11531	11417	3	5520
861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}\bar{\Delta}^-n)$	11542	11428	3	5523
862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^+D^-D^{*+}D^0)$	11586	11472	3	5526
863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^*D^-J/\psi)$	596	595	3	5529
864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^-D^{*+}D_{s1}'^+D_{s1}'^-)$	3180	3172	3	5532
865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}\bar{D}^{*-})$	11656	11539	3	5535
866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	5312	5291	3	5538
867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^-D^{*+}D^{*0})$	5313	5292	3	5541

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-})$	11743	11624	3	5544
869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	3203	3194	3	5547
870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^+D_1^-)$	11758	11639	3	5550
871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-})$	3227	3218	3	5553
872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-})$	5325	5304	3	5556
873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^0D_s^{*-})$	1038	1037	3	5559
874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	2117	2111	3	5562
875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	5339	5318	3	5565
876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^0K^-D^{*+}\bar{D}^{*-})$	11959	11836	3	5568
877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+D^+D^-)$	5340	5319	3	5571
878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^+D^{*+}\bar{D}^{*0})$	3231	3222	3	5574
879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^-D^{*+})$	12001	11878	3	5577
880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+D^+\bar{D}^{*-}D_s^-)$	12021	11898	3	5580
881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^-D^{*+}D_s^{*+}a_1^-)$	12059	11936	3	5583
882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*0})$	12072	11949	3	5586
883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu D^+D^-\Delta^-\bar{\Delta}^0)$	12139	12015	3	5589
884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	5362	5341	3	5592

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- D^{*+}D^{*+})$	480	480	3	5595
886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^{*+}D_s^{*-}D_0^{*-})$	12165	12041	3	5598
887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^- D^+D^-)$	5428	5407	3	5601
888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^- D^-D^{*+})$	5435	5414	3	5604
889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^{*+}D_1^-)$	12237	12112	3	5607
890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^-D^{*+})$	12248	12123	3	5610
891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau K^-D^+\bar{D}^{*-}\bar{D}^0)$	12274	12148	3	5613
892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^-)$	12335	12209	3	5616
893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^- D^+\bar{D}^{*-})$	12361	12235	3	5619
894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \mu^+\nu_\mu D^-D^{*+}D_{s1}^-)$	5452	5430	3	5622
895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^0D_s^{*+})$	12496	12367	3	5625
896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega D^-D^{*+})$	12542	12411	3	5628
897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	12619	12484	3	5631
898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^- D^-D^{*+})$	12704	12566	3	5634
899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	12761	12621	3	5637
900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+ D^+D^-)$	3237	3228	3	5640
901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	3238	3229	3	5643

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^-K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^-K^{*+}D^-D^{*+})$	12806	12665	3	5646
903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	5507	5485	3	5649
904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}D_s^+)$	12877	12733	3	5652
905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	12944	12797	3	5655
906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^+)$	13097	12950	3	5658
907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-D^-D^{*+})$	5512	5490	3	5661
908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}D_s^-)$	13128	12980	3	5664
909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	5521	5499	3	5667
910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+D^-D^{*+})$	3251	3242	3	5670
911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}a_1^-)$	5531	5509	3	5673
912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*0}J/\psi K_1^0)$	13266	13116	3	5676
913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	13287	13137	3	5679
914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^+\bar{D}^{*-}D^0)$	13340	13190	3	5682
915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*0})$	13366	13215	3	5685
916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}J/\psi\bar{K}_1^0)$	13414	13262	3	5688
917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	13497	9123	3	5691
918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega D^{*+}\bar{D}^{*-})$	5534	5512	3	5694

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^- D^- D^{*+} \bar{D}^{*0} D_s^+)$	13559	13403	3	5697
920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^- K^{*-} D^+ \bar{D}^0 \bar{D}^{*0} D_s^{*+})$	5538	5516	3	5700
921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^- D_1'^+)$	13672	13513	3	5703
922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to e^+\nu_e D^{*+} D_s^- D_1^-)$	13701	13542	3	5706
923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu \bar{D}^{*-} D_1^-)$	13723	13564	3	5709
924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^- D^+ D^- D_s^- D_s^{*+})$	2152	2146	3	5712
925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} \bar{D}^{*-} D^{*0}, \bar{B}^0 \to K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to K^- K^{*+} D^+ \bar{D}^{*-} D^{*0} \bar{D}^{*0})$	5562	5540	3	5715
926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^+ D^- \bar{D}^{*-} D_{s1}'^+)$	13890	13727	3	5718
927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^+ D^-)$	13971	13807	3	5721
928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^{*+} D^{*+} D_s^{*-})$	829	828	3	5724
929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^-\rho^+ D^{*+} \bar{D}^{*-})$	14049	13883	3	5727
930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^+ \bar{D}^{*-})$	14050	13884	3	5730
931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+} a_1^-)$	14107	862	3	5733
932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+ D^{*+} D_s^{*-})$	14115	13946	3	5736
933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \bar{D}^{*-}, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \rho^+ D^+ \bar{D}^{*-} a_1^-)$	2180	2174	3	5739
934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to D^{*+} D_2^{*-} D_s^{*+} D_s^{*-})$	14200	14028	3	5742
935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu \bar{D}^{*-} D_2^{*+})$	488	488	3	5745

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}D_{s1}'^{+})$	14274	14099	3	5748
937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+D^+D^-)$	14323	14148	3	5751
938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}D_1^-)$	14336	14161	3	5754
939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	14348	14173	3	5757
940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-D^{*+})$	14381	9273	3	5760
941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^{*+}D^-D^{*+}D^0a_1^-)$	14530	14348	3	5763
942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}D_{s1}'^{+})$	14548	14366	3	5766
943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	14705	14521	3	5769
944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}a_1^+)$	5606	5584	3	5772
945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^-)$	14757	14573	3	5775
946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	14837	10896	3	5778
947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^{*+}D_2^{*-})$	14851	14666	3	5781
948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^-D^{*+}D^{*0})$	3300	3291	3	5784
949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^-D^+D^-\bar{D}^{*0})$	14936	14748	3	5787
950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^+K^-D^-D^{*+}D^{*0}\bar{D}^{*0})$	14953	14765	3	5790
951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	14973	5860	3	5793
952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+})$	2197	2191	3	5796

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e \bar{K}^0 D^{*+}\bar{D}^{*-} D_2^{*-})$	14989	14800	3	5799
954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+} D_s^{*-})$	15018	14827	3	5802
955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu \tau^-\bar{\nu}_\tau D^- D_1'^+)$	3325	3316	3	5805
956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	15232	5939	3	5808
957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- D^- D^{*+})$	15268	2167	3	5811
958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^- D^{*+} D_s^{*-})$	5666	5644	3	5814
959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^+\pi^-\pi^- D^{*0} D_1'^+)$	15277	15078	3	5817
960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^- K^- D^{*+}\bar{D}^0\bar{D}^{*0} D_s^+)$	15318	15117	3	5820
961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^- D^{*+}\bar{D}^0 D_s^+ D_{s1}'^-)$	15328	15126	3	5823
962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^+ D^{*+}\bar{D}^{*-})$	5699	5677	3	5826
963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^+ K^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+ K^+ K^- D^- D^{*+})$	15378	15175	3	5829
964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to K^+ D^+\bar{D}^{*-} D^{*0} D_s^-)$	496	496	3	5832
965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \pi^0\pi^- D^{*+}\bar{D}^0 D_s^+)$	3356	3347	3	5835
966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to \mu^+\nu_\mu \bar{K}^*\bar{D}^{*-} J/\psi)$	15459	15255	3	5838
967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\pi^-\pi^- D^+ D^{*+})$	15469	15265	3	5841
968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e \pi^0\pi^0\rho^- D^{*+}\bar{D}^{*-})$	1561	1558	3	5844
969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \mu^+\nu_\mu \pi^+\pi^- D^{*+}\bar{D}^{*-})$	15536	15330	3	5847

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_e D^{*+} D_0^{*-} a_1^-)$	15668	15458	3	5850
971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0 J/\psi$ $(e^+e^- \to e^+\nu_e \eta\bar{K}^0\bar{D}^{*-} J/\psi)$	15707	15497	3	5853
972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	5752	5729	3	5856
973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu D^- D^0 p\bar{\Delta}^+)$	5765	5742	3	5859
974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^- D^{*+} D_2^{*-} D_s^+)$	15864	15653	3	5862
975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^- D^{*+}\bar{D}^{*0} D_1'^-)$	15874	15663	3	5865
976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^- D^{*+} p\bar{\Sigma}_c^0)$	15906	15695	3	5868
977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu D^+ D^- D_{s1}'^-)$	15949	15738	3	5871
978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e \mu^-\bar{\nu}_\mu X_u^- D^+)$	15969	15758	3	5874
979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \mu^+\nu_\mu \rho^- D^{*+}\bar{D}^{*-}\gamma)$	1566	1563	3	5877
980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to e^+\nu_e \pi^+\pi^- D^+ D^- D_s^-)$	16092	15878	3	5880
981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \rho^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-})$	16138	15923	3	5883
982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	16383	16164	3	5886
983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- D^{*+} D^{*+} D_s^{*-})$	3390	3381	3	5889
984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D^- D^-)$	16439	16220	3	5892
985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+}\bar{D}^{*0} D_s^{*+} D_1^-)$	16505	16283	3	5895
986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	16511	5259	3	5898

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	16575	16350	3	5901
988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	16589	16364	3	5904
989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	1569	1566	3	5907
990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	16646	16421	3	5910
991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}a_1^-)$	16654	16429	3	5913
992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}D_s^{*+})$	1570	1567	3	5916
993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	16739	16512	3	5919
994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	16740	16513	3	5922
995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+D^{*+})$	16749	13280	3	5925
996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	5828	5804	3	5928
997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}D_s^{*-})$	5842	5818	3	5931
998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}D^{*0}\bar{D}^{*0})$	17015	16782	3	5934
999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_1^+a_1^+)$	17039	16806	3	5937
1000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D_1^+)$	17120	16885	3	5940
1001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	3406	3397	3	5943
1002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_1^+D_1^-)$	2246	2240	3	5946
1003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^{*+}\bar{D}^{*-})$	3426	3416	3	5949

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}D_s^-)$	17318	17078	3	5952
1005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^0)$	17377	17136	3	5955
1006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-})$	17446	17204	3	5958
1007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^*D^+D^{*+}\bar{D}^{*-}D_s^{*-})$	17539	17296	3	5961
1008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*+})$	17565	17321	3	5964
1009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}D_2^{*+})$	5906	5882	3	5967
1010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	17577	17333	3	5970
1011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*+}D_1^-)$	17656	17412	3	5973
1012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^-D^{*+})$	17671	17426	3	5976
1013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{D}^0D_s^{*+})$	17674	17429	3	5979
1014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to D^+D^-D_s^+n\bar{p})$	5920	5896	3	5982
1015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}D^{*+})$	849	848	3	5985
1016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D_2^{*-}D_s^+)$	18015	17764	3	5988
1017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*-})$	18045	17792	3	5991
1018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	18161	17908	3	5994
1019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^-)$	18229	17976	3	5997
1020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	5956	5932	3	6000

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{D}^0D_s^+D_1^+)$	18348	18093	3	6003
1022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^{*0}D_s^+)$	18358	18102	3	6006
1023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \tau^+\nu_\tau D^-D^{*+}D_{s1}'^-)$	5979	5955	3	6009
1024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^{*+}D^{*+})$	18383	18127	3	6012
1025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^{*+}D_1^-)$	18415	18158	3	6015
1026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta D^+D^-)$	18485	18228	3	6018
1027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	18526	18269	3	6021
1028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}a_1^-)$	18590	18332	3	6024
1029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^-D^{*+}D^{*+}\bar{D}^{*0})$	18786	18524	3	6027
1030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_s^{*-})$	18934	18669	3	6030
1031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+D^+D^-D_s^{*-})$	5983	5959	3	6033
1032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-})$	5991	5967	3	6036
1033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+})$	2254	2248	3	6039
1034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D^0\bar{D}^{*0})$	19132	18864	3	6042
1035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}D_2^{*-})$	19135	18867	3	6045
1036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^+)$	19144	18876	3	6048
1037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^+D^-)$	19147	18879	3	6051

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-D^+\bar{D}^{*-})$	19211	18942	3	6054
1039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	19258	18989	3	6057
1040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}\bar{\Delta}^-\Delta^0)$	1580	1577	3	6060
1041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^+\bar{D}^{*-})$	19311	19041	3	6063
1042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^-)$	19419	19146	3	6066
1043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}\bar{D}^{*-}n\bar{n})$	850	849	3	6069
1044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}D^0D_s^{*-})$	6120	6094	3	6072
1045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	19823	19542	3	6075
1046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Delta^0\bar{\Sigma}_c^-)$	19854	19572	3	6078
1047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	6128	6102	3	6081
1048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	20033	19747	3	6084
1049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+D^-D^{*+}a_1^-)$	20071	19785	3	6087
1050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^0D^+D^-D^{*+}a_1^-)$	20337	20047	3	6090
1051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+K^0\bar{K}^*D^-$ $(e^+e^- \to \pi^+K^0\bar{K}^*K^+D^-\bar{D}^{*-}D^{*0})$	20470	20179	3	6093
1052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	20588	20292	3	6096
1053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^0D_s^+)$	3456	3446	3	6099
1054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\omega D^{*+}\bar{D}^{*-})$	1594	1590	3	6102

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{D}^{*-}D^0)$	20870	20572	3	6105
1056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D^{*+}D^{*0})$	20898	20600	3	6108
1057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^+D^{*+}\bar{D}^{*-})$	21014	3785	3	6111
1058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	21025	20724	3	6114
1059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+D^-D^{*+})$	21302	10294	3	6117
1060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	6178	6151	3	6120
1061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}a_1^+)$	21854	21531	3	6123
1062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^*D^-D^{*+}\bar{D}^{*-})$	22085	21759	3	6126
1063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\omega D^+D^{*+})$	22217	21887	3	6129
1064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*-}D_s^+)$	22370	22039	3	6132
1065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^-D^{*+})$	22675	22332	3	6135
1066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}D_s^-)$	22725	22380	3	6138
1067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-D^-)$	22767	22419	3	6141
1068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}D_s^{*-})$	22854	22504	3	6144
1069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}D_s^+)$	22991	22640	3	6147
1070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_eK^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	1608	1604	3	6150
1071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^{*+}D^-D^{*+}D^0D_s^-)$	23053	22701	3	6153

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	23373	23016	3	6156
1073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0}D_s^{*+})$	23722	23358	3	6159
1074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D_1'^+)$	24085	23711	3	6162
1075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^-D_2^{*+}D_s^-)$	24568	24187	3	6165
1076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+})$	24710	24325	3	6168
1077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-})$	24797	24410	3	6171
1078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^{*+}\bar{D}^{*-}D_0^{*-})$	25660	25252	3	6174
1079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+D_1^-)$	25778	25367	3	6177
1080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^0D_s^{*+})$	26710	26269	3	6180
1081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^-D_s^{*+})$	213	213	3	6183
1082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to e^+\nu_e K^0K^-D^+\bar{D}^{*-})$	27423	26960	3	6186
1083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	27706	27236	3	6189
1084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}D^{*+}\bar{D}^{*-})$	28233	27741	3	6192
1085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^+\bar{D}^{*-})$	28412	27913	3	6195
1086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	30024	29475	3	6198
1087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^+K^{*-}D^-D^{*+})$	6169	6142	2	6200
1088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+})$	6173	6146	2	6202

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^+\omega\bar{D}^{*-} D_s^- D_1^+)$	6177	6150	2	6204
1090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to e^+\nu_e D^+ D_s^- D_1'^-)$	3091	3083	2	6206
1091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^- D^{*+}\bar{D}^{*0} D_1'^-)$	367	367	2	6208
1092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	6199	3586	2	6210
1093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\eta D^- D^{*+})$	49	49	2	6212
1094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to e^+\nu_e D^+ D_0^{*-} a_1^-)$	3100	3092	2	6214
1095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^0 D_s^+ D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^0 D^- D_s^+ D_s^{*-})$	1022	1021	2	6216
1096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^{*+}\Lambda\bar{\Sigma}_c^0)$	6219	6190	2	6218
1097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^{*0}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-} D^{*0})$	6229	6200	2	6220
1098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-} a_1^+)$	621	620	2	6222
1099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-} D^- D^{*+}\bar{D}^{*0} D_s^+)$	6258	6229	2	6224
1100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e X_u^-\eta D^+)$	3130	3122	2	6226
1101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^- D^-\bar{n}\Lambda_c^+)$	6266	6237	2	6228
1102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^+ D^{*+} D^{*+}\bar{D}^{*-})$	6269	6240	2	6230
1103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\rho^+ D^-\bar{n}\Sigma_c^+)$	3148	3140	2	6232
1104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+ D^- D^0 D_s^-)$	3151	3143	2	6234
1105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^- D^{*+}\bar{D}^0)$	6274	6245	2	6236

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega K^+D^+\bar{D}^{*-}D^{*0})$	6275	6246	2	6238
1107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^+\bar{D}^{*-}\bar{D}^{*-})$	630	629	2	6240
1108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}J/\psi)$	6307	6278	2	6242
1109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\rho^-\omega K^+D^+D^+D^-)$	3162	3154	2	6244
1110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to D^-D^{*+}\bar{\Delta}^0\Delta^+D'^-_{s1})$	207	207	2	6246
1111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^+_s, \bar{B}^0 \to \pi^+D^0D^{*-}_s$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D^+_sD^{*-}_s)$	6339	6309	2	6248
1112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D^-_s$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\bar{D}^{*-}D^0D^-_s)$	1755	1749	2	6250
1113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D^+_s, \bar{B}^0 \to \pi^0\bar{p}\Lambda^+_c$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{D}^0D^+_s\bar{p}\Lambda^+_c)$	6347	6317	2	6252
1114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-})$	6357	6326	2	6254
1115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^{*+}_s, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma^{*0}_c$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^{*+}_s\bar{\Delta}^+\Sigma^{*0}_c)$	1756	1750	2	6256
1116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a^-_1$ $(e^+e^- \to \pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}a^-_1)$	6365	6334	2	6258
1117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^+D^-)$	3178	3170	2	6260
1118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}_0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\bar{D}^{*-}D^{*+}_0)$	6379	6348	2	6262
1119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^-D^{*+})$	6382	6351	2	6264
1120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^+D^0D^{*-}_s$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-D^0D^{*-}_s)$	1760	1754	2	6266
1121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D^{*-}_s$ $(e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}D^{*-}_s)$	3185	3177	2	6268
1122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\psi', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^{*+}\psi')$	1041	1040	2	6270

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^- D^{*+}\bar{D}^0)$	6425	6393	2	6272
1124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}a_1^-)$	3209	3200	2	6274
1125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_1^+ D_1^-)$	6432	6400	2	6276
1126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \eta D^- D^{*+}D_s^{*-}\bar{n}p)$	6446	6413	2	6278
1127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- K^+ D^{*+}\bar{D}^{*-}D^{*0})$	3216	3207	2	6280
1128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\eta D^+\Delta^0\bar{\Sigma}_c^{*-})$	6455	6422	2	6282
1129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\eta'\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0\eta'\bar{D}^{*-}\eta_c)$	386	386	2	6284
1130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	209	209	2	6286
1131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to K^* K^- D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1070	1069	2	6288
1132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \bar{K}^0 K^+ D^- D^{*+}a_1^-)$	6487	6454	2	6290
1133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^{*-}D_1'^+)$	115	115	2	6292
1134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^* J/\psi, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^- K^* D^{*+}J/\psi a_1^-)$	6536	6503	2	6294
1135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\eta D^- D^{*+})$	3234	3225	2	6296
1136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+ D^+\Lambda\bar{\Sigma}_c^-)$	1795	1789	2	6298
1137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	1078	1077	2	6300
1138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^- D^+ D^-)$	51	51	2	6302
1139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\omega D^+ D^{*+})$	6563	6530	2	6304

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^+ D_2^{*-})$	3244	3235	2	6306
1141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^- D^{*+})$	6595	6562	2	6308
1142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	6598	6565	2	6310
1143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^+ D^{*+}\bar{D}^{*-}D^{*0})$	6599	6566	2	6312
1144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+ D^+\bar{D}^{*-}a_1^-)$	6610	6577	2	6314
1145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^{*+}D^-D^{*+}D^{*0})$	3250	3241	2	6316
1146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^- D^{*+})$	6630	6597	2	6318
1147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^- D^{*+}\bar{D}^{*-})$	6634	6600	2	6320
1148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+ D^-\bar{D}^{*-}D_s^+)$	1803	1797	2	6322
1149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}\bar{D}^{*-}\bar{n}p)$	3265	3256	2	6324
1150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_s^{*+})$	3270	3261	2	6326
1151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\eta K^*K^- D^{*+}\bar{D}^{*-})$	6657	6623	2	6328
1152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	6660	6626	2	6330
1153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+ D^{*+}\bar{D}^{*-}D_s^{*-})$	1085	1084	2	6332
1154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^{*+}D^{*0}\bar{D}^{*0})$	6665	6631	2	6334
1155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \eta K^*K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^*K^{*-}D^-D^{*+})$	6680	6646	2	6336
1156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta D^+\bar{D}^{*-}D_{s1}'^+)$	3274	3265	2	6338

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}D_s^{*+})$	6682	6648	2	6340
1158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta K^+D^+\bar{D}^{*-}D^{*0})$	3281	3272	2	6342
1159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}D_{s1}'^-)$	6699	6665	2	6344
1160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D_s^{*+}D_s^{*-})$	6702	6668	2	6346
1161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^-D^{*+})$	6714	6680	2	6348
1162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*0}D_s^{*+})$	676	675	2	6350
1163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^{*-}\bar{D}^{*-}\eta_c)$	221	221	2	6352
1164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+})$	1845	1839	2	6354
1165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-D^{*+}D_s^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	3297	3288	2	6356
1166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega D^+\bar{D}^{*-})$	6737	6702	2	6358
1167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	6749	6714	2	6360
1168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-})$	686	685	2	6362
1169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Sigma}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}^0)$	6762	6727	2	6364
1170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^+D^-)$	6780	6745	2	6366
1171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	223	223	2	6368
1172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-D^{*+}D_2^{*-}\bar{D}^{*0})$	6790	6755	2	6370
1173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	3324	3315	2	6372

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^- D^{*+}\bar{D}^0 D_s^+ D_s^{*-})$	53	53	2	6374
1175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{X}_{sd}\gamma)$	6802	6767	2	6376
1176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^0 D^+ D^{*+}\bar{D}^{*-})$	6819	6783	2	6378
1177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to e^+\nu_e D^+ D^- D_{s1}'^-)$	3326	3317	2	6380
1178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^- D^+\bar{D}^{*-})$	6840	6804	2	6382
1179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D^{*+}a_1^- a_1^-)$	6844	6808	2	6384
1180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+ D^- D^{*+})$	3330	3321	2	6386
1181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}D_2^{*-}D_s^+)$	1856	1850	2	6388
1182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^+ D^- D_s^{*+})$	6866	6830	2	6390
1183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^- D^+\bar{D}^{*-})$	6867	6831	2	6392
1184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- K^+ K^{*-} D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^- K^+ K^{*-} D^+\bar{D}^{*-})$	6876	6840	2	6394
1185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^- D^{*+}\bar{D}^{*-})$	3336	3327	2	6396
1186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \rho^- D^- D_2^{*+} D_{s0}^{*+})$	6889	6853	2	6398
1187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^- D^{*+})$	6895	6859	2	6400
1188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega K^* D^+ D^- D^{*+})$	6901	6865	2	6402
1189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	6903	6867	2	6404
1190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	6909	6873	2	6406

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^+D^-\bar{D}^{*-})$	6910	6874	2	6408
1192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{D}^{*-}D^0D_s^-)$	6917	6881	2	6410
1193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to K^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK^0D^+D^-\bar{D}^{*-})$	3342	3333	2	6412
1194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*0}D_s^{*-}\bar{p}\Delta^+)$	6936	6900	2	6414
1195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	3354	3345	2	6416
1196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^-D^{*+}\bar{D}^{*0})$	1858	1852	2	6418
1197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	6969	6933	2	6420
1198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^-D^{*+}D^{*+}\bar{D}^{*0})$	706	705	2	6422
1199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\omega D^-\bar{D}^{*-})$	1872	1866	2	6424
1200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-D^{*+}\bar{D}^{*-})$	6977	6941	2	6426
1201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	3379	3370	2	6428
1202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K^*D^{*+}\bar{D}^{*-}D^0D_s^-)$	3382	3373	2	6430
1203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	410	410	2	6432
1204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}D_1^-)$	6996	6959	2	6434
1205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^{*-}D^{*+}\bar{D}^{*0}D_1'^-)$	3391	3382	2	6436
1206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to D^-D^{*+}D_s^{*+}n\bar{p})$	3396	3387	2	6438
1207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	7006	6969	2	6440

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^+ K^- D^+ \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e \rho^+ K^- D^+ D^- \bar{D}^{*-})$	1141	1140	2	6442
1209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^+ D^- D^{*+} D^{*0})$	7022	6985	2	6444
1210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- K^* D^+ D^+ \bar{D}^{*-})$	1895	1889	2	6446
1211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \bar{K}^0 K^+ D^-, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \bar{K}^0 K^+ D^- D^{*+})$	3405	3396	2	6448
1212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to e^+\nu_e \pi^0\pi^+ D^0 D_s^{*-} D_0^{*-})$	1897	1891	2	6450
1213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^- \bar{\nu}_\tau D^- D_2^{*+} D_s^{*+})$	7043	7006	2	6452
1214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* D^+ D^{*+} \bar{D}^{*-})$	3410	3401	2	6454
1215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ \bar{D}^{*-}, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\rho^0\pi^+ D^+ \bar{D}^{*-})$	7065	7027	2	6456
1216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0\pi^+\pi^-\rho^+\eta D^- D^{*+})$	1898	1892	2	6458
1217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{n}p, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+ D^+ D^- \bar{n}p)$	7072	7033	2	6460
1218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D^+$ $(e^+e^- \to e^- \bar{\nu}_e \rho^0\rho^+ D^+ \bar{D}^{*-})$	709	708	2	6462
1219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \rho^+ \bar{K}^0 D^- D^{*+} \bar{D}^{*-})$	1155	1154	2	6464
1220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+} \bar{D}^{*-})$	7089	7050	2	6466
1221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} \bar{D}^{*-} D^0, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to K^{*+} D^{*+} \bar{D}^{*-} D^0 D_s^{*-})$	7101	7062	2	6468
1222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \mu^+\nu_\mu \bar{D}^{*-} D_s^- D_1^+)$	7105	7066	2	6470
1223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} \bar{D}^{*-} a_1^+)$	3	3	2	6472
1224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e \bar{D}^{*-} D^0 n\bar{\Delta}^0)$	3434	3424	2	6474

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D_1'^+)$	7124	7085	2	6476
1226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-D_2^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^-D_2^{*+})$	718	717	2	6478
1227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega K^-D^+D^-\bar{D}^{*0})$	3444	3434	2	6480
1228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_1'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}D_1'^+)$	7146	7107	2	6482
1229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	1161	1160	2	6484
1230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	7175	7135	2	6486
1231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_s^+D_0^{*+})$	7179	7139	2	6488
1232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^+\bar{K}^0D^-\bar{D}^{*-}D^{*0})$	7180	7140	2	6490
1233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^{*+}D_2^{*-}\bar{D}^{*0})$	7181	7141	2	6492
1234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to K^*K^-K^{*+}D^-D^{*+}D^0)$	7196	7156	2	6494
1235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^{*+}D_1^+)$	7227	7187	2	6496
1236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-})$	417	417	2	6498
1237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^+D^-D_s^+)$	7239	7199	2	6500
1238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}D_s^{*-})$	1937	1931	2	6502
1239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	1164	1163	2	6504
1240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+D^+D^-D^{*0})$	1940	1934	2	6506
1241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to D^-D_s^{*+}$ $(e^+e^- \to \pi^+D^-\bar{D}^{*-}D_s^{*+})$	7252	7212	2	6508

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^- D^{*0}D_0^{*-})$	7253	7213	2	6510
1243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^{*+}D^{*0}\bar{D}^{*0})$	1944	1938	2	6512
1244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^- D^{*+}\bar{D}^{*0}D_s^+D_s^{*-})$	7278	7236	2	6514
1245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^+\rho^- D^+\bar{D}^{*-})$	1167	1166	2	6516
1246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-})$	7291	7249	2	6518
1247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^* K^- D^- D^{*+})$	7303	7260	2	6520
1248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-}D^{*0}D_1^+)$	7322	7279	2	6522
1249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^* D^- D^{*+}\bar{D}^{*-})$	7349	7306	2	6524
1250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^- D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^- D^{*0}D_1'^+)$	7354	7311	2	6526
1251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^- D^+\bar{D}^0)$	7355	7312	2	6528
1252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^- D^{*+}\bar{D}^{*0}D_0^{*-})$	7372	7329	2	6530
1253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\rho^-\rho^- D^+\bar{D}^{*-})$	7381	7338	2	6532
1254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}D_s^{*-})$	7388	7345	2	6534
1255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{p}\Sigma_c^{++})$	7390	7347	2	6536
1256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^0 n\bar{n}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D^0 n\bar{n})$	7395	7352	2	6538
1257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^+ D^{*+}\bar{D}^{*-}D_s^{*-})$	7407	7364	2	6540
1258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^+)$	7411	7368	2	6542

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_s^{*+}D_1^-)$	3497	3487	2	6544
1260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+D_s^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^+D^-D_s^-\gamma)$	7426	7383	2	6546
1261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_s^+D_1^+)$	7436	7393	2	6548
1262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0D^-D^{*+}D_s^{*+}a_1^-)$	3500	3490	2	6550
1263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}D_s^+)$	7444	7401	2	6552
1264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	236	236	2	6554
1265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_1^+D_{s0}^{*+})$	7449	7406	2	6556
1266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	1974	1968	2	6558
1267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+D^+D^-D_s^-)$	1177	1176	2	6560
1268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\eta K^{*-}D^-D^{*+})$	1178	1177	2	6562
1269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^{*-}D^-J/\psi)$	1990	1984	2	6564
1270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to D_2^{*-}D_s^{*+}$ $(e^+e^- \to D^-D_2^{*-}D_s^+D_s^{*+})$	7510	7467	2	6566
1271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^-)$	7514	7471	2	6568
1272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}a_1^+\gamma)$	7522	7479	2	6570
1273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D_s^{*-}D_1^+)$	7529	7486	2	6572
1274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta D^+\bar{D}^{*-})$	7541	7498	2	6574
1275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0K^-D^+D^-)$	7548	7505	2	6576

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^-D^{*+}p\bar{p})$	7574	7531	2	6578
1277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-D^+D^-)$	730	729	2	6580
1278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0J/\psi, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^-D^{*+}\bar{D}^{*0}J/\psi)$	7583	7540	2	6582
1279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \eta\omega K^0K^-D^+$ $(e^+e^- \to \eta\omega K^0K^-D^+\bar{D}^{*-}D_{s1}'^+)$	7590	7547	2	6584
1280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^+D^+D^-D^{*0}a_1^-)$	7593	7550	2	6586
1281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^-D^{*+}D_s^+)$	3537	3527	2	6588
1282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	7615	7572	2	6590
1283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	7619	7576	2	6592
1284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^-D_0^{*+})$	3540	3530	2	6594
1285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^{*+}\bar{D}^{*-})$	3560	3550	2	6596
1286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*-}D_1^+)$	3563	3553	2	6598
1287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^0D_s^{*+}D_1'^-)$	3574	3564	2	6600
1288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega D^-\bar{n}\Sigma_c^0)$	1999	1993	2	6602
1289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^+D^{*+})$	2000	1994	2	6604
1290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+D^+D^-)$	1182	1181	2	6606
1291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_2^{*+}a_1^+)$	7693	7648	2	6608
1292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_2^{*-}D_s^-)$	1186	1185	2	6610

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-})$	7699	7654	2	6612
1294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-D_0^{*-})$	7710	1696	2	6614
1295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	2017	2011	2	6616
1296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\omega\omega D^-D^{*+})$	3621	3610	2	6618
1297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to e^+\nu_eK^*K^{*-}D^+\bar{D}^{*-})$	1187	1186	2	6620
1298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-D^+\bar{D}^{*-})$	3632	3621	2	6622
1299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}D_s^{*-})$	1188	1187	2	6624
1300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}\bar{D}^{*-})$	3657	3646	2	6626
1301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}D^{*+})$	7788	7742	2	6628
1302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^{*+}\bar{D}^{*-})$	3661	3650	2	6630
1303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0K^-D^{*+}D^{*+})$	7794	7748	2	6632
1304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^0D_s^{*+})$	7801	7754	2	6634
1305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^-)$	3667	3656	2	6636
1306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_{s1}'^+)$	7820	7773	2	6638
1307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^{*+}D_s^{*-})$	7825	7778	2	6640
1308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^+D^+\bar{D}^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-\rho^-K^+D^+D^+\bar{D}^0D_s^{*-})$	3679	3668	2	6642
1309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega D^+\bar{D}^{*-}a_1^+)$	2027	2021	2	6644

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^-D^+\bar{D}^{*-})$	2029	2023	2	6646
1311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_1'^-)$	7871	875	2	6648
1312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D_s^+D_1^-)$	3708	3697	2	6650
1313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_s^{*+}\gamma)$	7886	7836	2	6652
1314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^-D^{*+})$	2034	2028	2	6654
1315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}D_s^-\gamma)$	7888	7838	2	6656
1316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^+a_1^-)$	7891	7841	2	6658
1317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0\bar{n}p)$	3714	3703	2	6660
1318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D_2^{*-}D_s^+)$	3717	3706	2	6662
1319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D^{*+}\bar{D}^{*0})$	3725	3714	2	6664
1320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-D^{*+}D^{*+})$	3739	3728	2	6666
1321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_s^{*+})$	7930	7877	2	6668
1322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	7934	7881	2	6670
1323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \tau^+\nu_\tau D^-D_s^{*-}D_1^+)$	3743	3732	2	6672
1324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	3749	3738	2	6674
1325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}D_s^{*+}D_1'^-D_{s1}'^-)$	3752	3741	2	6676
1326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^*D^{*+}D^{*+}\bar{D}^{*-}D_{s1}'^-)$	7986	7931	2	6678

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^-D_{s1}'^+)$	1192	1191	2	6680
1328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to e^+\nu_e\rho^-D^{*+}\bar{D}^{*-}\gamma)$	3768	3757	2	6682
1329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+\eta'D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta'D^-\bar{D}^{*-})$	8010	7955	2	6684
1330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^-D^0D_s^{*-})$	3774	3763	2	6686
1331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}a_1^-)$	8015	7960	2	6688
1332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+D_s^{*-}K_1^0\psi')$	3778	3767	2	6690
1333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D^-\bar{n}p)$	8049	7993	2	6692
1334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	8059	8003	2	6694
1335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^0D^+D^{*+}\bar{D}^{*-}D_s^{*-})$	8080	8024	2	6696
1336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}D^0)$	8119	8062	2	6698
1337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta'D^+\bar{D}^{*-})$	8124	8067	2	6700
1338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to e^+\nu_eD^-$ $(e^+e^- \to e^+\nu_e\pi^+D^-D^-)$	8129	8072	2	6702
1339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+\eta_c)$	3781	3770	2	6704
1340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+D^+\bar{D}^{*-}D_s^-)$	8143	8086	2	6706
1341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D_1^+)$	3783	3772	2	6708
1342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^+D_1^-)$	3785	3774	2	6710
1343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}n\bar{p})$	8152	8095	2	6712

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_S\bar{D}^{*-}\eta_c)$	8169	8111	2	6714
1345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}n\bar{p})$	8171	8113	2	6716
1346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\eta D^+D^-a_1^-)$	8174	8116	2	6718
1347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D_2^{*+})$	8182	8124	2	6720
1348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^{*+}\bar{D}^{*-})$	8188	8130	2	6722
1349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^+D^-D^{*+}D_s^-)$	8192	8134	2	6724
1350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+D^-)$	3792	3781	2	6726
1351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^{*+}D_1^-)$	8194	8136	2	6728
1352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_s^{*+})$	8199	755	2	6730
1353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega\omega D^-D^{*+})$	8201	8142	2	6732
1354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^-D^{*+})$	8202	2445	2	6734
1355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+D^-\bar{D}^{*-})$	8213	8153	2	6736
1356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^{*+}D_2^{*-})$	241	241	2	6738
1357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-D^+D^-)$	8226	8165	2	6740
1358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}J/\psi)$	438	438	2	6742
1359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to e^+\nu_e K^+D^-\bar{D}^{*-}D^{*0})$	8238	8177	2	6744
1360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^+D^-\Sigma^0\bar{\Sigma}^0)$	3804	3793	2	6746

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^+)$	8242	8181	2	6748
1362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^- n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^-D^{*+}n\bar{n})$	3819	3808	2	6750
1363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-}D_1^+)$	3826	3815	2	6752
1364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-D^-D^{*+})$	2047	2041	2	6754
1365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^+D_1'^-)$	8274	8213	2	6756
1366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^-D_2^{*+}D_s^{*-})$	8283	8222	2	6758
1367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	8325	8263	2	6760
1368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+)$	8331	8269	2	6762
1369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	242	242	2	6764
1370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^{*-}D^+\bar{D}^{*-})$	8340	8278	2	6766
1371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0\bar{D}^{*-}\eta_c)$	3840	3829	2	6768
1372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+D_1^-)$	3843	3832	2	6770
1373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	2070	2064	2	6772
1374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}D_s^-)$	8357	8295	2	6774
1375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	8368	8306	2	6776
1376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^+D_s^-D_1^-)$	1227	1226	2	6778
1377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0)$	3855	3843	2	6780

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega K^+D^+\bar{D}^{*-}D^0)$	8381	8319	2	6782
1379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-D_{s0}^{*+})$	8383	8321	2	6784
1380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^+\bar{D}^{*-}\gamma)$	3867	3855	2	6786
1381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}D_2^{*-}D_s^{*+})$	8422	8360	2	6788
1382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^{*+}D_1'^-)$	1229	1228	2	6790
1383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	8468	8405	2	6792
1384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^-D^-\bar{D}^{*-})$	251	251	2	6794
1385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to e^+\nu_eD_2^{*+}D_s^-D_1'^-)$	8480	8417	2	6796
1386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D_0^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_0^{*-})$	8481	6951	2	6798
1387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0D^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0D^-\bar{D}^{*-}D_s^{*+})$	8482	8418	2	6800
1388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{D}^{*-})$	2092	2086	2	6802
1389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-})$	8508	8444	2	6804
1390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-D^+D^-)$	8529	8465	2	6806
1391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D_0^{*-}$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}D_0^{*-})$	3886	3874	2	6808
1392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^{*0}D_s^{*-})$	8571	8507	2	6810
1393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^+\bar{D}^{*-})$	3887	3875	2	6812
1394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Xi_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{p}\Xi_c^+)$	8595	8531	2	6814

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	2098	2092	2	6816
1396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^{*+}\bar{D}^0D^{*0})$	8604	8540	2	6818
1397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	8617	8553	2	6820
1398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-\bar{\Delta}^+\Sigma_c^{++})$	8618	8554	2	6822
1399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e\pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0)$	61	61	2	6824
1400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^+D^{*0}D_s^-$ $(e^+e^- \to e^+\nu_e\rho^+D^-D^{*0}D_s^-)$	8635	8571	2	6826
1401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+})$	1254	1253	2	6828
1402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_eD^+D_s^{*-}D_0^{*-})$	8661	8596	2	6830
1403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	8666	8601	2	6832
1404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-})$	8680	8615	2	6834
1405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_eK^-D^+D^-\bar{D}^0)$	8682	8617	2	6836
1406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^+\bar{K}^*D^+D^-\bar{D}^{*-})$	8689	593	2	6838
1407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	8701	8635	2	6840
1408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+D_{s1}'^+)$	2126	2120	2	6842
1409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^-D^{*+})$	3907	3895	2	6844
1410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}D_2^{*+}\bar{D}^{*0}D_s^-)$	8750	8684	2	6846
1411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D_2^{*-}D^0\bar{D}^{*0})$	3908	3896	2	6848

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \tau^+\nu_\tau\rho^- D^- D^{*+}\gamma)$	8764	8698	2	6850
1413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to e^+\nu_e D^{*+} D_2^{*-} D_{s1}'^-)$	8766	8700	2	6852
1414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-})$	8769	8703	2	6854
1415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^{*+} D_1^-)$	2135	2129	2	6856
1416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+ J/\psi K_1^0)$	8780	8714	2	6858
1417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* D^{*+} J/\psi)$	3912	3900	2	6860
1418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	8828	8762	2	6862
1419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^* D^+ D^- D^{*+})$	127	127	2	6864
1420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+} D^+ D^- D^{*0})$	8837	8770	2	6866
1421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\omega D^{*+}\bar{D}^{*-})$	8839	8772	2	6868
1422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	2150	2144	2	6870
1423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^{*+} D_0^{*-})$	66	66	2	6872
1424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{D}^{*-} D^0)$	8878	8811	2	6874
1425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \rho^+ K^- K^{*+} D^+\bar{D}^{*-} D_s^-)$	3958	3946	2	6876
1426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0 D^+\bar{D}^{*-})$	8896	8829	2	6878
1427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ n\bar{\Sigma}_c^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ n\bar{\Sigma}_c^- D_1^+)$	8901	8834	2	6880
1428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	8903	8836	2	6882

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0D^-D_s^+$ $(e^+e^- \to \pi^0\rho^+D^-\bar{D}^{*-}D_s^+)$	8921	8854	2	6884
1430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_e\eta D^-D^{*+}a_1^-)$	3959	3947	2	6886
1431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\bar{D}^{*-}\bar{D}^{*-})$	8957	8889	2	6888
1432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^*D^{*+}D^{*+}\bar{D}^0)$	2158	2152	2	6890
1433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^+D^-D^{*+})$	8987	8919	2	6892
1434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	8989	8921	2	6894
1435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	3972	3960	2	6896
1436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^-D^{*+}D_s^{*+}D_{s1}'^-)$	485	485	2	6898
1437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\rho^-D^-\bar{D}^{*-})$	9022	8954	2	6900
1438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^-D^{*+}D_s^{*-})$	9023	8955	2	6902
1439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^+D^-)$	9025	779	2	6904
1440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^-D^{*+})$	2162	2156	2	6906
1441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+K^{*-}D^+D^0\bar{D}^0D_s^{*-})$	9046	8977	2	6908
1442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \bar{K}^0K^+D^-D^{*+}D_{s1}'^-)$	3982	3970	2	6910
1443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-D^-D^{*+})$	3985	3973	2	6912
1444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to e^+\nu_e\pi^+K^{*-}\bar{D}^{*-}\eta_c)$	2163	2157	2	6914
1445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^{*0}D_0^{*-})$	768	767	2	6916

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}D_s^- D_1'^-)$	4013	4001	2	6918
1447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0K^*D^-D^{*+})$	775	774	2	6920
1448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-}a_1^+)$	9087	9016	2	6922
1449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-D^-D^{*0}D_s^{*+})$	1279	1278	2	6924
1450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\bar{D}^{*-}\bar{n}\Sigma_c^0a_1^+)$	9115	9043	2	6926
1451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^-D^+D^-\bar{D}^{*0})$	9117	9045	2	6928
1452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+\bar{D}^{*-})$	9119	9047	2	6930
1453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^-D^{*+})$	2206	2200	2	6932
1454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^+K^0K^-D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	788	787	2	6934
1455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_1^+)$	4029	4017	2	6936
1456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0D^{*+}\bar{D}^{*0})$	4031	4019	2	6938
1457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}D_{s1}'^+)$	9158	9084	2	6940
1458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^0D_s^{*-}\Delta^0\bar{\Delta}^0)$	9161	9087	2	6942
1459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \bar{D}^{*-}D^{*0}D_s^{*+}n\bar{\Delta}^0)$	9183	9109	2	6944
1460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D_2^{*-}D_s^{*+})$	9189	9115	2	6946
1461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	9197	9123	2	6948
1462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\omega D^+D^-)$	9199	9125	2	6950

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-D^-D^{*+})$	1289	1287	2	6952
1464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^-\bar{D}^{*-})$	9206	9132	2	6954
1465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	4046	4034	2	6956
1466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^-K^+D^+\bar{D}^{*-}D^{*0}n\bar{p})$	2227	2221	2	6958
1467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-K^*D^{*+}\bar{D}^{*-}D^0)$	9234	9160	2	6960
1468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^*D^-D^{*+}D^{*+})$	9271	9195	2	6962
1469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	4055	4043	2	6964
1470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}a_1^-)$	9280	9204	2	6966
1471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	4056	4044	2	6968
1472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*0})$	9286	9210	2	6970
1473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega D^{*+}\bar{D}^{*-})$	1297	1295	2	6972
1474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}a_1^+)$	9312	9236	2	6974
1475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^-D^{*+})$	9314	9238	2	6976
1476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	9328	9251	2	6978
1477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}a_1^+\gamma)$	801	800	2	6980
1478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-D^0\bar{D}^0n\bar{n})$	9353	9275	2	6982
1479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^+D_1^-)$	9380	9302	2	6984

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^- D^{*+})$	9382	9304	2	6986
1481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}D_2^{*+}D_s^{*-}D_s^{*-})$	4073	4061	2	6988
1482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0 D^- D^{*+})$	9386	9308	2	6990
1483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--})$	9397	9318	2	6992
1484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\Delta^+\bar{\Sigma}_c^{--})$	9411	9332	2	6994
1485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^+\bar{D}^{*-}D^0D^{*0}D_s^{*-})$	9415	9336	2	6996
1486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}\bar{p}\Lambda_c^+)$	9435	9356	2	6998
1487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e K^0K^{*-}D^-D^{*+})$	9441	9362	2	7000
1488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	9448	9369	2	7002
1489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^-\bar{D}^0D_s^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{D}^0D_s^+)$	9451	9372	2	7004
1490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}D_2^{*+}D_s^-)$	133	133	2	7006
1491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^*D^{*+}J/\psi)$	809	808	2	7008
1492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to e^+\nu_e D_s^{*-}D_1^-D_1'^+)$	9484	9405	2	7010
1493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}a_1^+D_1'^+)$	9490	9411	2	7012
1494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\pi^-K^0D^+D^{*+}\bar{D}^0)$	9492	9413	2	7014
1495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	9499	9420	2	7016
1496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}D_{s1}'^-)$	9501	9422	2	7018

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^+D^{*+}D_s^-)$	9508	9429	2	7020
1498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega\omega D^+D^-)$	9525	9446	2	7022
1499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^-\eta K^+D^+\bar{D}^{*-}D^{*0})$	9530	9451	2	7024
1500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0D^-D_s^{*+}$ $(e^+e^- \to \pi^0D^-\bar{D}^{*-}D_s^{*+}D_s^{*+})$	4094	4081	2	7026
1501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	4095	4082	2	7028
1502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_0^{*+}a_1^+)$	9540	9461	2	7030
1503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-})$	9551	9472	2	7032
1504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0K^*K^-D^+\bar{D}^{*-})$	9552	9473	2	7034
1505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	1306	1304	2	7036
1506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^+D^-D_s^{*-})$	4102	4089	2	7038
1507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	9588	9508	2	7040
1508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^+D^-)$	4104	4091	2	7042
1509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^-D^{*+}D_{s1}'^+)$	9600	9520	2	7044
1510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^-D_2^{*+})$	9601	9521	2	7046
1511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\omega D^-D^{*+})$	9605	9525	2	7048
1512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \tau^+\nu_\tau D^+D^-a_1^-)$	9611	9531	2	7050
1513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to X_{sd}\gamma, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \tau^+\nu_\tau D^-X_{sd}\gamma)$	1314	1312	2	7052

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta K^{*+}D^-D^{*+}D^{*0})$	9668	9587	2	7054
1515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	490	490	2	7056
1516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}D_s^+)$	9682	9601	2	7058
1517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}D^{*+})$	2266	2260	2	7060
1518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	9696	9615	2	7062
1519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to e^+\nu_eD^-D^{*+}\bar{D}^{*-})$	9710	9629	2	7064
1520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \bar{K}^0K^+D^-$ $(e^+e^- \to e^+\nu_e\bar{K}^0K^+D^-\bar{D}^{*-})$	4158	4145	2	7066
1521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega D^+D^-)$	9720	9639	2	7068
1522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}D_s^+)$	2276	2270	2	7070
1523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^-D^{*+})$	9729	9648	2	7072
1524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-}a_1^+)$	9737	9656	2	7074
1525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^{*+}D^{*+}\bar{D}^0)$	9738	9657	2	7076
1526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+})$	1323	1321	2	7078
1527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^{*+}D_1^-)$	2291	2285	2	7080
1528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^0K^-D^-D^{*+})$	2297	2291	2	7082
1529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^-D^{*+})$	9776	9694	2	7084
1530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to e^+\nu_eK^{*+}D^-\bar{D}^{*-}D^{*0})$	9777	9695	2	7086

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^- D^{*+})$	1326	1324	2	7088
1532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D_0^{*+})$	1328	1326	2	7090
1533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0D^+D^-D_1^+)$	2310	2304	2	7092
1534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*+}D_s^{*-})$	9803	9721	2	7094
1535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-a_1^+)$	9835	9753	2	7096
1536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0D^+\bar{D}^{*-}\bar{D}^{*-})$	9844	9762	2	7098
1537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	2312	2306	2	7100
1538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_{s0}^{*+})$	9850	9768	2	7102
1539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^-)$	2313	2307	2	7104
1540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-D^-D^{*+}D_s^{*-})$	9883	9800	2	7106
1541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_1^+)$	9887	9804	2	7108
1542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	9896	9813	2	7110
1543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}D_{s1}'^+)$	815	814	2	7112
1544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	9901	9818	2	7114
1545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}a_1^+)$	9908	9824	2	7116
1546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}\eta_c)$	9910	9826	2	7118
1547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_0^{*-}, B^0 \to \rho^0K^0J/\psi$ $(e^+e^- \to e^+\nu_e\rho^0K^0J/\psi D_0^{*-})$	9920	9836	2	7120

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to e^+\nu_e D^+ D_s^- D_1^-)$	9946	9862	2	7122
1549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D_2^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\bar{D}^{*-}D_2^{*-})$	9954	9870	2	7124
1550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-})$	9959	9875	2	7126
1551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0D^-D^{*+}D_s^{*-}\bar{n}p)$	826	825	2	7128
1552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}\bar{D}^{*-}D^{*0}D_1^+)$	9967	9883	2	7130
1553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-}D_s^{*-})$	9974	9890	2	7132
1554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta\bar{K}^0K^{*+}D^+D^-)$	4231	4218	2	7134
1555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_{s1}'^+)$	4235	4222	2	7136
1556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\omega K^-D^+D^{*+}\bar{D}^{*0})$	10014	9930	2	7138
1557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+D^-D^-)$	10016	9932	2	7140
1558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}D_s^{*-})$	10018	1187	2	7142
1559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^+D^-)$	10020	9935	2	7144
1560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-})$	10029	9944	2	7146
1561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D_s^-D_s^{*+}D_0^{*+})$	2341	2335	2	7148
1562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{D}^0D_s^+)$	10034	9949	2	7150
1563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \bar{K}^*D^-D^-D^{*+}D_s^+)$	1333	1331	2	7152
1564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0})$	10055	9969	2	7154

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to K^0 D^{*+}\bar{D}^{*-} D_2^{*+} D_s^-)$	2355	2349	2	7156
1566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0 D^- D^{*+} D_s^+ D_{s1}'^-)$	4274	4261	2	7158
1567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	4276	4263	2	7160
1568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c1}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^{*+}\chi_{c1})$	492	492	2	7162
1569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0})$	833	832	2	7164
1570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-} D_0^{*+})$	4309	4295	2	7166
1571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+ D_2^{*+})$	280	280	2	7168
1572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta D^{*+}\bar{D}^{*-})$	10114	10025	2	7170
1573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau D^+ D^{*+})$	4321	4307	2	7172
1574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ D^- D^0 D_s^+ D_s^{*-})$	10146	10057	2	7174
1575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	4322	4308	2	7176
1576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\rho^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\rho^- D^{*+})$	10158	10069	2	7178
1577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\eta D^+\bar{D}^{*-})$	4330	4316	2	7180
1578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^{*+} D_s^{*-} D_1^-)$	10167	10078	2	7182
1579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+ K^0 K^- D^-, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+ K^0 K^- K^- D^+ D^-\bar{D}^{*0})$	10169	10080	2	7184
1580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+ D^{*+}\bar{D}^{*-})$	10171	10082	2	7186
1581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\chi_{c0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- K^0 D^+\chi_{c0})$	10176	10087	2	7188

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to K^0\bar{K}^* D^- D^{*+} D^{*+}\bar{D}^{*-})$	10178	10089	2	7190
1583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1'^+)$	288	288	2	7192
1584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\eta_c)$	10202	10112	2	7194
1585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{n}\Sigma_c^0)$	10219	10129	2	7196
1586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+D^-)$	10232	10142	2	7198
1587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^+D^-)$	10244	10154	2	7200
1588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}a_1^+)$	2371	2365	2	7202
1589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^+D^+D^-)$	10248	10158	2	7204
1590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^{*+}\bar{D}^{*-})$	10260	10170	2	7206
1591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+D_1'^-)$	4347	4333	2	7208
1592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*-}D_s^+)$	2387	2381	2	7210
1593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^-D^{*+}D_s^{*+}D_s^{*-})$	10312	10222	2	7212
1594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^0\bar{n}\Delta^0)$	2390	2384	2	7214
1595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	10379	10288	2	7216
1596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^-D^{*+}D_s^{*-}a_1^+)$	10397	10306	2	7218
1597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	10408	10317	2	7220
1598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^+D^-\bar{D}^{*0})$	10410	10319	2	7222

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\omega D^{*+}\bar{D}^{*-}n\bar{p})$	10413	10322	2	7224
1600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	1363	1361	2	7226
1601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_2^{*+})$	10451	10358	2	7228
1602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^-a_1^+)$	10487	10394	2	7230
1603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-D^{*+}n\bar{\Sigma}_c^0)$	10508	10414	2	7232
1604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-})$	4370	4356	2	7234
1605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^*\bar{K}^*D^+\bar{D}^{*-})$	10521	10427	2	7236
1606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*0}\bar{n}\Delta^0)$	10539	10445	2	7238
1607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta D^-D^{*+})$	10547	1804	2	7240
1608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_0^{*+}D_1^-)$	10551	10456	2	7242
1609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^-D^{*+}D^{*0})$	10556	10461	2	7244
1610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_0^{*+})$	4379	4365	2	7246
1611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega D^+D^-D_s^{*-})$	10590	10495	2	7248
1612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^+D^-D^-)$	4395	4381	2	7250
1613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+J/\psi)$	10627	10532	2	7252
1614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^+D^{*+}D_s^-D_s^{*-})$	10642	10547	2	7254
1615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^{*+}\bar{D}^{*-})$	10644	7592	2	7256

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^- D^{*+} D^{*+} D_s^-)$	10652	10556	2	7258
1617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D^{*0})$	2403	2397	2	7260
1618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta D^+ \bar{D}^{*-})$	2407	2401	2	7262
1619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to D_s^{*-} D_1'^+$ $(e^+e^- \to D^- D_s^+ D_s^{*-} D_1'^+)$	10707	10610	2	7264
1620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^0)$	1375	1373	2	7266
1621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^+\eta D^{*+} \bar{D}^{*-} D_s^{*-})$	4416	4402	2	7268
1622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^+ D^- D^{*+})$	2414	2408	2	7270
1623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ K^+ \bar{D}^{*-} D^0)$	10787	10690	2	7272
1624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \Delta^+ \bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- D^{*+} \Delta^+ \bar{\Sigma}_c^{*0})$	10794	10697	2	7274
1625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D_1^- D_1'^+)$	10827	10729	2	7276
1626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- \bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 D^- D^{*+} \bar{n}p)$	4425	4411	2	7278
1627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^{*+} D_s^{*+} D_1'^-)$	135	135	2	7280
1628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- \bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^{*+} \bar{D}^0)$	10834	10736	2	7282
1629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+} D^0)$	10845	10747	2	7284
1630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e \bar{D}^{*-} D^0 p\bar{\Delta}^+)$	10846	10748	2	7286
1631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^- D_0^{*+})$	1382	1380	2	7288
1632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- \bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+ \bar{D}^{*0})$	10855	108	2	7290

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}a_1^-)$	1383	1381	2	7292
1634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+D^-D^{*+})$	10874	10775	2	7294
1635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^{*0}D_s^-)$	1396	1394	2	7296
1636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to D_2^{*+}D_s^-D_s^{*+}D_1^-)$	10889	10790	2	7298
1637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}\bar{n}\Sigma_c^0)$	4456	4442	2	7300
1638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\omega D^{*+}D_1^-)$	10902	10803	2	7302
1639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\eta D^-D^{*+}a_1^-)$	295	295	2	7304
1640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^+D^-D^-D^{*0})$	4464	4450	2	7306
1641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	10960	10859	2	7308
1642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^-D^{*+})$	4469	2357	2	7310
1643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\bar{D}^{*-}D_0^{*+})$	10975	10873	2	7312
1644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	1404	1402	2	7314
1645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+\bar{D}^{*-})$	4490	4475	2	7316
1646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\bar{K}^0K^+D^-D^{*+})$	10998	10895	2	7318
1647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^{*0}D_s^-)$	11019	10916	2	7320
1648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^0D^{*+}D^0\bar{D}^{*0}a_1^-)$	11020	10917	2	7322
1649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-})$	11027	10924	2	7324

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	11037	10934	2	7326
1651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^+\rho^- D^+\bar{D}^{*-})$	4493	4478	2	7328
1652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ D^+ D^-)$	11043	10940	2	7330
1653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_0^{*+})$	11045	10942	2	7332
1654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^{*+}\bar{D}^{*-}D_s^+)$	11055	10952	2	7334
1655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^{*+}\bar{D}^{*0}D_{s1}'^-)$	2452	2446	2	7336
1656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^+ D^- D_s^{*+})$	1405	1403	2	7338
1657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+}\bar{D}^0 D^{*0})$	11064	10960	2	7340
1658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^0 D_s^{*+})$	11083	10979	2	7342
1659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+ p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^- D^+\bar{D}^{*-}p\bar{p})$	2460	2454	2	7344
1660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}D_s^{*+}D_1^- D_{s1}'^-)$	4558	4542	2	7346
1661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K^{*-}D^+ D^-\bar{D}^0)$	855	854	2	7348
1662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^0\bar{D}^{*-}D^0\bar{D}^{*0})$	11133	11029	2	7350
1663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma)$	11135	11031	2	7352
1664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D_0^{*+}D_1'^-)$	11139	11035	2	7354
1665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+ D^- D_1^+)$	4577	4561	2	7356
1666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^+\rho^- D^- D^{*+})$	69	69	2	7358

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}a_1^+)$	11158	9613	2	7360
1668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	4581	4565	2	7362
1669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D^{*+}\bar{D}^0)$	4582	4566	2	7364
1670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-D_s^{*+})$	11178	11072	2	7366
1671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \rho^+D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	11180	11074	2	7368
1672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^{*+}D_0^{*-})$	11181	11075	2	7370
1673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	11188	5499	2	7372
1674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^-a_1^+)$	2493	2487	2	7374
1675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}a_1^-X_{sd}\gamma)$	11207	11100	2	7376
1676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^+D^{*+}\bar{D}^{*-})$	11209	11102	2	7378
1677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta\bar{K}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	4599	4583	2	7380
1678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega\omega K^-D^-D^{*+}\bar{D}^{*0})$	76	76	2	7382
1679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^+D^-\bar{D}^{*-})$	11247	3961	2	7384
1680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0D^+D^-D^-)$	11262	11153	2	7386
1681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	11323	11212	2	7388
1682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta\bar{D}^{*-}D_2^{*+})$	11328	11217	2	7390
1683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^-D^{*+})$	11351	11240	2	7392

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^+D^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+D^-\bar{D}^{*-})$	11357	11246	2	7394
1685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_2^{*+}D_s^{*+})$	11379	11268	2	7396
1686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\rho^-D^-D^{*+})$	11382	11271	2	7398
1687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D^0n\bar{p})$	11384	11273	2	7400
1688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+K^+\bar{D}^{*-}D^{*0})$	11393	11282	2	7402
1689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^+D_0^{*-})$	11394	11283	2	7404
1690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^-\bar{D}^{*-})$	11398	9132	2	7406
1691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+)$	4616	4600	2	7408
1692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D^{*0}\bar{D}^{*0})$	11442	11328	2	7410
1693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}D_2^{*-}D_s^{*+})$	11443	11329	2	7412
1694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	11453	11339	2	7414
1695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^{*-}D^+D^-\bar{D}^{*0})$	11455	11341	2	7416
1696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	4622	4606	2	7418
1697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta D^+D^-D_s^{*-})$	11464	11350	2	7420
1698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}D^+\bar{D}^{*-}D^{*0})$	1435	1432	2	7422
1699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega\bar{D}^{*-}D_1'^+)$	11472	11358	2	7424
1700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	11479	11365	2	7426

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^* D^+ D^- \bar{D}^{*-})$	11489	11375	2	7428
1702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^+ K^+ D^- D^0 D^{*0} D_s^-)$	11493	11379	2	7430
1703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+} D^+ D^- D^{*0})$	11497	11383	2	7432
1704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^0 K^- D^{*+} \bar{D}^{*-})$	11511	11397	2	7434
1705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^- n\bar{n}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \pi^+\omega D^- D^{*+} n\bar{n})$	11520	11406	2	7436
1706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to e^+\nu_e D^- D^{*+} D_s^-)$	2511	2505	2	7438
1707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+ K^{*-} D^- D^{*+} \bar{D}^{*0})$	1444	1441	2	7440
1708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+ D^+ D_s^{*-} D_1'^-)$	11534	11420	2	7442
1709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+ \bar{D}^{*-} D_2^{*+} D^{*0})$	2516	2510	2	7444
1710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^+ \bar{D}^{*-})$	11554	11440	2	7446
1711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^+ \bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^- K^+ D^+ D^+ \bar{D}^{*-} D_s^-)$	11555	11441	2	7448
1712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+ K^- D^+ D^- \bar{D}^{*0})$	11582	11468	2	7450
1713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-})$	4670	4654	2	7452
1714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K_S D^+ J/\psi)$	11591	11477	2	7454
1715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^- \bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^- D^+ \bar{D}^0)$	11605	11490	2	7456
1716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^- D^{*+})$	2523	2517	2	7458
1717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ D^+ \bar{D}^{*-})$	11628	11512	2	7460

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^+\omega D^{*+}\bar{D}^{*-})$	2524	2518	2	7462
1719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^+D^-D^{*+})$	11641	11524	2	7464
1720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\omega D^-D^{*+})$	11643	11526	2	7466
1721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+D^+\bar{D}^{*-})$	2525	2519	2	7468
1722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	11682	11563	2	7470
1723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	4687	4671	2	7472
1724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+D_2^{*-})$	4696	4680	2	7474
1725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^-D^{*+}\bar{D}^0D_1^-)$	4727	4711	2	7476
1726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^-D_1^+)$	11747	11628	2	7478
1727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^+D^-D_s^{*+})$	11748	11629	2	7480
1728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^-D^+D_2^{*-}n\bar{n})$	4733	4717	2	7482
1729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\eta\eta D^-D^{*+}a_1^-)$	4736	4720	2	7484
1730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^-D_{s1}'^+)$	11796	11676	2	7486
1731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+)$	11802	11682	2	7488
1732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	11811	11691	2	7490
1733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+K^-D^+D^-$ $(e^+e^- \to \rho^0\pi^+K^0K^-D^+D^+D^-\bar{D}^{*-})$	2526	2520	2	7492
1734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^-D^{*+}D^{*+})$	11822	11702	2	7494

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta D^+\bar{D}^{*-})$	11833	11713	2	7496
1736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to D^{*+}D^{*+}D'^-_{s1}D'^-_{s1})$	4748	4732	2	7498
1737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D^{*-}_2$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D^{*-}_2)$	11858	8658	2	7500
1738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^{*-}_0, \bar{B}^0 \to D^+D'^-_{s1}$ $(e^+e^- \to \tau^+\nu_\tau D^+D^{*-}_0D'^-_{s1})$	11886	11765	2	7502
1739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}D'^-_{s1})$	2532	2526	2	7504
1740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a^+_1, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta D^-D^{*+}a^+_1)$	11898	11777	2	7506
1741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda^+_c$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{\Delta}^0\Lambda^+_c)$	4769	4753	2	7508
1742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^+D^-)$	11910	11789	2	7510
1743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	11922	11800	2	7512
1744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D'^+_{s1}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}D'^+_{s1})$	11928	11806	2	7514
1745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^+_s, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^-D^+_s)$	11939	10295	2	7516
1746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^+_s, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D^+_s)$	11947	11824	2	7518
1747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to D^{*+}_2D^{*-}_s$ $(e^+e^- \to \pi^-K^0D^+D^{*+}_2\bar{D}^0D^{*-}_s)$	316	316	2	7520
1748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D^+_s, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^-D^+_s\gamma)$	4776	4760	2	7522
1749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D^{*+}_s, B^0 \to \pi^-\Delta^+\bar{\Sigma}^{*0}_c$ $(e^+e^- \to \pi^-\bar{D}^{*-}D^{*+}_s\Delta^+\bar{\Sigma}^{*0}_c)$	11966	11843	2	7524
1750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^0)$	4779	4763	2	7526
1751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D^{*0})$	11977	11854	2	7528

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}J/\psi)$	4782	4766	2	7530
1753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+ n\bar{n}$ $(e^+e^- \to e^+\nu_e\rho^- D^+\bar{D}^{*-}n\bar{n})$	11987	11864	2	7532
1754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{D}^0)$	4809	4793	2	7534
1755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\rho^+\rho^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^- D^-\bar{D}^{*-})$	12005	11882	2	7536
1756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^{*+}n\bar{\Sigma}_c^-)$	4820	4804	2	7538
1757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0)$	12027	11904	2	7540
1758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \bar{D}^{*-}D_s^{*+}D_s^{*-}D_1'^+)$	12044	11921	2	7542
1759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+ D^+\bar{D}^{*-})$	12048	11925	2	7544
1760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	12051	11928	2	7546
1761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}D_2^{*-}D_s^{*+})$	12055	11932	2	7548
1762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\omega D^{*+}\bar{D}^{*-}a_1^-)$	4829	4813	2	7550
1763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^- D^{*+})$	526	526	2	7552
1764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^{*+}D^0 D_s^-)$	12102	11979	2	7554
1765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^* K^- D^{*+}\bar{D}^{*-})$	12130	12007	2	7556
1766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^* J/\psi, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^+\pi^- K^* J/\psi J/\psi\bar{K}_1^0)$	12136	12013	2	7558
1767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^- D^+ D^+)$	4843	4827	2	7560
1768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+ D^{*+}\bar{D}^{*-}a_1^-)$	12141	12017	2	7562

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0)$	527	527	2	7564
1770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	4864	4848	2	7566
1771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	4878	4862	2	7568
1772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^{*-})$	12167	12043	2	7570
1773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^*D^-D^{*+}D^0)$	4879	4863	2	7572
1774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}\bar{D}^{*0}D_s^{*-})$	12179	12055	2	7574
1775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^+D^-)$	4884	4868	2	7576
1776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}D_s^+)$	12211	10275	2	7578
1777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\eta D^{*+}\bar{D}^{*-}D_{s1}'^-)$	12218	12093	2	7580
1778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}D_{s1}'^-)$	12236	12111	2	7582
1779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^+D^+\bar{D}^{*0})$	158	158	2	7584
1780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\Delta^-\bar{\Delta}^0)$	12242	12117	2	7586
1781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^-D^{*+}D^{*+})$	4912	4896	2	7588
1782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}D_s^+)$	12258	12133	2	7590
1783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-D^{*+}D_1^-)$	12261	12136	2	7592
1784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^-D^+\bar{D}^{*-}\bar{D}^0)$	12265	12140	2	7594
1785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\omega\bar{K}^*K^-D^-D^{*+})$	4914	4898	2	7596

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^{+})$	12290	12164	2	7598
1787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	12294	12168	2	7600
1788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	12300	12174	2	7602
1789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*-}a_1^+)$	868	867	2	7604
1790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^-D^{*+})$	12356	12230	2	7606
1791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^-D^{*+})$	12360	12234	2	7608
1792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	2589	2583	2	7610
1793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	12370	477	2	7612
1794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^+\bar{D}^{*-})$	12376	12249	2	7614
1795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta D^-\bar{D}^{*-})$	12386	3071	2	7616
1796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^{+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_2^{*-}D_1'^{+})$	12396	12268	2	7618
1797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\bar{D}^{*-}D_2^{*+})$	12406	12277	2	7620
1798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	12410	12281	2	7622
1799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^-D^{*+})$	12421	12292	2	7624
1800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_e\pi^-D^{*+}\bar{D}^{*0}a_1^-)$	12425	12296	2	7626
1801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	12453	12324	2	7628
1802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^+D^-)$	12454	12325	2	7630

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^0)$	12456	12327	2	7632
1804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^- D^+\bar{D}^{*-})$	12457	12328	2	7634
1805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D_1'^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_1'^-)$	876	875	2	7636
1806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}D_1^- D_{s1}'^-)$	12480	12351	2	7638
1807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+D^{*+}\bar{D}^{*-})$	12482	12353	2	7640
1808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D_s^-D_1^+)$	4933	4917	2	7642
1809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^-D^{*+})$	12507	12377	2	7644
1810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^0\bar{D}^{*0}D_s^+D_s^-)$	12526	12396	2	7646
1811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-})$	12538	11343	2	7648
1812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	4934	4918	2	7650
1813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-K^+K^{*-}D^{*+}\bar{D}^{*-})$	12546	12415	2	7652
1814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^-D^{*+})$	12555	7676	2	7654
1815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^*D^+D^-D^{*+}D_{s1}'^-)$	12576	12444	2	7656
1816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^+\bar{D}^{*-})$	12596	258	2	7658
1817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-}D_s^+)$	4940	4924	2	7660
1818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^0D_s^-)$	12647	12512	2	7662
1819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}\bar{n}p)$	12650	12515	2	7664

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}D_s^-)$	12654	12519	2	7666
1821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}a_1^-\gamma)$	12681	12545	2	7668
1822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	4943	4927	2	7670
1823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^-D^{*+}D_{s1}'^+)$	12716	12577	2	7672
1824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+})$	12757	3407	2	7674
1825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}\bar{\Delta}^-n)$	321	321	2	7676
1826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	12766	12626	2	7678
1827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^-D^{*+}D^{*+})$	12776	12635	2	7680
1828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^{*-})$	12785	12644	2	7682
1829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to D^{*+}D_s^{*+}D_1^-D_{s0}^{*-})$	2598	2592	2	7684
1830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+\Delta^0\bar{\Lambda}_c^-)$	4965	4948	2	7686
1831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-D^-D_1'^+)$	2615	2609	2	7688
1832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-}\bar{n}pD_{s0}^{*-})$	12807	12666	2	7690
1833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	12821	12680	2	7692
1834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\eta K^-D^-D^{*+}\bar{D}^{*0})$	12825	12684	2	7694
1835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D_2^{*+}\Delta^+\bar{\Sigma}_c^{--})$	12837	12695	2	7696
1836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_s^+)$	4985	4968	2	7698

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-}D_1'^+)$	12861	12718	2	7700
1838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^{*-}D^+\bar{D}^{*0}D_1'^-)$	12870	12727	2	7702
1839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-D^+D^-)$	12876	7379	2	7704
1840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	2624	2618	2	7706
1841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-D^+\bar{D}^{*-})$	12897	12753	2	7708
1842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+D^-D_s^+)$	12902	12758	2	7710
1843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^+K^{*-}D^+\bar{D}^{*-})$	12908	12764	2	7712
1844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^+\bar{D}^{*-})$	12913	2963	2	7714
1845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^+D^-D^-)$	12914	12768	2	7716
1846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^-D_1^+)$	12925	12779	2	7718
1847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}D_{s1}'^+)$	12926	12780	2	7720
1848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-D^-D^{*+})$	12933	12787	2	7722
1849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \rho^+\omega D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\omega D^-D_1'^-)$	12940	12794	2	7724
1850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_2^{*+}D_s^+)$	1483	1480	2	7726
1851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	12951	12804	2	7728
1852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^+, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega K^0K^{*-}D^+D^{*+})$	12966	12819	2	7730
1853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^+D^+\bar{D}^{*-}D^{*0})$	12976	12829	2	7732

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\phi J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*\phi D^{*+} J/\psi)$	13024	12877	2	7734
1855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+\eta_c(2S), \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- K^+ D^{*+}\eta_c(2S))$	13043	12896	2	7736
1856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^0)$	13049	12902	2	7738
1857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	13073	12926	2	7740
1858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	13086	12939	2	7742
1859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta D^+\bar{D}^{*-})$	5003	4986	2	7744
1860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	13099	12952	2	7746
1861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}a_1^-)$	13105	12958	2	7748
1862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\eta\omega D^- D^{*+}D_s^{*-})$	13107	12960	2	7750
1863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+ X_u^-)$	5015	4998	2	7752
1864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+ D^{*+}\bar{D}^{*-})$	2630	2624	2	7754
1865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{\Delta}^+\Sigma_c^{*+})$	13138	12990	2	7756
1866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^-\bar{\Delta}^-\Delta^0)$	13173	13024	2	7758
1867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^+ D^-\bar{D}^{*-} D_s^+)$	13187	13038	2	7760
1868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+ D^+ D^-)$	13218	13068	2	7762
1869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+ D_2^{*-})$	2631	2625	2	7764
1870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^+ n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^+\bar{D}^{*-} n\bar{n})$	13226	13076	2	7766

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	5028	5011	2	7768
1872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D_s^+D_1'^+)$	1506	1503	2	7770
1873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-K^-K^{*+}D^+$ $(e^+e^- \to \rho^-K^-K^{*+}K^{*+}D^+\bar{D}^{*-}D^{*0})$	13257	13107	2	7772
1874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_{s1}'^+)$	13262	13112	2	7774
1875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to e^+\nu_e\rho^0\bar{K}^0\bar{D}^{*-}J/\psi)$	2636	2630	2	7776
1876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}D_2^{*-}\bar{D}^{*0}D_s^{*+})$	13271	13121	2	7778
1877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}a_1^+)$	2640	2634	2	7780
1878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_1^+a_1^+)$	13290	13140	2	7782
1879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_s^+D_1^+)$	13304	13154	2	7784
1880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D_s^+D_1^+)$	13313	13163	2	7786
1881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	13320	13170	2	7788
1882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^0\rho^+\bar{D}^{*-}D_2^{*+}D_s^-)$	13321	13171	2	7790
1883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}a_1^-)$	13325	13175	2	7792
1884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-D^-D^{*+})$	13337	13187	2	7794
1885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau X_u^-D^{*+})$	5045	5027	2	7796
1886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	13343	13193	2	7798
1887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0\bar{K}^0D^-D^{*+})$	5046	5028	2	7800

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+D^-D^{*+})$	13400	13248	2	7802
1889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+D^-D_s^{*-})$	13413	13261	2	7804
1890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-D^+D^{*+})$	5050	5032	2	7806
1891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\omega D^{*+}\bar{D}^0)$	13439	13286	2	7808
1892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^0K^-D^+D^+)$	13451	13298	2	7810
1893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^+\bar{D}^{*-})$	13455	13302	2	7812
1894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^-D_2^{*+}D_s^{*-})$	13463	13309	2	7814
1895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^+D_s^-D_1'^-)$	13482	13328	2	7816
1896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0)$	13487	13333	2	7818
1897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^+D^-)$	13495	5898	2	7820
1898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^0)$	2648	2642	2	7822
1899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^-D^{*+})$	78	78	2	7824
1900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}p\bar{\Lambda}_c^-)$	13505	13349	2	7826
1901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\bar{D}^{*-})$	13541	13385	2	7828
1902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^+D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	13546	13390	2	7830
1903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}D_1^-)$	13554	13398	2	7832
1904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\omega D^+\bar{D}^{*-})$	13558	13402	2	7834

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\omega D^{*+}\bar{D}^{*-})$	5069	5051	2	7836
1906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	13560	13404	2	7838
1907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_1^+\gamma)$	13564	13408	2	7840
1908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\chi_{c1}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e K_S\bar{D}^{*-}\chi_{c1})$	13567	13411	2	7842
1909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+K^-\chi_{c0}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^-\chi_{c0})$	13573	13416	2	7844
1910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	13575	13418	2	7846
1911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega D^+D^{*+})$	13580	13423	2	7848
1912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	13584	13427	2	7850
1913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^+D^{*+}a_1^-)$	13614	13456	2	7852
1914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+K^{*-}D^-D^{*+}\bar{D}^{*-})$	13620	13462	2	7854
1915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	13629	4435	2	7856
1916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-D^+\bar{D}^{*-}a_1^+)$	13651	13492	2	7858
1917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}n\bar{p})$	13665	13506	2	7860
1918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^+K^-D^-D^{*+}\bar{D}^{*0})$	5080	5062	2	7862
1919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-})$	5082	5064	2	7864
1920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}D_2^{*-}\bar{D}^{*0}D_s^+)$	13700	13541	2	7866
1921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+K^0D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+K^0D^+D^{*+})$	2663	2657	2	7868

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-})$	13707	13548	2	7870
1923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D^{*+}\bar{\Lambda}\Sigma_c^0)$	895	894	2	7872
1924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\pi^-\rho^+D^+D^{*+})$	13725	13566	2	7874
1925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-D^+D^-)$	1550	1547	2	7876
1926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*-}D_s^+)$	13732	13573	2	7878
1927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	13750	13591	2	7880
1928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+D^-D^{*+})$	13755	13596	2	7882
1929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*+}D_s^{*-})$	13767	9721	2	7884
1930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu K^0K^-D^+D^-)$	13774	13613	2	7886
1931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega D^-D^{*+})$	13808	13646	2	7888
1932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}D^{*0})$	13838	13676	2	7890
1933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\rho^+D^+\bar{D}^{*-}D_{s1}'^-)$	13840	13678	2	7892
1934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-D^+\bar{D}^{*-})$	13849	13687	2	7894
1935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^-D^{*+})$	2673	2667	2	7896
1936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta K^{*+}D^+\bar{D}^{*-}D^{*0})$	13856	13694	2	7898
1937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	13874	2026	2	7900
1938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0)$	13876	13713	2	7902

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e D_2^{*-}$ $(e^+e^- \to e^+\nu_e \bar{D}^{*-}D_2^{*-}D_s^{*+})$	5116	5097	2	7904
1940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \bar{D}^{*-}D_2^{*+}D_s^{*-})$	13892	13729	2	7906
1941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^*D^+\bar{D}^{*-}D_1'^-)$	13893	13730	2	7908
1942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu \bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	13909	13745	2	7910
1943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega \bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\omega D^{*+}\bar{D}^{*-}D_s^-)$	162	162	2	7912
1944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu \rho^+D^-\bar{D}^{*-})$	14024	2086	2	7914
1945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu \bar{K}^0D^+D^-\bar{D}^{*-})$	5124	1352	2	7916
1946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*0})$	5133	5113	2	7918
1947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+D_0^{*-})$	5151	5131	2	7920
1948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	14097	13930	2	7922
1949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^{*-}D^{*+}\bar{D}^{*-})$	14100	13933	2	7924
1950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega\bar{D}^{*-}D_0^{*+})$	5164	5144	2	7926
1951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^-D^+D^-\bar{D}^{*0})$	1556	1553	2	7928
1952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^+D^-D_2^{*+}D_s^-)$	14125	13956	2	7930
1953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_0^{*+})$	14141	13971	2	7932
1954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^{*-}D^+D^-\bar{D}^0)$	14160	13989	2	7934
1955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to \pi^+n\bar{\Lambda}_c^-$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}n\bar{\Lambda}_c^-)$	5173	5153	2	7936

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	14179	14007	2	7938
1957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^-)$	14181	14009	2	7940
1958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}D^{*+}\bar{D}^{*0}D_s^-)$	14199	14027	2	7942
1959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^{*+}\bar{D}^{*-})$	5175	5155	2	7944
1960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^-)$	14205	14033	2	7946
1961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^+, B^0 \to \pi^+K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^-D_s^+)$	14207	14035	2	7948
1962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	5183	5163	2	7950
1963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^0)$	911	910	2	7952
1964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0n\bar{\Sigma}_c^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}n\bar{\Sigma}_c^0)$	14296	14121	2	7954
1965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^-)$	14320	14145	2	7956
1966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_1^+)$	1560	1557	2	7958
1967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*+}D_s^{*-})$	14329	14154	2	7960
1968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to \rho^+D^-\bar{D}^{*-}D_s^{*+})$	5191	5171	2	7962
1969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}D_1^+)$	5197	5177	2	7964
1970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+a_1^-)$	14358	14183	2	7966
1971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0K^*D^+\bar{D}^{*-})$	2691	2685	2	7968
1972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+})$	14403	14225	2	7970

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-})$	14416	14238	2	7972
1974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^{*-}D_1^-)$	14428	14250	2	7974
1975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\phi D^- D^{*+}D_s^+)$	14445	14267	2	7976
1976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^{*+}p\bar{\Sigma}_c^{--})$	14474	14296	2	7978
1977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^+ D^-\bar{D}^{*-}D^{*0})$	14506	8526	2	7980
1978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_2^{*+}D_s^{*-})$	14518	14228	2	7982
1979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0 D^- D^- D^{*0})$	14529	14347	2	7984
1980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^- D^+ D_1'^-)$	547	547	2	7986
1981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^- n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+ D^- D^{*+}n\bar{n})$	14531	14349	2	7988
1982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}a_1^+)$	5218	5197	2	7990
1983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}D_s^{*+})$	14574	14392	2	7992
1984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_s^{*+})$	14603	14421	2	7994
1985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	14622	14440	2	7996
1986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\omega D^{*+}\bar{D}^{*-})$	14625	14443	2	7998
1987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_2^{*+})$	14668	14486	2	8000
1988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	14689	14505	2	8002
1989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^+D^{*+}D_s^-D_{s1}'^-)$	14700	14516	2	8004

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
1990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^- K^0 \bar{K}^* D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- K^0\bar{K}^* D^- D^{*+})$	5221	5200	2	8006
1991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-})$	171	171	2	8008
1992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0 D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	14717	14533	2	8010
1993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^- D^{*+}\bar{D}^0 a_1^-)$	14735	14551	2	8012
1994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^- D^- D_s^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^-\bar{D}^{*-}D_s^+)$	5229	5208	2	8014
1995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^{*+}D_2^{*-})$	14758	14574	2	8016
1996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\omega D^-\bar{D}^{*-})$	14788	14604	2	8018
1997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{p}\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\bar{p}\Sigma_c^+)$	14791	14607	2	8020
1998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- K^* D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^- K^* D^- D_1^+)$	14799	14615	2	8022
1999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0}a_1^-)$	14810	14626	2	8024
2000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+ K^0 K^- D^+$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+ K^0 K^- D^+\bar{D}^{*-})$	14824	14640	2	8026
2001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^* D^- D^{*+}\bar{D}^{*-}D_s^{*+})$	5230	5209	2	8028
2002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	2715	2709	2	8030
2003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^{*+}\bar{D}^{*-})$	14854	14669	2	8032
2004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega D^{*+}D^{*+}D_s^{*-})$	14861	14676	2	8034
2005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0 K^+ D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	14875	5588	2	8036
2006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	14895	14708	2	8038

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- D^+ \bar{D}^{*-} D_s^+)$	5239	5218	2	8040
2008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^+K^{*-}D^-D^{*+}\bar{D}^0D^{*0})$	14932	14744	2	8042
2009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^-D^{*+}D_s^+)$	5245	5224	2	8044
2010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-D_s^-)$	14939	14751	2	8046
2011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	14943	14755	2	8048
2012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}\bar{D}^{*-}\bar{n}p)$	5255	5234	2	8050
2013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\eta D^+D^-D_s^{*-})$	14968	14780	2	8052
2014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^0\bar{p}\Delta^+D_1^+)$	35	35	2	8054
2015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+})$	2718	2712	2	8056
2016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^-D^{*+})$	14988	14799	2	8058
2017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	941	940	2	8060
2018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^-D_2^{*+})$	15004	14814	2	8062
2019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}D_s^-)$	5277	5256	2	8064
2020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^{*+}\bar{D}^{*-})$	15021	14830	2	8066
2021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+})$	15045	14854	2	8068
2022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu D^{*0}p\bar{\Delta}^+D_1^-)$	15047	14856	2	8070
2023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^*D^{*+}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*0})$	5283	5262	2	8072

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^*D^-D^-D^{*+})$	15082	14891	2	8074
2025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}J/\psi)$	15108	14916	2	8076
2026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+D^+\bar{D}^{*-}D^{*0})$	15135	14943	2	8078
2027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}D_{s0}^{*+})$	15142	14950	2	8080
2028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e K^+D^-\bar{D}^{*-}D^{*0})$	15147	8177	2	8082
2029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	15192	14999	2	8084
2030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\bar{D}^0D^{*0})$	15205	15012	2	8086
2031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^+D^{*0}D_s^-)$	5286	5265	2	8088
2032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-})$	15266	15068	2	8090
2033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta K^{*-}D^-D^{*+}\bar{D}^{*0})$	2730	2724	2	8092
2034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^+D^{*+})$	5292	5271	2	8094
2035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^*D^{*+}J/\psi)$	336	336	2	8096
2036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}D_s^-)$	15280	15080	2	8098
2037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	15301	15101	2	8100
2038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0\bar{K}^0K^{*+}D^+D^-D_s^-)$	15316	15115	2	8102
2039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^+D^{*+})$	5296	5275	2	8104
2040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	15325	15123	2	8106

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^+\bar{D}^{*-}D_s^+)$	15326	15124	2	8108
2042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \tau^+\nu_\tau D^-D^-D_s^+)$	1579	1576	2	8110
2043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^-D_s^+)$	15340	15138	2	8112
2044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\rho^-\eta\omega D^+\bar{D}^{*-})$	2738	2732	2	8114
2045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	15369	15166	2	8116
2046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^+D^{*+}\bar{D}^0)$	2746	2740	2	8118
2047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+\gamma)$	15386	15183	2	8120
2048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	15392	15188	2	8122
2049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}D_s^{*-})$	15404	15200	2	8124
2050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	15408	15204	2	8126
2051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\bar{K}^0K^+D^-D^{*+})$	15412	15208	2	8128
2052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-D^0D_s^-)$	337	337	2	8130
2053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_0^{*+})$	15444	15240	2	8132
2054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0D^{*+}D^{*0}\bar{D}^{*0})$	2760	2754	2	8134
2055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+D^0D_s^-D_0^{*-})$	2765	2759	2	8136
2056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^+\bar{D}^{*-}D_0^{*-})$	15466	15262	2	8138
2057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+D^-D^{*+}n\bar{p})$	1581	1578	2	8140

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\rho^-D^-D^{*+})$	15495	15290	2	8142
2059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e K^-D^{*+}D^{*+}\bar{D}^0)$	15498	15293	2	8144
2060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^-K^{*+}D^{*+}J/\psi D'^-_{s1})$	15501	15296	2	8146
2061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	15505	15300	2	8148
2062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D^+_s, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^-D^{*+}D^+_s)$	15511	15306	2	8150
2063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a^-_1$ $(e^+e^- \to \pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}a^-_1)$	958	957	2	8152
2064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D^{*-}_s$ $(e^+e^- \to \pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}D^{*-}_s)$	15528	15322	2	8154
2065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	5336	5315	2	8156
2066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-})$	15548	15342	2	8158
2067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D'^+_{s1}\psi')$	15579	15370	2	8160
2068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-D^-D^{*+})$	15583	15374	2	8162
2069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D^+_s, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D^+_s)$	15605	15395	2	8164
2070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta D^-D^{*+})$	5338	5317	2	8166
2071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a^-_1$ $(e^+e^- \to K^*D^{*+}D^{*+}\bar{D}^{*-}a^-_1)$	15671	15461	2	8168
2072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-})$	15694	15484	2	8170
2073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	15701	15491	2	8172
2074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to D^{*+}D^{*-}_s$ $(e^+e^- \to \pi^+\pi^-K^*D^{*+}D^{*-}_sJ/\psi)$	2789	2783	2	8174

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+a_1^+)$	15731	15521	2	8176
2076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{D}^{*-}D^0D_s^{*-})$	15733	15523	2	8178
2077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^-D^{*+})$	15737	5637	2	8180
2078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\rho^+D^-D_2^{*+}D_s^{*-})$	15741	15530	2	8182
2079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^-a_1^+)$	15745	15534	2	8184
2080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	15796	15585	2	8186
2081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1^+)$	2791	2785	2	8188
2082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta K^0D^+D^{*+}\bar{D}^{*-})$	15831	15620	2	8190
2083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-}D^{*0}D_0^{*+})$	2792	2786	2	8192
2084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_eD_1'^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}D_1'^-)$	15843	15632	2	8194
2085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\eta D^+D^-)$	15847	15636	2	8196
2086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^{*+}D^{*+}\bar{D}^{*0})$	15862	15651	2	8198
2087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\eta D^-D^{*+})$	5354	5333	2	8200
2088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	15870	15659	2	8202
2089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}D_{s1}'^-)$	15873	15662	2	8204
2090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	2793	2787	2	8206
2091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^{*+}D^{*+}\bar{D}^0)$	15888	15677	2	8208

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\bar{n}\Delta^0)$	15893	15682	2	8210
2093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^{*+}\bar{D}^0D^{*0})$	5378	5357	2	8212
2094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-D^{*+}D^{*+}a_1^-)$	15914	15703	2	8214
2095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^{*+}D^{*+}J/\psi)$	5384	5363	2	8216
2096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D^+)$	2800	2794	2	8218
2097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\pi^+\rho^-D^+D^-a_1^-)$	15986	15775	2	8220
2098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0D^-D^{*+}\bar{n}p)$	15991	15780	2	8222
2099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^+)$	2813	2807	2	8224
2100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^*D^+D^-\bar{D}^{*0}D_s^+)$	16022	8958	2	8226
2101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	16027	15814	2	8228
2102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	16071	15857	2	8230
2103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^-D^-D^{*+})$	16077	15863	2	8232
2104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^-D_s^+)$	578	577	2	8234
2105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^{*0}D_s^{*+})$	16099	15885	2	8236
2106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-D^+\bar{D}^{*-})$	16132	15917	2	8238
2107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D_2^{*+}D_s^{*+})$	5445	5423	2	8240
2108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_eD^-D^{*+}\Delta^0\bar{\Delta}^+)$	16140	15925	2	8242

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}D_2^{*-}D_s^+D_{s1}'^-)$	16146	15931	2	8244
2110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\bar{D}^{*-}D_0^{*+})$	16148	15933	2	8246
2111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-D^-D^{*+})$	16174	15959	2	8248
2112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^*D^-D^-D^{*0})$	16177	15962	2	8250
2113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-p\bar{\Xi}_c'^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^-D^{*+}p\bar{\Xi}_c'^0)$	16182	15967	2	8252
2114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^-D_1'^-)$	16185	15970	2	8254
2115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0D^+D^-D_s^{*-})$	16195	15980	2	8256
2116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-\eta\omega D^{*+}D^{*+})$	16223	16007	2	8258
2117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	16266	16050	2	8260
2118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-D^+D^-)$	16292	16076	2	8262
2119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^-D^{*+}D_s^+)$	16301	16085	2	8264
2120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to K^*\bar{K}^*D^+D^+D^-\bar{D}^{*-})$	16306	16090	2	8266
2121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-}D_s^+)$	16309	16093	2	8268
2122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	16312	16096	2	8270
2123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^-D^{*+}\bar{D}^0)$	16332	16116	2	8272
2124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau D^+D^{*+})$	16353	4307	2	8274
2125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	16354	16136	2	8276

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D_s^- D_1'^+$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}D_s^- D_1'^+)$	5451	5429	2	8278
2127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^*D^{*+}J/\psi)$	16387	16168	2	8280
2128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-})$	16391	16172	2	8282
2129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_2^{*+}D_s^-)$	1598	1594	2	8284
2130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	16417	16198	2	8286
2131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^-D^{*+})$	2827	2821	2	8288
2132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-K^+K^-D^+D^-D_s^+)$	16445	16224	2	8290
2133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^-\bar{D}^0D_s^{*+})$	16447	16226	2	8292
2134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega K^+D^+\bar{D}^{*-}D^{*0})$	16451	16230	2	8294
2135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-D^+D^-)$	16452	16231	2	8296
2136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*-}D_s^{*+})$	16490	16268	2	8298
2137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+D^-D^{*+}a_1^-)$	5472	5450	2	8300
2138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^+\bar{D}^{*-})$	5477	5455	2	8302
2139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^0D^0D_s^{*-}J/\psi)$	16563	16338	2	8304
2140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+})$	16571	16346	2	8306
2141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-D^+\bar{D}^{*-})$	2830	2824	2	8308
2142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^*D^+D^{*+}\bar{D}^{*-})$	2831	2825	2	8310

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to D^+D^{*0}D_s^{*-}n\bar{\Delta}^0)$	16600	16375	2	8312
2144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*D^-D^-D^{*+})$	2832	2826	2	8314
2145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^-D^{*+}a_1^+)$	16631	16406	2	8316
2146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D_2^{*-})$	2845	2839	2	8318
2147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+D^+D^-)$	2857	2851	2	8320
2148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	16666	16440	2	8322
2149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}\bar{D}^{*-}D_1^+)$	16669	16443	2	8324
2150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^*D^{*+}\bar{D}^{*-}D^0D_s^{*-})$	16708	16481	2	8326
2151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^-D^{*+})$	5528	5506	2	8328
2152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^+D_s^{*-})$	969	968	2	8330
2153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^-D^{*+}\bar{D}^0\bar{D}^{*0}D_s^{*+})$	2861	2855	2	8332
2154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	5536	5514	2	8334
2155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^+D_s^-D_0^{*-})$	16753	16524	2	8336
2156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	16781	16551	2	8338
2157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^{*--})$	16795	16563	2	8340
2158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\eta D^+D^-)$	16798	16566	2	8342
2159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^-\bar{D}^{*-}J/\psi)$	16813	16581	2	8344

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^+D^-\bar{D}^{*-}D^{*0})$	2866	2860	2	8346
2161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-D^+D^-)$	16843	16610	2	8348
2162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \bar{D}^{*-}D_s^{*+}J/\psi\bar{K}_1^0)$	5552	5530	2	8350
2163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_1^+D_1'^-)$	16892	16659	2	8352
2164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	16894	16661	2	8354
2165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}D_{s1}'^-)$	16947	16714	2	8356
2166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}D_s^+)$	16971	16738	2	8358
2167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e X_u^-, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e X_u^-K^0D^{*+}\bar{D}^{*-})$	16977	16744	2	8360
2168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+\bar{D}^{*-}a_1^+D_{s1}'^-)$	16979	16746	2	8362
2169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^0\bar{D}^{*0})$	16992	16759	2	8364
2170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_1^-D_1'^+)$	2869	2863	2	8366
2171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^{*+})$	17020	16787	2	8368
2172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^-)$	2870	2864	2	8370
2173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	17058	16825	2	8372
2174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*K^{*+}D^-D^{*+})$	17119	16884	2	8374
2175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_2^{*-})$	186	186	2	8376
2176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+})$	17126	16891	2	8378

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+D^+\bar{D}^{*-})$	5574	5552	2	8380
2178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	5575	5553	2	8382
2179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}a_1^+D_1'^+)$	17142	16906	2	8384
2180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	17195	16959	2	8386
2181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\omega D^-D^{*+})$	17219	16981	2	8388
2182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}D_s^+D_s^-)$	17227	16989	2	8390
2183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*-}D_s^{*+})$	2873	2866	2	8392
2184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	17262	17023	2	8394
2185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^{*+}\bar{D}^{*-})$	17269	17029	2	8396
2186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D^-D_s^-a_1^+)$	17291	17051	2	8398
2187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}D^0)$	17317	17077	2	8400
2188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to K^0D^-D^{*+}D_2^{*+}D_s^{*-})$	5588	5566	2	8402
2189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^-D_s^{*+})$	17327	17087	2	8404
2190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}D_s^+D_s^-)$	17332	17092	2	8406
2191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	17337	17097	2	8408
2192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\omega D^{*+}\bar{D}^{*-}D_s^-)$	17356	17115	2	8410
2193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	17358	17117	2	8412

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^0 D^{*+} D_s^{*-} J/\psi)$	17375	17134	2	8414
2195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^+\bar{D}^{*-})$	2876	2869	2	8416
2196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-K^+D^{*+}D^0\bar{D}^0)$	17415	17173	2	8418
2197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^{*+}\bar{D}^{*-})$	17422	17180	2	8420
2198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^-a_1^+)$	17444	17202	2	8422
2199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+$ $(e^+e^- \to e^+\nu_e K^{*-}D^+\bar{D}^{*-})$	2885	2878	2	8424
2200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\eta K^0K^-D^+D^-)$	17450	17208	2	8426
2201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^*D^+D^-$ $(e^+e^- \to e^+\nu_e K^*D^+D^-\bar{D}^{*-})$	17461	17219	2	8428
2202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}J/\psi\bar{K}_1^0)$	17483	17240	2	8430
2203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-})$	17498	17255	2	8432
2204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to e^+\nu_e D^+D^-D_s^-)$	17499	17256	2	8434
2205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	17534	17291	2	8436
2206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	5610	5588	2	8438
2207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^0D^-D^{*+}\bar{D}^{*-})$	17550	17307	2	8440
2208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-D^+\bar{D}^{*-}D_s^{*+})$	17558	17314	2	8442
2209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Omega}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}n\bar{\Omega}_c^0)$	2888	2881	2	8444
2210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}D_{s1}'^+)$	188	188	2	8446

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0)$	5639	5617	2	8448
2212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+D_2^{*-}D_s^+)$	17590	17346	2	8450
2213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	17596	17352	2	8452
2214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+D^-D_{s1}'^+)$	17600	17356	2	8454
2215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}D_2^{*-}D_s^{*+})$	17603	17359	2	8456
2216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^{*+}K^{*-}D^+\bar{D}^{*0}\eta_c)$	17624	17380	2	8458
2217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega D^+D^-)$	17636	17392	2	8460
2218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\bar{D}^{*-}D_0^{*+})$	17647	17403	2	8462
2219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*+})$	5642	5620	2	8464
2220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*0})$	17666	17421	2	8466
2221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^{*+}D_s^{*-}J/\psi)$	1643	1638	2	8468
2222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+})$	5660	5638	2	8470
2223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0D^+\bar{D}^{*-}D_s^{*-})$	17684	17439	2	8472
2224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0})$	17696	17450	2	8474
2225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	17698	17452	2	8476
2226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^-D_s^+J/\psi)$	17711	17465	2	8478
2227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+K^{*-}D^+\bar{D}^{*-})$	17714	17468	2	8480

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	17731	17485	2	8482
2229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0K^-D^{*+}\bar{D}^{*-})$	17755	17509	2	8484
2230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\omega D^-\bar{D}^{*-})$	586	585	2	8486
2231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	17779	17533	2	8488
2232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^-D^{*+}D_s^-)$	17789	17543	2	8490
2233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	17825	17579	2	8492
2234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+D_2^{*-}D_s^{*+})$	17831	17585	2	8494
2235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}D_{s1}^-)$	17844	17597	2	8496
2236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}a_1^+)$	17850	17603	2	8498
2237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^-D^{*+})$	17881	17634	2	8500
2238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+\bar{D}^0)$	17916	17666	2	8502
2239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^-\bar{\Delta}^-\Delta^0)$	17942	17692	2	8504
2240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to e^+\nu_e\bar{K}^*K^-D^+D^-)$	5685	5663	2	8506
2241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^-D^{*+})$	17951	17701	2	8508
2242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^{*+})$	17989	17738	2	8510
2243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^+D_1^-)$	5690	5668	2	8512
2244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_eK^-D^-D^{*+}\bar{D}^0)$	18035	17783	2	8514

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^-D^{*+})$	90	90	2	8516
2246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D'^+_{s1}, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}D'^+_{s1})$	18057	17804	2	8518
2247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D^{*+}_s, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0D^{*+}_s)$	18088	17835	2	8520
2248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a^-_1$ $(e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}a^-_1)$	18129	17876	2	8522
2249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^{*-}_2, \bar{B}^0 \to D^{*+}D^{*-}_s$ $(e^+e^- \to \rho^+D^{*+}D^{*-}_2D^{*-}_s)$	18144	17891	2	8524
2250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	18146	17893	2	8526
2251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX^-_u, \bar{B}^0 \to \pi^+D^0D^-_s$ $(e^+e^- \to e^+\nu_eX^-_u\pi^+D^0D^-_s)$	5703	5681	2	8528
2252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D^{*-}_s$ $(e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-}D^{*-}_s)$	18162	17909	2	8530
2253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^+_{s1}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^-D^+_{s1})$	18218	17965	2	8532
2254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D'^+_1$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D'^+_1D'^+_{s1})$	18225	17972	2	8534
2255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c1}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0D^+\chi_{c1})$	5708	5686	2	8536
2256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D^+_s, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}D^+_s)$	43	43	2	8538
2257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D'^-_1, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D'^-_1)$	18254	18001	2	8540
2258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a^+_1, \bar{B}^0 \to D^{*-}_sD'^+_1$ $(e^+e^- \to \bar{D}^{*-}D^{*-}_sa^+_1D'^+_1)$	18269	18016	2	8542
2259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	18280	18027	2	8544
2260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-})$	18284	18031	2	8546
2261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}n\bar{p})$	18291	18038	2	8548

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K_L D^+ J/\psi)$	18313	18059	2	8550
2263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- D^+ D_2^{*-} D_s^{*+} D_s^{*-})$	18319	18065	2	8552
2264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+} D_s^-)$	18321	2404	2	8554
2265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \tau^-\bar{\nu}_\tau D^{*+} D_2^{*-})$	18324	18069	2	8556
2266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e \tau^-\bar{\nu}_\tau D^{*+} D_0^{*-})$	18346	18091	2	8558
2267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^- D^- D^{*+})$	5717	5695	2	8560
2268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^- D^+ \bar{\Delta}^- \Delta^-$ $(e^+e^- \to \mu^+\nu_\mu \rho^- D^+ D^- \bar{\Delta}^- \Delta^-)$	18357	18101	2	8562
2269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau \rho^- D^- D^{*+})$	2917	2910	2	8564
2270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+ \bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ D^{*+} \bar{D}^{*-} a_1^-)$	5732	5710	2	8566
2271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^+, \bar{B}^0 \to D^{*0} n \bar{\Delta}^0$ $(e^+e^- \to \pi^- \bar{D}^0 D^{*0} D_s^+ n \bar{\Delta}^0)$	18369	18113	2	8568
2272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^- \eta\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e \pi^0\pi^- \eta\omega\omega D^- D^{*+})$	1651	1646	2	8570
2273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e \pi^0\rho^0\rho^0\pi^+\pi^-\rho^- D^+ \bar{D}^{*-})$	18406	18150	2	8572
2274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to D^{*+} a_1^- \gamma$ $(e^+e^- \to D^{*+} \bar{D}^{*-} D_s^{*+} a_1^- \gamma)$	18414	18157	2	8574
2275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^- D^{*+})$	5751	5506	2	8576
2276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^+\pi^-\pi^- D^{*0} D_1'^+)$	1664	1659	2	8578
2277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^- D^- D^{*+} D_{s1}'^+)$	18504	18247	2	8580
2278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^-\pi^-\eta D^+ D^{*+})$	18525	18268	2	8582

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\omega D^+ D^- D_s^-)$	5753	5730	2	8584
2280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-})$	18537	18280	2	8586
2281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}$ $(e^+e^- \to e^+\nu_e K^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	18567	18310	2	8588
2282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+ D^{*+} D_s^{*-})$	1674	1669	2	8590
2283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\omega D^- D^{*+})$	18599	18341	2	8592
2284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\rho^+ D^-)$	18691	18430	2	8594
2285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \bar{K}^0 K^+ D^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^0 K^+ D^-)$	18702	18441	2	8596
2286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^- K^+ K^- D^{*+})$	18718	18457	2	8598
2287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-})$	18740	18479	2	8600
2288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^- D^{*+})$	18771	18509	2	8602
2289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^- D^- D^{*+})$	5770	5747	2	8604
2290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^- K^+ K^{*-} D^{*+}\bar{D}^{*-})$	18800	18538	2	8606
2291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^- K^+ D^{*+}\bar{D}^{*-} D^{*0})$	18809	18547	2	8608
2292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to K^0 D_s^+ D_s^-$ $(e^+e^- \to \rho^+ K^0\bar{D}^{*-} D_s^+ D_s^-)$	18877	18614	2	8610
2293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^+ D_{s0}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+ D_2^{*-} D_{s0}^{*-})$	18900	18636	2	8612
2294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	18930	18665	2	8614
2295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-})$	997	996	2	8616

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+D_s^{*-})$	18946	18681	2	8618
2297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-D^+\bar{D}^{*-})$	18948	18683	2	8620
2298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	5789	5766	2	8622
2299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \tau^+\nu_\tau D_2^{*+}D_s^-D_1'^-)$	18971	18706	2	8624
2300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	18974	18709	2	8626
2301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\omega D^{*+}\bar{D}^{*0}D_s^-)$	5796	5773	2	8628
2302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^-D^{*+}a_1^+a_1^-)$	18983	18718	2	8630
2303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	19014	18748	2	8632
2304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta D^{*+}D_2^{*-}D_s^+)$	19035	18769	2	8634
2305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to e^+\nu_eD^+n\bar{p}D_1^-)$	19043	18777	2	8636
2306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-}D_s^-)$	1678	1673	2	8638
2307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	19106	18838	2	8640
2308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^+\bar{D}^{*-})$	2971	2963	2	8642
2309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^*\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	5804	5781	2	8644
2310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+D^+\bar{D}^{*-}D_s^{*-})$	19138	18870	2	8646
2311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	19140	18872	2	8648
2312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^{*-}D_1'^+)$	5809	5786	2	8650

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0 K^0 K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 K^0 K^- D^- D^{*+})$	2978	2970	2	8652
2314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^* D^+ D^- \bar{D}^{*-} D_s^{*+})$	5812	5789	2	8654
2315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ \bar{D}^{*-} a_1^+\gamma)$	19218	18949	2	8656
2316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+} p\bar{\Lambda}_c^-)$	19245	18976	2	8658
2317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+ D^- D^{*+})$	5814	5791	2	8660
2318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^{*+} D^{*+})$	5822	5799	2	8662
2319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-})$	2981	2973	2	8664
2320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^+ D^+ D^-)$	19326	19055	2	8666
2321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^* D^+ D^-$ $(e^+e^- \to \mu^+\nu_\mu K^* D^+ D^- D^-)$	19346	19074	2	8668
2322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	19358	19085	2	8670
2323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+}\bar{n}p)$	19418	19145	2	8672
2324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\omega D^{*+}\bar{D}^{*-})$	5829	5805	2	8674
2325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^- D^{*+}\bar{D}^{*-})$	19439	19166	2	8676
2326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-})$	19446	19173	2	8678
2327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{K}_1^0\psi')$	19455	19182	2	8680
2328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0} D_{s1}'^+)$	19512	19237	2	8682
2329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}^-$ $(e^+e^- \to \pi^0\pi^+ D^{*+}\bar{D}^{*-} D_{s1}^-)$	19522	19247	2	8684

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	19551	19276	2	8686
2331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0D^+D_s^{*-}D_0^{*-})$	19573	19298	2	8688
2332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	19590	19315	2	8690
2333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	5834	5810	2	8692
2334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_s^{*-})$	19606	9976	2	8694
2335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^0D^-D^{*+}\bar{D}^{*-})$	19619	17307	2	8696
2336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^-\omega D^+D^+)$	19643	19366	2	8698
2337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D_1'^-)$	19669	19392	2	8700
2338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}D^0D_s^-)$	19700	19423	2	8702
2339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\Delta^0\bar{\Sigma}_c^-)$	5839	5815	2	8704
2340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+})$	19810	19529	2	8706
2341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	1691	1686	2	8708
2342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}D^0)$	19846	19565	2	8710
2343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-D^+\Delta^+\bar{\Sigma}_c^{*--})$	5843	5819	2	8712
2344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	19864	19582	2	8714
2345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-D^+\bar{D}^{*-})$	19889	19607	2	8716
2346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	19912	2126	2	8718

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^{*+}\bar{D}^{*-})$	19914	19631	2	8720
2348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+D^-D^{*+}D_s^-)$	19916	19633	2	8722
2349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^{*+}D_1'^-)$	19926	19642	2	8724
2350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0D^{*+}\bar{D}^0D^{*0})$	19938	19654	2	8726
2351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-\eta D^+D^{*+})$	19978	19694	2	8728
2352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^-)$	19991	19706	2	8730
2353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega D^{*+}\bar{D}^{*-})$	20000	19714	2	8732
2354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0D^-D^{*+}D^{*+})$	358	358	2	8734
2355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+n\bar{\Sigma}_c^0)$	360	360	2	8736
2356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	20062	19776	2	8738
2357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\eta D^-D^{*+})$	5866	5842	2	8740
2358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D_2^{*+}D_s^{*-})$	20167	19879	2	8742
2359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^+D^-)$	20176	19888	2	8744
2360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^-D^{*+})$	20196	19908	2	8746
2361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0K^-D^{*+}\bar{D}^0\bar{D}^{*0})$	20216	19928	2	8748
2362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}D_1'^-)$	20286	19998	2	8750
2363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\omega D^-D^{*+}D_s^-)$	20302	20013	2	8752

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0D_s^{*-})$	20308	20019	2	8754
2365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+D_2^{*-}D_s^{*+})$	5873	5849	2	8756
2366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_s^{*+}D_0^{*+})$	20346	20056	2	8758
2367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eD^-D_s^+D_1^+)$	20386	20096	2	8760
2368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\omega\omega D^+D^-)$	20405	20115	2	8762
2369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\Delta^+\bar{\Lambda}_c^-)$	20411	20121	2	8764
2370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	20425	20135	2	8766
2371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\omega K^-D^-D^{*+}\bar{D}^{*0})$	20435	20144	2	8768
2372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	20440	20149	2	8770
2373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}n\bar{p})$	20464	20173	2	8772
2374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\bar{D}^{*-}D^0)$	5885	5861	2	8774
2375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}a_1^+)$	20480	20189	2	8776
2376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D^{*0})$	20538	20244	2	8778
2377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}D_{s1}'^-)$	20550	20255	2	8780
2378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^*K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0)$	1006	1005	2	8782
2379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}\bar{D}^{*-}D^{*0}D_1^+)$	20607	20310	2	8784
2380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^0D^{*+}D^0\bar{D}^{*0})$	20625	20328	2	8786

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}\bar{D}^0 D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^{*+}D^{*+}\bar{D}^0 D^{*0})$	5902	5878	2	8788
2382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^- D^+D^-)$	20648	20350	2	8790
2383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D_0^{*-}D_1^+)$	3003	2995	2	8792
2384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}D_s^-)$	20674	20376	2	8794
2385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- D^+D^-D_s^{*+})$	20708	20410	2	8796
2386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e D^- D_s^+ D_1'^+)$	20713	20415	2	8798
2387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\omega\omega D^- D^{*+}D_{s1}'^-)$	20720	20422	2	8800
2388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^0 D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^- K^0 D^{*+}D^0\bar{D}^0)$	20730	20432	2	8802
2389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+}D^{*0}a_1^-)$	20735	20437	2	8804
2390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\eta D^- D^{*+})$	20764	20466	2	8806
2391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	20788	20490	2	8808
2392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\omega D^+\bar{D}^{*-})$	20803	20505	2	8810
2393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^+D^-D_s^{*+})$	20819	20521	2	8812
2394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\omega D^- D^{*+})$	20826	20528	2	8814
2395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	20838	20540	2	8816
2396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \mu^+\nu_\mu X_u^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\bar{D}^{*-}a_1^+)$	20839	20541	2	8818
2397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^+D^-)$	5908	5884	2	8820

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to D^{*+}D_s^{*-}a_1^-D_1'^+)$	1007	1006	2	8822
2399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}D^-D^{*+})$	20900	20602	2	8824
2400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu D^+D^-n\bar{p})$	20913	20615	2	8826
2401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}D_{s1}'^+)$	20952	3306	2	8828
2402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_eK^-D^{*+}D^{*+}\bar{D}^{*0})$	20971	20672	2	8830
2403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	20976	20677	2	8832
2404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu K^0K^{*-}D^+D^-)$	21003	20704	2	8834
2405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}D_s^{*+}J/\psi)$	21004	20705	2	8836
2406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^{*0}n\bar{\Lambda}_c^-)$	5928	5904	2	8838
2407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	5932	5908	2	8840
2408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	21041	20740	2	8842
2409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^{*0}D_1^-)$	21080	20778	2	8844
2410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \pi^0\bar{K}^*D^0\bar{D}^0\Delta^+\bar{\Sigma}_c^{*-})$	21084	20782	2	8846
2411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-})$	21095	20793	2	8848
2412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \omega n\bar{\Sigma}_c^0$ $(e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}n\bar{\Sigma}_c^0)$	21100	20798	2	8850
2413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\eta D^-D^{*+}D_{s1}'^-)$	21158	20853	2	8852
2414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}D_s^-)$	21183	20877	2	8854

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-D^-D^{*+})$	21186	20880	2	8856
2416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	21200	20894	2	8858
2417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}D^{*+})$	21258	20949	2	8860
2418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \mu^+\nu_\mu D_0^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-D_0^{*-})$	1701	1696	2	8862
2419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^*D^{*+}D_s^-\chi_{c0})$	21378	21064	2	8864
2420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_{s1}'^+)$	21386	21072	2	8866
2421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}D_s^{*+})$	21431	21116	2	8868
2422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+D^-)$	21488	21173	2	8870
2423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}D_1^-)$	21516	21201	2	8872
2424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c(2S), \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}\eta_c(2S))$	21529	21214	2	8874
2425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{n}\Sigma_c^+)$	21601	21284	2	8876
2426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	21619	21302	2	8878
2427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^0D_s^+D_s^{*-})$	21631	21313	2	8880
2428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	21646	21327	2	8882
2429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+D^{*+}\bar{D}^{*-}D^0)$	21661	21342	2	8884
2430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-})$	3043	3035	2	8886
2431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^0K^{*-}D^{*+}\bar{D}^{*-})$	21698	21379	2	8888

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta K^*D^+D^+\bar{D}^{*-})$	21707	21388	2	8890
2433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+D^{*+}\bar{D}^{*-}D^0)$	21723	21404	2	8892
2434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^+D^-)$	21751	21432	2	8894
2435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+D^-D_2^{*+}D_s^-)$	21752	21433	2	8896
2436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^+D^-D^0D^{*0}D_s^{*-})$	21839	21516	2	8898
2437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	5963	5939	2	8900
2438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	21872	21549	2	8902
2439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	21876	21553	2	8904
2440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e X_u^-\pi^+\bar{\Delta}^+\Sigma_c^{*0})$	21935	21610	2	8906
2441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\omega\omega D^-D^{*+})$	21938	21613	2	8908
2442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^{*+}J/\psi)$	21994	21668	2	8910
2443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	22068	21742	2	8912
2444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^0\bar{D}^0D_s^{*+})$	22081	21755	2	8914
2445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}D_0^{*-})$	22082	21756	2	8916
2446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e D_1^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-}D_1^-)$	5965	5941	2	8918
2447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-D^-D_2^{*+})$	22127	21800	2	8920
2448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-K^*D^+D^+\bar{D}^{*-})$	22133	21806	2	8922

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_1'^+)$	22140	21813	2	8924
2450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-D^-D^{*+})$	22172	21843	2	8926
2451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_1^-)$	22200	13564	2	8928
2452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^{*+}\eta_c)$	1715	1709	2	8930
2453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^+\bar{D}^{*-}\bar{n}p)$	22241	21911	2	8932
2454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+D^-D^{*+})$	22301	21971	2	8934
2455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^-D_1'^+)$	3053	3045	2	8936
2456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^*D^{*+}D^{*+}\bar{D}^{*-})$	22405	22073	2	8938
2457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	22435	17312	2	8940
2458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}J/\psi K_1^0)$	22526	22190	2	8942
2459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_0^{*+}a_1^+)$	22538	22201	2	8944
2460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-D^-D_1^+)$	22577	22237	2	8946
2461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega K^0D^+D^-D^{*+})$	1717	1711	2	8948
2462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-D_2^{*+}D_0^{*-})$	22681	22338	2	8950
2463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega\bar{D}^{*-}D_1^+)$	5994	5970	2	8952
2464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	22729	22384	2	8954
2465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^+D^-D_s^{*-})$	6006	5982	2	8956

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-D^{*+}D_s^{*-})$	22773	22425	2	8958
2467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}\bar{D}^{*0})$	22800	22451	2	8960
2468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*-})$	22812	22463	2	8962
2469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}D_s^{*+})$	6017	5992	2	8964
2470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+D^-)$	22913	22563	2	8966
2471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^-D^{*+})$	6020	5995	2	8968
2472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+K^+K^-D^-D^{*+})$	22996	22645	2	8970
2473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_eX_u^-D^+)$	3058	3050	2	8972
2474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\bar{D}^{*-})$	363	363	2	8974
2475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-})$	23056	22704	2	8976
2476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta D^+D^-)$	23121	22767	2	8978
2477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	23139	22784	2	8980
2478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+\bar{D}^{*-})$	23142	22787	2	8982
2479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}D^0\bar{D}^{*0})$	23226	22869	2	8984
2480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^+D^-D^{*+}D^{*0})$	23235	22878	2	8986
2481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^{*+}\eta_c)$	23242	22885	2	8988
2482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^0\bar{K}^*D^+D^{*+})$	23259	22902	2	8990

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^- D_0^{*+})$	23324	22967	2	8992
2484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\psi(3770)$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-\bar{D}^{*-}\psi(3770))$	6066	6040	2	8994
2485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	23390	23032	2	8996
2486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0\bar{K}^0D^+D^-)$	23427	23068	2	8998
2487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*0})$	23439	23079	2	9000
2488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e D^{*+}D_s^{*-}D_1'^-)$	23474	23114	2	9002
2489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\eta D^+\bar{D}^{*-})$	23493	23133	2	9004
2490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}D_s^{*+})$	23570	23209	2	9006
2491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	23572	9409	2	9008
2492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	23582	23220	2	9010
2493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^{*+})$	23601	23239	2	9012
2494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^+D_2^{*-})$	23602	23240	2	9014
2495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \bar{K}^0K^{*+}D^-D^{*+}a_1^-)$	23625	23263	2	9016
2496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	23629	23266	2	9018
2497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^{*+}D_1'^-)$	23632	23269	2	9020
2498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_s^+)$	23675	23312	2	9022
2499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^{*-}D^{*+}D_2^{*-})$	23678	23315	2	9024

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^*K^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\bar{K}^0K^*K^{*+}D^{*+})$	23681	23318	2	9026
2501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^+D^0D^{*-}_s$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D^{*-}_sD'^+_{s1})$	6081	6055	2	9028
2502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D^+_s, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}D^+_s)$	23723	23359	2	9030
2503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}D'^+_{s1})$	23749	23384	2	9032
2504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^+D^+)$	23753	23388	2	9034
2505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	23792	23427	2	9036
2506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta D^+\bar{D}^{*-})$	23825	23459	2	9038
2507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^+\bar{p}\Sigma^0_c$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}\bar{p}\Sigma^0_c)$	23835	23466	2	9040
2508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^-n\bar{n})$	23844	23475	2	9042
2509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}_0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^{*-}D^{*+}_0)$	23846	23477	2	9044
2510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	23850	23481	2	9046
2511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\bar{n}\Sigma^0_c$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{n}\Sigma^0_c)$	23924	23554	2	9048
2512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\omega D^+\bar{D}^{*-})$	23963	23591	2	9050
2513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^*D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	23975	11375	2	9052
2514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\eta D^-D^{*+})$	23988	23615	2	9054
2515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+D'^-_{s1}$ $(e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}D'^-_{s1})$	23996	23623	2	9056
2516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a^+_1, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^-a^+_1)$	24078	23704	2	9058

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+D^+D^-)$	48	48	2	9060
2518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}D^{*0}D_s^{*+})$	24145	23771	2	9062
2519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^-D^{*+})$	24162	23788	2	9064
2520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-}D_s^{*-})$	24188	23813	2	9066
2521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \tau^+\nu_\tau D^-D^0\Delta^+\bar{\Delta}^+)$	24247	23871	2	9068
2522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0D^-D^{*+}a_1^-)$	24270	23894	2	9070
2523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^-D^{*+})$	24277	23901	2	9072
2524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_s^{*-}\gamma)$	24293	23917	2	9074
2525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+K^-D^+D^-)$	24296	23920	2	9076
2526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-D_s^+)$	24298	23922	2	9078
2527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to K^*D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	24311	23934	2	9080
2528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^{*0}D_s^+)$	24327	23950	2	9082
2529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^-D^{*+})$	24370	23992	2	9084
2530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^-D^{*+}D_s^{*+})$	24398	24018	2	9086
2531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^0)$	24510	24129	2	9088
2532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}D_s^-)$	24525	24144	2	9090
2533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	6102	6076	2	9092

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-D^+\bar{D}^{*-})$	24580	24199	2	9094
2535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \bar{D}^{*-}D_{s1}'^+$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}a_1^+D_{s1}'^+)$	24586	24205	2	9096
2536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^+\bar{D}^{*-})$	24599	24218	2	9098
2537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^{*+}D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	24616	24235	2	9100
2538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}D_s^{*-})$	24640	2354	2	9102
2539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D_s^{*-}D_1^+)$	24668	7486	2	9104
2540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^{*+}J/\psi)$	24669	24285	2	9106
2541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D^{*+}D_s^{*+})$	6113	6087	2	9108
2542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-D^+\bar{D}^0D_s^{*+}a_1^-)$	24711	24326	2	9110
2543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	6119	6093	2	9112
2544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^+D^-)$	24862	24473	2	9114
2545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega D^-D^{*+})$	24872	24483	2	9116
2546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+})$	24913	24523	2	9118
2547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0J/\psi$ $(e^+e^- \to e^+\nu_e\omega\bar{K}^0\bar{D}^{*-}J/\psi)$	24933	24542	2	9120
2548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-})$	24941	24550	2	9122
2549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^-D_s^{*+})$	24947	24556	2	9124
2550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^{*+}D_s^{*-}p\bar{\Sigma}_c^-)$	24985	24594	2	9126

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \eta K^0 K^- D^+$ $(e^+e^- \to \eta K^0 K^- D^+ \bar{D}^{*-} a_1^+)$	24990	24599	2	9128
2552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\nu_\mu \bar{D}^{*-} D_s^+ D_1^-)$	25020	24629	2	9130
2553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^* K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu \pi^+\pi^- K^* K^- D^+ \bar{D}^{*-})$	25042	24651	2	9132
2554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^- K^- D^{*+} D^{*+} \bar{D}^0)$	25081	24690	2	9134
2555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^* D^+ D^- \bar{D}^{*-})$	25093	24702	2	9136
2556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \rho^+\bar{D}^{*-} D^{*0}\Delta^+\bar{\Delta}^+)$	25110	24719	2	9138
2557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-} D_s^+ a_1^-)$	25185	24791	2	9140
2558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^* K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0 \bar{K}^* K^+ D^- D^{*+})$	25199	24804	2	9142
2559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+ D^- \bar{D}^{*-})$	25265	24870	2	9144
2560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e \bar{K}^0 D^- D^{*0}\bar{D}^{*0})$	25266	24871	2	9146
2561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^- \bar{\Delta}^0\Sigma_c^+)$	25303	24907	2	9148
2562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^- D^{*+}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0 K^0 K^- D^- D^{*+} D^{*+}\bar{D}^{*0})$	25339	24943	2	9150
2563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^{*-} D^- D^{*+}\bar{D}^{*0} D_s^{*+})$	25375	24978	2	9152
2564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^- D^+ n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu \rho^- D^+ D^- n\bar{n})$	25378	24981	2	9154
2565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu \pi^0\pi^+ D^{*0}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu \pi^0\pi^+ \bar{D}^{*-} D^{*0})$	25396	24998	2	9156
2566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^* K^- D^{*+} D_0^{*-})$	25495	25095	2	9158
2567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^-\rho^+ D^+ \bar{D}^{*-})$	25516	6701	2	9160

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega\omega D^- D^{*+})$	25540	25137	2	9162
2569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	1734	1728	2	9164
2570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^{*+}D^{*+}\bar{D}^0)$	25760	25350	2	9166
2571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0K^*\eta_c$ $(e^+e^- \to e^+\nu_e\pi^0K^*\bar{D}^{*-}\eta_c)$	25772	25361	2	9168
2572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}D^0)$	6127	6101	2	9170
2573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^+\bar{D}^0D_s^{*+})$	25788	25375	2	9172
2574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^+)$	25814	25400	2	9174
2575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}D_s^{*+})$	25819	11423	2	9176
2576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_1^+D_{s1}'^-)$	25875	25457	2	9178
2577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega K^0D^{*+}\bar{D}^{*0})$	25951	25530	2	9180
2578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\bar{D}^{*-}D^{*0})$	26062	25639	2	9182
2579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\omega D^-D^{*+})$	26067	25644	2	9184
2580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^+D_s^-)$	26078	25655	2	9186
2581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^+D^-\bar{D}^{*-}D^{*0})$	26089	25666	2	9188
2582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*+}D^-\bar{D}^{*-}D^{*0})$	26092	911	2	9190
2583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^-\bar{K}^*K^+\eta_cJ/\psi)$	26113	25689	2	9192
2584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0})$	26178	25753	2	9194

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	26187	25762	2	9196
2586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}n\bar{p})$	26232	25807	2	9198
2587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+D^+D^-D_s^-n\bar{n})$	26255	25830	2	9200
2588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	26262	21110	2	9202
2589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-D^-D_0^{*+})$	26264	25837	2	9204
2590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^0n\bar{n}D_{s1}'^-)$	26269	25842	2	9206
2591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}\Delta^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^-D^{*+}\bar{n}\Delta^+D_{s1}'^-)$	26276	25849	2	9208
2592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0D^{*+}\bar{D}^{*-})$	26306	4782	2	9210
2593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	26341	25909	2	9212
2594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-})$	26385	25953	2	9214
2595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+D^+)$	26415	25983	2	9216
2596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^{*+}D_1^-)$	26443	26010	2	9218
2597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}D_s^{*+}D_1^-)$	26473	26038	2	9220
2598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_1'^+)$	26551	21813	2	9222
2599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0D^+D^-D_s^-)$	26585	26145	2	9224
2600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-D^{*+}\bar{D}^{*-})$	26656	26216	2	9226
2601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26672	26231	2	9228

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0 D^{*+}\bar{D}^0)$	26679	26238	2	9230
2603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \rho^- D^{*+}\bar{D}^{*-}a_1^+\gamma)$	3080	3072	2	9232
2604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- D^+\bar{D}^0 D_s^+)$	26720	26277	2	9234
2605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	26800	26355	2	9236
2606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^+\eta D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	27012	26561	2	9238
2607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^- D^{*+}\bar{D}^{*-})$	27072	26619	2	9240
2608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^- D^{*+})$	27086	26633	2	9242
2609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^+D^+D^-D^{*0})$	27099	26646	2	9244
2610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}D_2^{*-})$	27133	26679	2	9246
2611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+D^-)$	27158	26703	2	9248
2612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}a_1^-)$	27185	26728	2	9250
2613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^{*-}J/\psi$ $(e^+e^- \to e^+\nu_e\rho^+K^{*-}\bar{D}^{*-}J/\psi)$	27281	26821	2	9252
2614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^-D^{*+})$	27337	26877	2	9254
2615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	27341	26881	2	9256
2616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+D^-\bar{D}^{*-})$	1736	1730	2	9258
2617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	6143	6116	2	9260
2618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega D^-D^{*+}D_s^{*-})$	27503	27038	2	9262

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\eta K^+D^+\bar{D}^{*-}D^{*0})$	27632	27162	2	9264
2620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega D^+\bar{D}^{*-})$	27640	27170	2	9266
2621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^{*0}\bar{D}^{*0})$	27663	27193	2	9268
2622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau D^-\bar{D}^{*-})$	3083	3075	2	9270
2623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^{*+})$	27800	23239	2	9272
2624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-})$	27829	27356	2	9274
2625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0p\bar{\Sigma}_c^-D_1^+)$	27848	27375	2	9276
2626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^+D^{*+}D_s^{*-}a_1^-)$	27851	27378	2	9278
2627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_s^{*-})$	27861	27388	2	9280
2628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e D_1'^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-}D_1'^-)$	27908	27432	2	9282
2629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^-D^{*+}\bar{n}p)$	28128	27640	2	9284
2630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28186	27696	2	9286
2631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	6153	6126	2	9288
2632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^-D_1^+)$	28238	27746	2	9290
2633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28293	27800	2	9292
2634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+D^+D^-D^{*0})$	28342	27847	2	9294
2635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-D^{*+}D^{*+})$	28350	27854	2	9296

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{D}^{*-}\bar{n}pD_0^{*+})$	28409	27910	2	9298
2637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to e^+\nu_e K^0K^-D^+D^-)$	6158	6131	2	9300
2638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	28571	28064	2	9302
2639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+D^{*+}a_1^-)$	28785	21316	2	9304
2640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^+\rho^-\eta D^+\bar{D}^{*-})$	28801	28289	2	9306
2641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \omega D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\omega D^+D^-n\bar{p})$	28809	28297	2	9308
2642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\omega D^-D^{*+}D_{s1}'^-)$	28822	28310	2	9310
2643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	28874	28360	2	9312
2644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^{*+}D^{*+}D_{s1}'^-)$	28916	28402	2	9314
2645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^-D^-D^{*+}\bar{D}^{*0})$	28972	28456	2	9316
2646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^-D^+\bar{D}^{*-}p\bar{p})$	28985	28469	2	9318
2647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^0D^+D^+D^-)$	28986	28470	2	9320
2648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-a_1^+)$	29017	28499	2	9322
2649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^{*+}D_0^{*-})$	29035	28517	2	9324
2650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+K^0K^-D^-D^{*+})$	29301	28773	2	9326
2651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta D^+D^{*+})$	29338	28810	2	9328
2652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\omega D^{*+}\bar{D}^{*-})$	29389	28859	2	9330

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\rho^+D^-D^{*+})$	29411	28881	2	9332
2654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-})$	29681	29143	2	9334
2655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\bar{D}^{*-}\bar{D}^0)$	29722	29182	2	9336
2656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+})$	30016	28370	2	9338
2657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^{*-}\bar{D}^0)$	6167	6140	2	9340
2658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	30052	29502	2	9342
2659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	30144	29591	2	9344
2660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-D^+D^-)$	30379	29815	2	9346
2661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^-D^{*+}D_s^+)$	30538	29966	2	9348
2662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^+D^-D^{*0})$	30673	30098	2	9350
2663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\chi_{c0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^*D^+D_s^{*-}\chi_{c0})$	30709	30131	2	9352
2664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^-)$	30935	30352	2	9354
2665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^{*+}D^-D^{*+})$	31038	30448	2	9356
2666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^-D^{*+})$	31653	31035	2	9358
2667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}p\bar{\Sigma}^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*0}p\bar{\Sigma}^-)$	32418	31773	2	9360
2668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^*D^+D^{*+}\bar{D}^{*-})$	2667	2661	1	9361
2669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^-\eta D^{*+})$	2668	2662	1	9362

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+D^-D^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^+D^+D^-D^{*0})$	2669	2663	1	9363
2671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\bar{K}^*K^-D^+D^-D_s^+)$	2670	2664	1	9364
2672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}D_1'^-)$	2671	2665	1	9365
2673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^{*0})$	121	121	1	9366
2674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta\omega K^+D^+D^{*+}\bar{D}^{*-})$	31	31	1	9367
2675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^*D^{*+}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \rho^-\eta K^*D^+D^{*+}\Delta^0\bar{\Delta}^+)$	2674	2668	1	9368
2676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta'D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0\eta'D^+D^-)$	2675	2669	1	9369
2677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^0, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^+D^0)$	2676	2670	1	9370
2678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to D^{*+}\bar{n}\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta D^-D^{*+}\bar{n}\Sigma^-)$	2677	2671	1	9371
2679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0K^*D^+D^-)$	528	528	1	9372
2680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	2679	2673	1	9373
2681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	529	529	1	9374
2682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\omega D^+D^-\bar{n}p)$	2681	2675	1	9375
2683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*p\bar{\Xi}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+p\bar{\Xi}_c^-)$	2682	2676	1	9376
2684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+K^-\eta_c(2S)$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D^-\eta_c(2S))$	2683	2677	1	9377
2685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^{*+}D^+\bar{D}^{*-})$	2684	2678	1	9378
2686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega K^-K^{*+}D^+D^-)$	2685	2679	1	9379

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+D^-D_1'^-)$	2686	2680	1	9380
2688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\omega\bar{K}^0K^+D^-D^{*+})$	530	530	1	9381
2689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^{*+}K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^+K^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*+}K^{*-}K^{*-}\bar{D}^{*0})$	531	531	1	9382
2690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D_2^{*-}D_s^{*+})$	2689	2683	1	9383
2691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	2690	2684	1	9384
2692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	532	532	1	9385
2693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^-D^0D_s^-)$	2692	2686	1	9386
2694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}D^{*+}\bar{D}^{*-})$	2693	2687	1	9387
2695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c1}, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\omega K^0\bar{K}^0\eta_c\chi_{c1})$	2694	2688	1	9388
2696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega D^+D_1^-)$	2695	2689	1	9389
2697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	2696	2690	1	9390
2698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+K^0K^-\bar{D}^{*0}, B^0 \to \pi^0\rho^0\pi^+K^+K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+K^0K^+K^-K^{*-}D^-\bar{D}^{*0})$	2697	2691	1	9391
2699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0K^*D^{*+}\bar{D}^{*0})$	2698	2692	1	9392
2700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^*\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega K^*\eta_cD_1'^+)$	2699	2693	1	9393
2701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^{*-}D_s^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^{*-}\bar{D}^{*-}D_s^+)$	123	123	1	9394
2702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0\chi_{c1}, B^0 \to D^-\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to \pi^0K^0D^-\bar{\Delta}^+\Delta^{++}\chi_{c1})$	2701	2695	1	9395
2703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^-\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\eta\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	2702	2696	1	9396

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\omega D^+ D^{*+})$	2703	2697	1	9397
2705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}D^0, \bar{B}^0 \to \eta D^+ D_s^{*-}$ $(e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}D^0 D_s^{*-})$	2704	2698	1	9398
2706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}J/\psi\bar{\Sigma}^+\Sigma^0)$	2705	2699	1	9399
2707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+D^+D^-D^0)$	2706	2700	1	9400
2708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to e^+\nu_e D^+D_s^- D_0^{*-})$	2707	2701	1	9401
2709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^+\omega\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^0\bar{K}^0K^+K^-K^{*+}D^-D^-D^0)$	2708	2702	1	9402
2710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\bar{K}^0K^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	2709	2703	1	9403
2711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+D^+\bar{D}^{*-}n\bar{\Delta}^0)$	2710	2704	1	9404
2712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \rho^+\omega\bar{K}^0\bar{D}^{*-}\eta_c)$	2711	2705	1	9405
2713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^0, B^0 \to \pi^0\pi^-\rho^+\eta\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^0\bar{D}^0)$	2712	2706	1	9406
2714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{K}^0K^+D^+\bar{D}^{*0})$	124	124	1	9407
2715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	2714	2708	1	9408
2716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0K^{*+}D^-D^{*+})$	535	535	1	9409
2717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0D_s^-)$	536	536	1	9410
2718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^0\omega K^{*-}D^+\bar{D}^0\bar{D}^{*0})$	2717	2711	1	9411
2719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0K^{*+}D^+D^-a_1^-\gamma)$	537	537	1	9412
2720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^-K^{*+}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\omega K^-K^{*+}D^+\bar{D}^{*-})$	2719	2713	1	9413

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to K_L\psi'$ $(e^+e^- \to K_L K^{*+}D^-D^0\psi')$	2720	2714	1	9414
2722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\omega D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0D^-D^{*+}D^{*0})$	2721	2715	1	9415
2723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^0\rho^+D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+D^-D^-)$	2722	2716	1	9416
2724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*n\bar{\Sigma}_c^0, \bar{B}^0 \to \eta K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \eta K^*K^-D^+\bar{D}^{*0}n\bar{\Sigma}_c^0)$	2723	2717	1	9417
2725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{D}^{*-}\bar{D}^0)$	2724	2718	1	9418
2726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D^{*+}p\bar{\Delta}^{++})$	2725	2719	1	9419
2727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{K}^0K^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0\bar{K}^0\bar{K}^0K^*D^-D_1^+)$	2726	2720	1	9420
2728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D_s^{*+}D_0^{*+})$	2727	2721	1	9421
2729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^0\bar{K}^0D^-D^{*+})$	2728	2722	1	9422
2730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D_s^-)$	538	538	1	9423
2731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^-D^{*+})$	539	539	1	9424
2732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+D^-D_s^+)$	32	32	1	9425
2733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*0})$	2732	2726	1	9426
2734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\phi D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+K^0\bar{K}^*\phi D^-D^{*+}D_s^{*-})$	2733	2727	1	9427
2735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^-D^+\bar{D}^{*0})$	2734	2728	1	9428
2736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^+D_1^-)$	2735	2729	1	9429
2737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to D_2^{*-}D_s^{*+}\gamma$ $(e^+e^- \to \bar{D}^{*-}D_2^{*-}D_s^{*+}D_{s1}'^+\gamma)$	2736	2730	1	9430

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^-)$	126	126	1	9431
2739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^0K^-K^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\bar{K}^0K^-K^{*+}D_1^-)$	542	542	1	9432
2740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0}D_s^{*+})$	2739	2733	1	9433
2741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\rho^+\rho^-K^-$ $(e^+e^- \to \pi^+\rho^+\rho^-K^-\bar{D}^{*-}D_s^{*+})$	2740	2734	1	9434
2742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^*D^+D^-D^{*+})$	2741	2735	1	9435
2743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\bar{D}^{*-}D_1^+)$	2742	2736	1	9436
2744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to K^0D^0$ $(e^+e^- \to \rho^0K^0D^-D^0\bar{n}p)$	2743	2737	1	9437
2745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*0}, B^0 \to \pi^+\pi^-K^-K^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^-K^{*+}\bar{D}^0\bar{D}^{*0})$	2744	2738	1	9438
2746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to K^+D^-D^0D^{*0}p\bar{\Delta}^+)$	2745	2739	1	9439
2747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^{*+}K^{*-}D^-D^{*+}\bar{n}p)$	543	543	1	9440
2748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^{*+}D^{*+}D_{s1}'^-)$	2747	2741	1	9441
2749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^-D^+, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^*K^-D^+D^+\Delta^-\bar{\Delta}^0)$	2748	2742	1	9442
2750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+}D^{*+})$	544	544	1	9443
2751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0K^{*+}\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^+)$	2750	2744	1	9444
2752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\rho^-, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-D^{*0}\bar{\Delta}^+\Sigma^{*+})$	2751	2745	1	9445
2753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \pi^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta D^-D^{*+}D_s^-)$	2752	2746	1	9446
2754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-})$	2753	2747	1	9447

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\omega, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^{*+})$	2754	2748	1	9448
2756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	2755	2749	1	9449
2757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_2^{*0}D^+J/\psi)$	2756	2750	1	9450
2758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0D^+D_s^+D_s^{*-})$	2757	2751	1	9451
2759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta\bar{K}^0K^+D^+D^-)$	2758	2752	1	9452
2760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega\bar{K}^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-\omega\bar{K}^0D^+D^{*+})$	2759	2753	1	9453
2761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+K^*\bar{K}^*D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+K^*\bar{K}^*D^-\bar{D}^{*-})$	545	545	1	9454
2762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+K^-D^+D^-\bar{D}^0)$	2761	2755	1	9455
2763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+\bar{\Delta}^+\Sigma_c^{++})$	2762	2756	1	9456
2764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^{*0})$	2763	2757	1	9457
2765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\omega K^{*+}\bar{D}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^{*+}D^+\bar{D}^0D_s^-)$	2764	2758	1	9458
2766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\omega\bar{K}^0K^+D^-D^{*+})$	546	546	1	9459
2767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0K^0\bar{K}^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0K^0\bar{K}^0D^0D_s^-)$	2766	2760	1	9460
2768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^0n\bar{n}\gamma)$	2767	2761	1	9461
2769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega D^+D^{*+})$	2768	2762	1	9462
2770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\bar{D}^{*-}D^0D_{s1}'^+)$	2769	2763	1	9463
2771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^{*+}K^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^{*+}K^{*+}K^{*-}K^{*-}\bar{D}^{*-})$	2770	2764	1	9464

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, B^0 \to \rho^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\eta\omega\bar{D}^{*-}D_0^{*-})$	33	33	1	9465
2773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}n\bar{p})$	2772	2766	1	9466
2774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D^-)$	2773	2767	1	9467
2775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to K^-D_s^{*+}$ $(e^+e^- \to K^0K^-D^0\bar{D}^{*0}D_s^{*+})$	2774	2768	1	9468
2776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-K^*D^+\bar{D}^0, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*D^+\bar{D}^0D^{*0}n\bar{\Delta}^0)$	2775	2769	1	9469
2777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to K^*D^{*+}\Delta^+\bar{\Sigma}_c^-a_1^-\gamma)$	2776	2770	1	9470
2778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	548	181	1	9471
2779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \eta D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\eta\eta D^+\bar{D}^{*-}D_s^-)$	2778	2772	1	9472
2780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*J/\psi D_1^+)$	2779	2773	1	9473
2781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}\bar{D}^{*-}D_1'^+)$	2780	2774	1	9474
2782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	2781	2775	1	9475
2783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^{*-}D^+$ $(e^+e^- \to K^{*-}D^+\bar{D}^{*-}a_1^+)$	2782	2776	1	9476
2784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	2783	2777	1	9477
2785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^-)$	2784	2778	1	9478
2786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^{*-}D^-J/\psi)$	2785	2779	1	9479
2787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-\bar{\Sigma}^+\Xi^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0D^-\bar{p}\bar{\Sigma}^+\Xi^-\Lambda_c^+)$	2786	2780	1	9480
2788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-K^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^*K^-K^{*+}\bar{D}^{*-})$	2787	2781	1	9481

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^- D^{*+}, \bar{B}^0 \to \pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+ D^- D^{*+} D^0)$	2788	2782	1	9482
2790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^-\rho^+ K^0 \bar{K}^* D^0$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+ K^0\bar{K}^* D^0 D_1^-)$	549	548	1	9483
2791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^- D^+ D^- D_s^{*-})$	2790	2784	1	9484
2792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}\gamma)$	550	549	1	9485
2793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*0})$	551	550	1	9486
2794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^- D^{*+})$	552	551	1	9487
2795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_e\eta D^{*+}\bar{D}^{*-}a_1^-)$	2794	2788	1	9488
2796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to K^- D^- D_s^{*+}\bar{\Delta}^+\Sigma_c^{*++})$	2795	2789	1	9489
2797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^- D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^- D^{*+} D^0)$	2796	2790	1	9490
2798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta K^0\bar{K}^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta K^0\bar{K}^0\bar{D}^{*-}\bar{D}^0)$	2797	2791	1	9491
2799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	2798	2792	1	9492
2800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}^+, B^0 \to e^+\nu_e D_1'^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-} D_{s1}^+ D_1'^-)$	2799	2793	1	9493
2801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+ D^0 D_s^- D_1'^-)$	128	128	1	9494
2802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^*\bar{D}^{*-}\eta_c)$	2801	2795	1	9495
2803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+ D^- D^0)$	2802	2796	1	9496
2804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^* D^- D^{*+})$	2803	2797	1	9497
2805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^{*+} n\bar{\Sigma}_c^0)$	2804	2798	1	9498

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu D^- D^0\Lambda\bar{\Sigma}^{*0})$	2805	2799	1	9499
2807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}D^0)$	2806	2800	1	9500
2808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	2807	2801	1	9501
2809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^-)$	2808	2802	1	9502
2810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to J/\psi K_1^0, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to K^+\bar{D}^{*-}D^0 J/\psi K_1^0)$	2809	2803	1	9503
2811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0 K^*K^-D^{*+}\bar{D}^0)$	2810	2804	1	9504
2812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to \tau^+\nu_\tau K_L\bar{D}^{*-}\eta_c)$	2811	2805	1	9505
2813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^0)$	2812	2806	1	9506
2814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^*K^+D^-D^{*+})$	554	553	1	9507
2815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+K^-\eta'D^+\bar{D}^{*-})$	2814	2808	1	9508
2816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\eta\eta D^+\bar{D}^0)$	2815	2809	1	9509
2817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-D^{*+})$	2816	2810	1	9510
2818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-})$	2817	2811	1	9511
2819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\omega K^{*+}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^-\eta\omega K^{*+}D^{*+}D_{s0}^{*-})$	2818	2812	1	9512
2820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\Delta^+\bar{\Xi}_c^{*-}, B^0 \to \bar{D}^{*0}n\bar{n}$ $(e^+e^- \to \eta\bar{D}^{*0}n\bar{n}\Delta^+\bar{\Xi}_c^{*-})$	2819	2813	1	9513
2821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \rho^+\omega K^0D_s^{*-}$ $(e^+e^- \to \rho^+\omega K^0K^+\bar{D}^{*-}D^{*0}D_s^{*-})$	2820	2814	1	9514
2822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}\gamma, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^{+}\gamma)$	2821	2815	1	9515

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	555	554	1	9516
2824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0 D^{*+}D_s^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	2823	2817	1	9517
2825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^-D^{*+}D_s^+)$	2824	2818	1	9518
2826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}p\bar{p})$	2825	2819	1	9519
2827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+D^-D^0D_s^-)$	556	555	1	9520
2828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^-\eta\bar{K}^*\bar{D}^{*-}\bar{D}^0D^{*0})$	557	556	1	9521
2829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K_LJ/\psi$ $(e^+e^- \to \pi^0K_L\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}J/\psi)$	2828	2822	1	9522
2830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^0D^+\bar{D}^0\bar{D}^{*0})$	2829	2823	1	9523
2831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+D^-D^{*+}p\bar{p})$	558	557	1	9524
2832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+\bar{D}^{*-}, B^0 \to K^0D^0\bar{D}^{*0}$ $(e^+e^- \to K^0K^0D^+\bar{D}^{*-}D^0\bar{D}^{*0})$	559	558	1	9525
2833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, B^0 \to \rho^-K^*\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^*\bar{K}^*D^-D_s^+D_s^{*+})$	560	559	1	9526
2834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^0D^+D_s^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	2833	2827	1	9527
2835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\rho^-D^-D^{*+}a_1^-)$	2834	2828	1	9528
2836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^-D^+\bar{D}^{*-})$	2835	2829	1	9529
2837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\rho^-K^0D^+D^+\bar{D}^{*0})$	2836	2830	1	9530
2838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^-K^{*+}D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^-K^{*+}D^{*+}D^{*0}D_s^{*-})$	2837	2831	1	9531
2839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\rho^-\omega\omega D^+\bar{D}^{*-})$	2838	2832	1	9532

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	2839	2833	1	9533
2841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Sigma}^{*+}\Sigma^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega D^-\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0})$	2840	2834	1	9534
2842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D_s^+D_1^-)$	2841	2835	1	9535
2843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^+\rho^-\eta\eta\eta'D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-\eta\eta\eta'D^0D_1^-)$	2842	2836	1	9536
2844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^-\bar{D}^0D_s^+, B^0 \to \pi^0\pi^-K^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^0D^{*+}\bar{D}^0\bar{D}^{*0}D_s^+)$	2843	2837	1	9537
2845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Sigma_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^{*+}\bar{\Lambda}\Sigma_c^0)$	2844	2838	1	9538
2846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^+D^+\bar{D}^{*-}D^{*0})$	561	560	1	9539
2847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0\bar{K}^0D^+D^+D^-)$	2846	2840	1	9540
2848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\omega D^{*+}\bar{D}^{*-})$	2847	2841	1	9541
2849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}a_1^+)$	2848	2842	1	9542
2850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^*K^-D^+\bar{D}^{*-}D_s^{*+})$	2849	2843	1	9543
2851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\bar{D}^{*-}D^{*0})$	2850	2844	1	9544
2852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^+D^-)$	2851	2845	1	9545
2853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	2852	2846	1	9546
2854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to K^0K^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau K^0K^+D_s^-D_1'^-)$	2853	2847	1	9547
2855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{K}_1^0\psi(3770))$	2854	2848	1	9548
2856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^-D^-, \bar{B}^0 \to \pi^+K^0\bar{K}^0D^{*0}D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^+K^0\bar{K}^0K^*K^-D^-D^{*0}D_s^-)$	2855	2849	1	9549

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\omega\omega\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\eta\omega\omega D^{*+}\bar{D}^0D_s^{*-})$	2856	2850	1	9550
2858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^{*0})$	562	561	1	9551
2859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^+K_S\bar{D}^{*-}\eta_c n\bar{n})$	2858	2852	1	9552
2860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}D^0D^0\bar{D}^{*0})$	563	562	1	9553
2861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}n\bar{p})$	2860	2854	1	9554
2862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	564	563	1	9555
2863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^*\eta' D^{*+}$ $(e^+e^- \to \rho^+\rho^-\bar{K}^*\eta' D^{*+}\bar{D}^{*-})$	2862	2856	1	9556
2864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{\Delta}^-\Delta^0 D_1'^+\gamma)$	2863	2857	1	9557
2865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^-D_1^+)$	2864	2858	1	9558
2866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\rho^-\omega\bar{D}^{*-})$	2865	2859	1	9559
2867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	565	564	1	9560
2868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+D^+\bar{D}^{*-}D_s^-)$	2867	2861	1	9561
2869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^*\bar{K}^*D^-, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\pi^+K^*\bar{K}^*D^-D^{*+}n\bar{p})$	2868	2862	1	9562
2870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^0D_s^-)$	566	565	1	9563
2871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta' D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta\eta' D^-D^{*+})$	567	566	1	9564
2872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, B^0 \to K^0D^-D^{*+}$ $(e^+e^- \to \pi^+K^0D^-D^{*+}n\bar{\Sigma}_c^-)$	2871	2865	1	9565
2873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^*\chi_{c1}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}\bar{\Delta}^0\Delta^+\chi_{c1})$	34	34	1	9566

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\omega\omega D^-\bar{D}^{*-})$	569	568	1	9567
2875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega K^*D^+D^{*+}\bar{D}^{*-})$	2874	2867	1	9568
2876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^-K^+D^+D^0\bar{D}^{*0}a_1^-)$	2875	2868	1	9569
2877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{p}\Delta^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0\bar{p}\Delta^+)$	570	569	1	9570
2878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^-\rho^+\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*K^-D^{*+}\chi_{c1})$	2877	2870	1	9571
2879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+K^{*-}D_2^{*-}\bar{D}^0D^{*0})$	2878	2871	1	9572
2880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^{*-}\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^-K^+K^{*-}\bar{D}^{*-}\bar{n}pD_1'^+)$	2879	2872	1	9573
2881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^-D^{*+})$	2880	2873	1	9574
2882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\Delta^-\bar{\Delta}^0p\bar{p})$	2881	2874	1	9575
2883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	2882	2875	1	9576
2884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+})$	2883	2876	1	9577
2885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{K}^0K^+D^-, B^0 \to \eta K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\eta K^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-})$	2884	2877	1	9578
2886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^{*0}D_s^{*-})$	571	570	1	9579
2887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu X_u^-D^-)$	2886	2879	1	9580
2888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D_2^{*+}\bar{D}^{*0}D_s^{*-})$	2887	2880	1	9581
2889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*-})$	572	571	1	9582
2890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	2889	2882	1	9583

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^- D^{*+})$	2890	2883	1	9584
2892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	573	572	1	9585
2893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*\eta_c, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{K}^* D^-\eta_c)$	2892	2885	1	9586
2894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-})$	130	130	1	9587
2895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\bar{K}^0K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*0})$	2894	2887	1	9588
2896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D_2^{*-}D^{*0}D_s^{*+})$	2895	2888	1	9589
2897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	2896	2889	1	9590
2898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \rho^0\rho^-K_2^{*0}D^{*+}J/\psi)$	575	574	1	9591
2899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\omega D^+D^+)$	131	131	1	9592
2900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to K_S\bar{K}^*\bar{D}^0D^{*0}\eta_c)$	2899	2892	1	9593
2901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to \pi^0\pi^0\rho^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0K^0D^0D_s^+D_s^-)$	2900	2893	1	9594
2902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	2901	2894	1	9595
2903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^-K^+D^+D^-D^0)$	577	576	1	9596
2904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^0D^+, \bar{B}^0 \to \eta K^{*-}D^+$ $(e^+e^- \to \pi^-\eta\omega K^0K^{*-}D^+D^+)$	2903	2896	1	9597
2905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D_2^{*-})$	2904	2897	1	9598
2906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0K^+\bar{D}^{*-}D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	2905	2898	1	9599
2907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^*D^+D^{*+}\bar{D}^{*-})$	2906	2899	1	9600

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \pi^+\rho^+\eta K^- K^- K^{*+}\bar{D}^{*-}J/\psi)$	2907	2900	1	9601
2909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^+\rho^-\eta\eta K^0\bar{K}^*D^+D^-)$	2908	2901	1	9602
2910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^0\omega\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\omega\bar{D}^{*-}\bar{D}^0)$	2909	2902	1	9603
2911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*K^+K^-D^+D^-\bar{D}^{*-})$	2910	2903	1	9604
2912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*+}\bar{p}\Xi_c'^0, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*0}\bar{p}\Xi_c'^0)$	2911	2904	1	9605
2913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+K^0\bar{K}^0K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0K^0\bar{K}^0K^+K^-K^{*-}D^+\bar{D}^{*-})$	2912	2905	1	9606
2914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^-\bar{\Delta}^+\Sigma_c^{++})$	2913	2906	1	9607
2915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-D^+\bar{D}^0D_s^+)$	2914	2907	1	9608
2916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*0}\bar{p}\Delta^+)$	2915	2908	1	9609
2917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{D}^{*-}\bar{n}\Lambda_c^+)$	2916	2909	1	9610
2918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to e^+\nu_eD_2^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_2^{*-}D_s^+)$	132	132	1	9611
2919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{K}^*D^-\eta_c)$	2918	2911	1	9612
2920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+D^+D^-n\bar{p})$	2919	2912	1	9613
2921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Omega}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\Delta^0\bar{\Omega}_c^{*0})$	2920	2913	1	9614
2922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^-D^{*0}\bar{n}p)$	579	578	1	9615
2923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	2922	2915	1	9616
2924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta\omega K^-D_s^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\eta\omega K^-D_2^{*+}D_s^+)$	2923	2916	1	9617

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	2924	2917	1	9618
2926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	2925	2918	1	9619
2927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^-\rho^-\omega\bar{K}^*K^+D^{*+}\Delta^+\bar{\Sigma}_c^-)$	2926	2919	1	9620
2928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Xi}_c'^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^-D^{*+}p\bar{\Xi}_c'^0D_{s1}'^-)$	2927	2920	1	9621
2929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_s^{*-}D_1^+)$	2928	2921	1	9622
2930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\omega\bar{K}^0K^{*-}D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\omega\bar{K}^0K^{*-}\bar{D}^{*-}D_s^{*+})$	2929	2922	1	9623
2931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^+\bar{D}^0)$	2930	2923	1	9624
2932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c2}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0\chi_{c2}D_1^+)$	2931	2924	1	9625
2933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0K^*K^-, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^+\eta K^0K^*K^-\bar{n}\Sigma_c^0)$	2932	2925	1	9626
2934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0K^{*-}D^+\bar{D}^{*-})$	2933	2926	1	9627
2935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}^+, B^0 \to \pi^0K^0D^-D^{*+}$ $(e^+e^- \to \pi^0K^0D^-D^{*+}\bar{D}^{*-}D_{s1}^+)$	2934	2927	1	9628
2936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	2935	2928	1	9629
2937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	2936	2929	1	9630
2938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \omega\bar{K}^0D^-D^{*+}\bar{n}\Sigma_c^0)$	2937	2930	1	9631
2939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+K^*K^+K^{*-}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^+K^*K^+K^{*-}D^0\bar{D}^0)$	2938	2931	1	9632
2940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+K^-D^+D^-)$	2939	2932	1	9633
2941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \rho^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\bar{K}^0D^+D^{*0}\bar{D}^{*0}D_s^-)$	2940	2933	1	9634

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	2941	2934	1	9635
2943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-})$	0	0	1	9636
2944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^{*+}\bar{D}^{*0}\Delta^-\bar{\Delta}^0)$	2943	2936	1	9637
2945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\eta\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0D^-D_s^{*+})$	2944	2937	1	9638
2946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^+\bar{D}^{*-}\gamma)$	581	580	1	9639
2947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^+D^-)$	2946	2939	1	9640
2948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega K^+D^{*+}D_s^{*-})$	134	134	1	9641
2949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-}\Sigma^0\bar{\Sigma}^0)$	2948	2941	1	9642
2950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0K^0\bar{K}^0, \bar{B}^0 \to \rho^+D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\rho^+K^0K^0\bar{K}^0D^{*+}n\bar{\Delta}^{++})$	2949	2942	1	9643
2951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^{*-}D^+D^{*+}\bar{D}^{*0})$	2950	2943	1	9644
2952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+, \bar{B}^0 \to K^0\bar{K}^0D^+D_s^{*-}$ $(e^+e^- \to \rho^-K^0\bar{K}^0D^+D_s^{*-}\bar{n}\Sigma_c^+)$	2951	2944	1	9645
2953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+})$	2952	2945	1	9646
2954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0K^{*-}\eta'D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*-}\eta'\bar{D}^{*0}D_s^+)$	2953	2946	1	9647
2955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^-D^-D^{*+}\bar{D}^0)$	2954	2947	1	9648
2956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^*D_s^-D_s^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^-D_s^-D_s^{*+})$	2955	2948	1	9649
2957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0K^*K^-D^{*+}\bar{D}^{*-})$	2956	2949	1	9650
2958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-D^+D_1^-)$	2957	2950	1	9651

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^- D^{*+}D^{*+})$	2958	790	1	9652
2960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	2959	2951	1	9653
2961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^0, \bar{B}^0 \to \eta D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\eta K^0D^-D^{*+}D^0D_s^{*-})$	2960	2952	1	9654
2962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega K^-\bar{D}^{*-}D^0\bar{D}^0)$	2961	2953	1	9655
2963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^-\rho^-\omega K^{*+}D^+D^+D^-)$	2962	2954	1	9656
2964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \rho^+\omega K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	2963	2955	1	9657
2965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}a_1^+)$	2964	2956	1	9658
2966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^-D^{*+})$	2965	2957	1	9659
2967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0D^{*+}\bar{D}^{*-}D^0)$	2966	2958	1	9660
2968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^-D_2^{*+})$	2967	2959	1	9661
2969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\eta_c, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0K^0\bar{K}^0D^{*0}\bar{D}^{*0}\eta_c)$	2968	2960	1	9662
2970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^+\bar{D}^{*-}D^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	583	582	1	9663
2971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-})$	2970	2962	1	9664
2972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+D^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-})$	584	583	1	9665
2973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\rho^+K^0K^-D^{*0}$ $(e^+e^- \to \rho^0\rho^+K^0K^0K^-D^-D^{*+}D^{*0})$	2972	2964	1	9666
2974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-D^{*+}D^{*+})$	2973	2965	1	9667
2975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-D^{*+}D^{*0}n\bar{p})$	2974	2966	1	9668

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	2975	2967	1	9669
2977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+D^-D^0, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^+K^{*-}D^+D^-D^0)$	2976	2968	1	9670
2978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-})$	2977	2969	1	9671
2979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-K^*\bar{K}^*D^{*+}\bar{D}^0D_s^+)$	585	584	1	9672
2980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \rho^+\omega K^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\omega K^+K^{*-}\bar{D}^{*-}D_1'^-)$	2979	2971	1	9673
2981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\eta K^+K^-K^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta K^+K^-K^{*+}D^+)$	2980	2972	1	9674
2982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\omega D^-\bar{D}^{*-}D_{s1}'^+)$	4	4	1	9675
2983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-})$	2982	2974	1	9676
2984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	2983	2975	1	9677
2985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}\Delta^-\bar{n})$	2984	2976	1	9678
2986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\rho^-\bar{K}^0D^+\bar{D}^0D_1^-)$	2985	2977	1	9679
2987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^{*+}D^{*+}\bar{D}^{*-})$	2986	2978	1	9680
2988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0D^-\chi_{c1})$	2987	2979	1	9681
2989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^+)$	2988	2980	1	9682
2990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\eta$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\eta D^-)$	2989	2981	1	9683
2991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+K^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega K^0D^+D^-)$	136	136	1	9684
2992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega\bar{K}^*K^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\omega\bar{K}^*K^+D^+\bar{D}^0)$	2991	2983	1	9685

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
2993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^0K^+D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\rho^-\omega\bar{K}^0K^+D^+D_1^-)$	2992	2984	1	9686
2994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^-D^+D^{*+}\bar{D}^{*0})$	2993	2985	1	9687
2995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D_2^{*+}\Delta^0\bar{\Delta}^0)$	2994	2986	1	9688
2996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^*K^{*+}D^+D^-)$	2995	2987	1	9689
2997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^+\bar{D}^{*-})$	588	587	1	9690
2998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\eta K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\eta K^0K^-D^{*+}\bar{D}^{*-})$	2997	2989	1	9691
2999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^{*+}K^{*-}D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+\eta K^{*+}K^{*-}D^+D^-D_s^-)$	589	588	1	9692
3000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0J/\psi, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \omega K^0D^{*+}J/\psi a_1^-)$	2999	2991	1	9693
3001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^+\pi^-\omega K^+K^{*-}\phi\phi$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^+K^{*-}\phi\phi\bar{\Delta}^+\Sigma_c^{++})$	3000	2992	1	9694
3002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+p\bar{\Sigma}_c^0)$	3001	2993	1	9695
3003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta D^{*0}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\eta\omega D^{*+}D^{*0})$	590	589	1	9696
3004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to K^+\bar{D}^{*-}D^0D^0p\bar{\Delta}^+)$	591	590	1	9697
3005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	3004	2996	1	9698
3006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^-\rho^-\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-\bar{D}^{*-}\bar{D}^0)$	3005	2997	1	9699
3007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^{*-}D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0K^{*-}D^-D^{*+})$	3006	2998	1	9700
3008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^0K^-D^+D^-D^{*+}\bar{D}^{*0})$	3007	2999	1	9701
3009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0D^+D^-D^{*+})$	3008	3000	1	9702

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\eta' D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\eta\omega\eta' D^+\bar{D}^{*-})$	3009	3001	1	9703
3011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-})$	592	591	1	9704
3012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+D^-, \bar{B}^0 \to \pi^+\pi^-\eta K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^*K^+K^-D^+D^-D^{*+})$	3011	3003	1	9705
3013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*D^-D^{*+}D^{*+})$	3012	3004	1	9706
3014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^+K^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-K^+K^-D^+)$	3013	3005	1	9707
3015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^{*+}\bar{D}^{*-})$	3014	3006	1	9708
3016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^+D^-D^0D^{*0})$	3015	3007	1	9709
3017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega K^{*+}D^-\bar{D}^{*-})$	3016	3008	1	9710
3018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\eta D^-D_1^-)$	3017	3009	1	9711
3019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*0}\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\bar{D}^{*-}D^{*0}\bar{\Sigma}^0\Sigma^+)$	3018	3010	1	9712
3020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{n}\Lambda_c^+)$	3019	3011	1	9713
3021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \eta\eta K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\eta\eta\omega K^0K^0\bar{K}^0K^{*-}D^+D^-)$	3020	3012	1	9714
3022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^-\rho^+\eta\omega K^+D^-$ $(e^+e^- \to \pi^-\rho^+\eta\omega K^+D^-\bar{D}^{*-}D_s^{*+})$	3021	3013	1	9715
3023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}a_1^-)$	3022	3014	1	9716
3024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta K^-D^-D^0)$	3023	3015	1	9717
3025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{p}\Delta^{++})$	3024	3016	1	9718
3026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-\omega\bar{K}^*K^+D^{*0}$ $(e^+e^- \to \rho^-\omega\bar{K}^*K^+K^{*+}\bar{D}^{*-}D^0D^{*0})$	3025	3017	1	9719

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-D^-\bar{D}^{*0}D_{s1}'^+)$	3026	3018	1	9720
3028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	3027	3019	1	9721
3029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \eta D^+D_s^{*-}$ $(e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}D_s^{*-})$	3028	3020	1	9722
3030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\rho^-\eta D^-\bar{\Delta}^+\Sigma_c^{++})$	3029	3021	1	9723
3031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	3030	3022	1	9724
3032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\rho^-\omega D^+D^+)$	3031	3023	1	9725
3033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^-K^+D^+D^-D^{*+}a_1^-)$	3032	3024	1	9726
3034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^+\bar{D}^0)$	3033	3025	1	9727
3035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\omega D^{*+}\bar{D}^{*-})$	3034	3026	1	9728
3036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*\bar{K}^*K^{*+}D^+D^-\bar{D}^{*0})$	3035	3027	1	9729
3037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+}\gamma)$	3036	3028	1	9730
3038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-)$	593	592	1	9731
3039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\Delta^0\bar{\Xi}_c^{*0})$	3038	3030	1	9732
3040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^0)$	3039	3031	1	9733
3041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^-D^{*+})$	3040	3032	1	9734
3042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+K^*K^{*-}$ $(e^+e^- \to \pi^0\pi^+K^*K^+K^{*-}D^-D^{*0})$	3041	3033	1	9735
3043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^0K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\rho^0K^-D^{*+}\bar{D}^0D_1^-)$	3042	3034	1	9736

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*D^+D^-\bar{D}^{*-})$	594	593	1	9737
3045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega D^-D^{*+}\bar{\Delta}^-\Delta^0)$	3044	3036	1	9738
3046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^*\bar{D}^0J/\psi)$	3045	3037	1	9739
3047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0)$	3046	3038	1	9740
3048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0D_s^-, \bar{B}^0 \to \pi^0\rho^0D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0D^+D_s^-\Delta^0\bar{\Delta}^+)$	595	594	1	9741
3049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\bar{K}^*K^+D^+\bar{D}^{*-})$	3048	3040	1	9742
3050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^+, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^{*-}D^+D^0\bar{D}^0)$	3049	3041	1	9743
3051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\omega\omega D^-D^{*+})$	3050	3042	1	9744
3052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta' D^+D_0^{*-})$	3051	3043	1	9745
3053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega D^-, B^0 \to \omega K^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^0D^+D^-\bar{D}^{*-})$	3052	3044	1	9746
3054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+D_s^{*-}, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0K^+D^{*0}D_s^{*-}n\bar{n})$	137	137	1	9747
3055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\eta D^+D^-D_s^+)$	3054	3046	1	9748
3056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}$ $(e^+e^- \to e^+\nu_eK^+D^-\Delta^+\bar{\Sigma}_c^{*--})$	138	138	1	9749
3057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{K}^*K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*0})$	3056	3048	1	9750
3058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^+K^-\bar{D}^{*-}D^{*0})$	3057	3049	1	9751
3059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*K^+K^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^0K^*K^+K^{*-}\bar{D}^{*-})$	139	139	1	9752
3060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^0\bar{K}^0\bar{p}\Lambda_c^+$ $(e^+e^- \to K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}\bar{p}\Lambda_c^+)$	3059	3051	1	9753

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi D^+D^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^- K^0\phi D^+D^+D^-)$	3060	3052	1	9754
3062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\rho^+\eta\omega D^- D^{*+}a_1^-)$	3061	3053	1	9755
3063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^- K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^- K^*K^{*-}D^+\bar{D}^{*-})$	3062	3054	1	9756
3064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, B^0 \to \rho^+\omega D^-\gamma$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\omega D^- D_2^{*-}\gamma)$	3063	3055	1	9757
3065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^+K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+K^+K^{*-}D^+D^-)$	3064	3056	1	9758
3066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega D^+D^-)$	3065	3057	1	9759
3067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^+p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^+D^+p\bar{\Delta}^{++})$	37	37	1	9760
3068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}D^0D_s^-)$	3067	3059	1	9761
3069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \mu^+\nu_\mu D_0^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-D_0^{*-})$	3068	3060	1	9762
3070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^- D^+\Delta^0\bar{\Sigma}_c^0\gamma)$	3069	3061	1	9763
3071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-\rho^+D_2^{*-}\bar{n}\Lambda_c^+)$	3070	3062	1	9764
3072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^- K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	3071	3063	1	9765
3073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^- D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+)$	600	599	1	9766
3074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^- D^{*+}D_s^{*+})$	3073	3065	1	9767
3075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+D^-D_{s0}^{*+})$	3074	3066	1	9768
3076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+D^-\bar{D}^{*-}D^{*0}a_1^+)$	3075	3067	1	9769
3077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^0K^-D^{*+}\bar{D}^0D_s^-D_s^{*+})$	3076	3068	1	9770

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}p)$	3077	3069	1	9771
3079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \bar{K}^0D_2^{*-}D_s^{*+}\bar{\Delta}^0\Sigma_c^0)$	601	600	1	9772
3080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta D^-\bar{D}^{*-})$	3079	3071	1	9773
3081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}\gamma)$	602	601	1	9774
3082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^0\Delta^+\bar{\Sigma}_c^{*--})$	3081	3073	1	9775
3083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-D^-D^{*+})$	603	602	1	9776
3084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta' D^{*+}\bar{D}^{*-})$	604	603	1	9777
3085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*-}D^0)$	3084	3076	1	9778
3086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^+)$	3085	3077	1	9779
3087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0K^+D^{*+}D_s^-$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0K^+D^+D^{*+}\bar{D}^{*0}D_s^-)$	3086	3078	1	9780
3088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, B^0 \to \rho^0\rho^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^+\rho^-\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	3087	3079	1	9781
3089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*0}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0}\bar{\Delta}^-\Delta^0)$	3088	3080	1	9782
3090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^0\bar{K}^0D^-D^0D_s^-D_s^{*+})$	3089	3081	1	9783
3091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	3090	3082	1	9784
3092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^-D_s^{*+}\gamma)$	141	141	1	9785
3093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^{*0})$	3092	3084	1	9786
3094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}n\bar{\Sigma}_c^0)$	606	605	1	9787

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}$ $(e^+e^- \to \bar{K}^*K^+K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--})$	607	606	1	9788
3096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-D^+D^{*+})$	3095	3087	1	9789
3097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+K^*D^{*+}\bar{D}^{*-}D^0D_s^-)$	3096	3088	1	9790
3098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \eta D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	3097	3089	1	9791
3099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\psi(3770), \bar{B}^0 \to D^+\bar{n}\Sigma^-$ $(e^+e^- \to \pi^+\pi^-K^0D^+\bar{n}\Sigma^-\psi(3770))$	3098	3090	1	9792
3100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}a_1^-)$	3099	3091	1	9793
3101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\omega K^*K^-D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^-D^{*+})$	608	607	1	9794
3102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\bar{K}^0\eta_c\Delta^+\bar{\Sigma}_c^{*--})$	3101	3093	1	9795
3103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-K^+K^-D^-D^{*+})$	609	608	1	9796
3104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-, \bar{B}^0 \to \pi^0\eta\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega K^*K^-D^+)$	3103	3095	1	9797
3105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^0)$	3104	3096	1	9798
3106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+K^{*+}\bar{D}^{*-}, B^0 \to \pi^+\omega K^{*+}K^{*-}D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^{*+}K^{*+}K^{*-}D^-\bar{D}^{*-})$	3105	3097	1	9799
3107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta K^{*+}D_s^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\eta K^{*+}D^+D_s^-)$	3106	3098	1	9800
3108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^-K^{*+}D^-D^{*+}\bar{n}p)$	3107	3099	1	9801
3109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{\prime 0}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-D_s^{*+}\bar{\Delta}^+\Xi_c^{\prime 0})$	3108	3100	1	9802
3110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^0\pi^+K^{*-}D^+D^-D^-\bar{n}p)$	3109	3101	1	9803
3111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-K^-D^-D^{*+}\bar{D}^0D_s^+)$	3110	3102	1	9804

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ \phi \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\omega K^{*-} D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\omega\bar{K}^* K^+ K^{*-}\phi\bar{D}^{*-} D_s^{*+})$	610	609	1	9805
3113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}\bar{D}^0\bar{\Lambda}\Sigma^{*0})$	3112	3104	1	9806
3114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s0}^{*-}$ $(e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-} D_{s0}^{*-})$	3113	3105	1	9807
3115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^0 K^+\eta' D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	3114	3106	1	9808
3116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^+\bar{K}^* D^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^+\bar{K}^* D^- D^- D^{*0})$	3115	3107	1	9809
3117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^* K^+ K^-\bar{D}^{*-} D^{*0}\bar{D}^{*0})$	3116	3108	1	9810
3118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	3117	3109	1	9811
3119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ K^{*+}\bar{D}^{*-} D^0)$	3118	3110	1	9812
3120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-} D_s^+, \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-} D_s^+)$	3119	3111	1	9813
3121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^- D^- D^{*+})$	3120	3112	1	9814
3122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \rho^0\pi^+\rho^- D^0$ $(e^+e^- \to \rho^0\pi^+\rho^- K^+\bar{D}^{*-} D^0 D^0)$	3121	3113	1	9815
3123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^{*+} D^+\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	3122	3114	1	9816
3124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega D^{*+}\bar{D}^{*-} D_s^{*+})$	3123	3115	1	9817
3125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{D}^0 D_s^+ D_0^{*+})$	3124	3116	1	9818
3126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^- K^0, \bar{B}^0 \to \pi^+\pi^-\rho^+ K^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^- K^0 K^- D^{*0})$	3125	3117	1	9819
3127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\omega K^* D^+ D^{*+}\bar{D}^{*-})$	3126	3118	1	9820
3128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+ K^0 K^{*-} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta K^0 K^{*-} D^+\bar{D}^{*-})$	3127	3119	1	9821

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^0\bar{K}^0K^+D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\eta\omega\omega K^0\bar{K}^0K^+D^{*+}D^0)$	3128	3120	1	9822
3130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D^{*+}, B^0 \to \rho^0\pi^-\bar{K}^*K^+$ $(e^+e^- \to \rho^0\pi^-\bar{K}^*K^+D^-D^{*+})$	3129	3121	1	9823
3131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}\bar{D}^{*-})$	611	610	1	9824
3132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^+\rho^-\eta K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^-D^+n\bar{\Sigma}_c^0)$	3131	3123	1	9825
3133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-})$	3132	3124	1	9826
3134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{\Delta}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0D^+D^-\bar{D}^{*-}n\bar{\Delta}^0)$	3133	3125	1	9827
3135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^-D^-D^{*+}\bar{D}^{*0})$	3134	3126	1	9828
3136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta D^{*+}\bar{D}^{*-})$	3135	3127	1	9829
3137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta D^+D^{*+})$	3136	3128	1	9830
3138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_LJ/\psi, \bar{B}^0 \to \pi^+\pi^-\eta K^0K^-D^{*+}$ $(e^+e^- \to K_L\pi^+\pi^-\eta K^0K^-D^{*+}J/\psi)$	3137	3129	1	9831
3139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+\bar{D}^{*-}a_1^+D_{s1}'^-\gamma)$	3138	3130	1	9832
3140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^+)$	3139	3131	1	9833
3141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \eta K^0K^-K^-D^+D^{*+}\bar{D}^{*0})$	3140	3132	1	9834
3142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-K^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^+D^0D_s^{*-})$	3141	3133	1	9835
3143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\eta\omega\omega D^0$ $(e^+e^- \to \pi^0\rho^0\eta\omega\omega D^0\Delta^0\bar{\Sigma}_c^0)$	3142	3134	1	9836
3144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^+D^+D_s^-)$	3143	3135	1	9837
3145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^0)$	3144	3136	1	9838

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 \bar{K}^0 K^+, \bar{B}^0 \to \pi^0\pi^0 D^+ \Sigma^0 \bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\pi^- K^0 \bar{K}^0 K^+ D^+ \Sigma^0 \bar{\Sigma}^-)$	3145	3137	1	9839
3147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0\eta' D^0$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0\eta' D^0 D_1^-)$	3146	3138	1	9840
3148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^+ D^+ D_s^{*-})$	3147	3139	1	9841
3149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega K^0 K^0\bar{K}^* D^+\bar{D}^{*0})$	612	611	1	9842
3150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	3149	3141	1	9843
3151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^0)$	3150	3142	1	9844
3152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \rho^- K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^+ K^- D^+ D^-)$	613	612	1	9845
3153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^- D^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^- K^0 D^- D^0\bar{n}\Sigma_c^+)$	3152	3144	1	9846
3154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- D^+ D^- D_s^{*-})$	3153	3145	1	9847
3155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+ K^- D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta K^-\bar{D}^{*-} D^0\bar{D}^0)$	3154	3146	1	9848
3156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \rho^0\bar{\Lambda}\Xi^0$ $(e^+e^- \to \rho^0\bar{D}^{*-}\bar{\Lambda}\Xi^0 D_{s1}'^+)$	614	613	1	9849
3157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 K^* K^{*-}\bar{D}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^- K^0 K^* K^{*-} D^{*+}\bar{D}^0)$	3156	3148	1	9850
3158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0\bar{K}^0 K^*$ $(e^+e^- \to \pi^- K^0\bar{K}^0\bar{K}^0\bar{K}^0 K^*\bar{D}^0 D_s^{*+})$	3157	3149	1	9851
3159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0, \bar{B}^0 \to \rho^+ D^0 D_s^-$ $(e^+e^- \to \rho^+ K^* D^0\bar{D}^0 D_s^-)$	3158	3150	1	9852
3160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \rho^0\rho^+\omega D^+ D^- D_{s1}'^-)$	3159	3151	1	9853
3161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to \bar{K}^* K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^0\bar{K}^0\bar{K}^* K^- D^+ D^-)$	3160	3152	1	9854
3162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^-, \bar{B}^0 \to \pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0 D^+ D^-)$	3161	3153	1	9855

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\rho^0 D^{*0}$ $(e^+e^- \to \pi^0\rho^0 D^{*0}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	615	614	1	9856
3164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^- D^-\bar{n}p, \bar{B}^0 \to \pi^- K^+ K^- K^{*+} K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^+ K^- K^{*+} K^{*-} D^- D^{*+}\bar{n}p)$	3163	3155	1	9857
3165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^* K^+ D^{*0}\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*--})$	3164	3156	1	9858
3166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^- K^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^- K^+\bar{D}^{*-}\bar{D}^{*-})$	3165	3157	1	9859
3167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	3166	3158	1	9860
3168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^0 D^+ D^- D_s^{*+} D_{s1}'^-)$	3167	3159	1	9861
3169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^0 K^0 K^- D^+$ $(e^+e^- \to \rho^0\rho^0\rho^+\omega K^0 K^- D^+ D^-)$	3168	3160	1	9862
3170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ n\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \rho^+ D^{*+} n\bar{\Sigma}_c^- D_{s1}'^-)$	142	142	1	9863
3171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+ K^-\bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^+ K^-\bar{D}^{*-}\bar{D}^{*-} D_s^{*+})$	3170	3162	1	9864
3172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^- p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ D^- D^{*+} p\bar{p})$	3171	3163	1	9865
3173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^*\bar{K}^* D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^+ K^*\bar{K}^* D^- D^0 D_s^-)$	3172	3164	1	9866
3174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\omega\bar{K}^0$ $(e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	3173	3165	1	9867
3175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}\bar{p}\Sigma_c^+)$	617	616	1	9868
3176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+ D^-\bar{\Delta}^+\Sigma_c^{*0} D_{s1}'^+)$	3175	3167	1	9869
3177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* K^- D^+ D^{*+})$	143	143	1	9870
3178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+ D^- D_0^{*+})$	3177	3169	1	9871
3179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ D^0 p\bar{\Delta}^+)$	619	618	1	9872

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0 n\bar{\Delta}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \rho^0\pi^- D^{*+} D^0 nn\bar{n}\bar{\Delta}^0)$	3179	3171	1	9873
3181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- D^+ D_s^{*+} D_1^-)$	620	619	1	9874
3182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^- \bar{D}^{*-}\bar{n}\Delta^{++}, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^{++})$	3181	3173	1	9875
3183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^+\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^-\eta K^+ D^{*+}\bar{D}^{*0}a_1^-)$	3182	3174	1	9876
3184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^- D^+ p\bar{p}$ $(e^+e^- \to \rho^- K^{*-} D^+ D^+ \bar{D}^{*0} p\bar{p})$	3183	3175	1	9877
3185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \pi^0\rho^- D^- D_2^{*+} D_s^+)$	3184	3176	1	9878
3186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	144	144	1	9879
3187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ K^0\bar{K}^0 D^+ D^-)$	3186	3178	1	9880
3188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ D^+\bar{D}^{*-} D_s^{*-})$	3187	3179	1	9881
3189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0 D^+ D^- D^{*+})$	3188	3180	1	9882
3190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-})$	3189	3181	1	9883
3191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+ K^+ K^- D^-, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^* K^+ K^- D^-\psi')$	3190	3182	1	9884
3192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-})$	3191	3183	1	9885
3193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^- D^{*+})$	3192	1736	1	9886
3194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+ D^+ D^{*+})$	3193	3184	1	9887
3195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta' D^{*+}, \bar{B}^0 \to \pi^0\rho^- K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^-\rho^- K^{*+} K^{*-}\eta' D^+ D^{*+})$	3194	3185	1	9888
3196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \pi^-\rho^+\eta\eta' D^+ D^-)$	3195	3186	1	9889

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	3196	3187	1	9890
3198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}p\bar{\Lambda}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0D^{*+}\bar{D}^{*-}p\bar{\Lambda})$	3197	3188	1	9891
3199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-D^{*+}D_2^{*+})$	3198	3189	1	9892
3200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\eta K^0D^-D^{*+}D^{*+})$	3199	3190	1	9893
3201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-)$	3200	3191	1	9894
3202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \bar{K}^0\bar{K}^0K^*K^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^0K^*K^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	3201	3192	1	9895
3203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta K^0K^-D^+\bar{D}^{*-})$	3202	3193	1	9896
3204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^+\pi^-D^-D_s^{*+}J/\psi\bar{K}_1^0)$	622	621	1	9897
3205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}\gamma, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^+\bar{K}^*D_2^{*-}D^0\bar{D}^{*0}\gamma)$	3204	3195	1	9898
3206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0K^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-K^-D^+D^{*+})$	3205	3196	1	9899
3207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	3206	3197	1	9900
3208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \rho^0\bar{K}^0\bar{K}^0D_s^+D_s^-J/\psi)$	3207	3198	1	9901
3209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^-D^{*+}\bar{D}^0)$	3208	3199	1	9902
3210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega\eta'D^-D^{*+})$	623	622	1	9903
3211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta'D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\eta'\bar{D}^{*-}D^0)$	3210	3201	1	9904
3212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+p\bar{\Sigma}_c^0)$	3211	3202	1	9905
3213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\eta K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^+K^-D^+\bar{D}^{*-}D_s^+)$	3212	3203	1	9906

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \pi^0 K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Lambda}\Sigma^0)$	3213	3204	1	9907
3215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^0)$	3214	3205	1	9908
3216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^-)$	3215	3206	1	9909
3217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^*K^+D^-\bar{\Delta}^0\Sigma_c^{*+})$	624	623	1	9910
3218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0\bar{K}^*\eta' D^{*+}\bar{D}^{*-})$	3217	3208	1	9911
3219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D_1^-)$	3218	3209	1	9912
3220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}a_1^-)$	3219	3210	1	9913
3221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-D^-D^{*+}a_1^-)$	3220	3211	1	9914
3222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	3221	3212	1	9915
3223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to e^+\nu_e D^+D_0^{*-}D_{s1}'^-)$	3222	3213	1	9916
3224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^-K^0\bar{K}^0K^-D^+\bar{\Lambda}\Sigma_c^+)$	3223	3214	1	9917
3225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-D^+D^-)$	3224	3215	1	9918
3226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\omega\eta' D^0$ $(e^+e^- \to \pi^+\pi^-\omega\eta'\bar{D}^{*-}D^0D_{s1}'^+)$	3225	3216	1	9919
3227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^-K^{*+}K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^*K^-K^-K^{*+}K^{*+}D^+\bar{D}^{*-})$	3226	3217	1	9920
3228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{K}^*K^+\bar{D}^{*-}D^{*0})$	625	624	1	9921
3229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^*D^+D^-\bar{D}^{*-})$	626	625	1	9922
3230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^-K^+D^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-K^+D^-D^{*+}\bar{D}^{*-})$	627	626	1	9923

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^-D^{*+})$	3230	3221	1	9924
3232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^0D^-D_s^+$ $(e^+e^- \to \pi^0D^-D^-D_s^+a_1^+)$	628	627	1	9925
3233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}D^{*0}n\bar{\Delta}^0)$	3232	3223	1	9926
3234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{\Delta}^+\Delta^{++}D_1^+\gamma)$	3233	3224	1	9927
3235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	629	628	1	9928
3236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^-D^+D^-)$	3235	3226	1	9929
3237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+K^0\bar{K}^*K^-D^-D^{*+}\bar{D}^{*-})$	145	145	1	9930
3238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+D_0^{*-})$	631	630	1	9931
3239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-n\bar{n}, \bar{B}^0 \to \pi^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+D^-\bar{D}^{*-}n\bar{n})$	632	631	1	9932
3240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\psi', \bar{B}^0 \to \pi^-\omega\omega\omega D^+$ $(e^+e^- \to \pi^-\omega\omega\omega K_SD^+\psi')$	3239	3230	1	9933
3241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	3240	3231	1	9934
3242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	3241	3232	1	9935
3243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^+D^0D_s^{*-})$	3242	3233	1	9936
3244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\eta D^-D_1^-)$	3243	3234	1	9937
3245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^+D_s^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \eta K^0K^-D^+D^{*+}D_s^-)$	633	632	1	9938
3246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}D^{*+})$	3245	3236	1	9939
3247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta K^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\eta\omega\omega K^{*-}\bar{D}^{*-}D_s^+)$	3246	3237	1	9940

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^*K^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+K^0K^*K^-D^{*+}D_s^{*-})$	3247	3238	1	9941
3249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^0)$	3248	3239	1	9942
3250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^0D_s^+D_s^{*-}D_1^-)$	3249	3240	1	9943
3251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-})$	634	633	1	9944
3252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta K^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^+\bar{D}^0)$	635	634	1	9945
3253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	3252	3243	1	9946
3254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \omega K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega K^-D^{*+}\bar{D}^{*-})$	3253	3244	1	9947
3255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^-\bar{D}^{*-}\bar{D}^0D^{*0})$	3254	3245	1	9948
3256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^*D^{*0}$ $(e^+e^- \to \rho^0\pi^-\rho^+\bar{K}^*D^{*0}D_s^{*+}D_1'^-)$	3255	3246	1	9949
3257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^+K^-D^{*0}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^-K^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^+K^-K^-K^{*-}D^{*0}D_s^+D_s^{*-})$	3256	3247	1	9950
3258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\eta K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^-D^{*+}D^{*+}\bar{D}^0)$	3257	3248	1	9951
3259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^{*-}D^-, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^+K^+K^{*-}D^-D^{*+}D_s^{*-}\gamma)$	3258	3249	1	9952
3260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^-\bar{K}^*D^-J/\psi)$	3259	3250	1	9953
3261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*-})$	3260	3251	1	9954
3262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}\gamma)$	3261	3252	1	9955
3263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0K^0D^+D^-D^{*+}D_s^-)$	3262	3253	1	9956
3264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^*\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	3263	3254	1	9957

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\eta D^-D^-)$	3264	3255	1	9958
3266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-\pi^-K^{*+}D^0\eta_c)$	636	635	1	9959
3267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0D^-D^-D^0)$	3266	3257	1	9960
3268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \rho^0\pi^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta K^0\bar{K}^0D^-\bar{D}^{*-})$	3267	3258	1	9961
3269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{n}\Delta^{++})$	3268	3259	1	9962
3270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{p}\Sigma^0$ $(e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}\bar{p}\Sigma^0)$	3269	3260	1	9963
3271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\omega\bar{K}^*$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\eta\omega\bar{K}^*\bar{D}^{*-})$	637	636	1	9964
3272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	3271	3262	1	9965
3273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^-D^{*+}a_1^-)$	3272	3263	1	9966
3274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta\bar{K}^*D^+\bar{D}^{*-})$	638	637	1	9967
3275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\rho^-\eta, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\rho^-\eta D_1^+)$	639	638	1	9968
3276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^{*-}D^0D_s^{*+})$	3275	3266	1	9969
3277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}D^0\bar{D}^{*0}p\bar{p})$	3276	3267	1	9970
3278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-)$	3277	3268	1	9971
3279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_0^{*+})$	3278	3269	1	9972
3280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0D^+D^-D^0)$	3279	3270	1	9973
3281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*J/\psi, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^*K^{*+}\bar{D}^{*-}J/\psi)$	3280	3271	1	9974

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\eta K^+K^-p\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0\pi^0\eta K^+K^-D^+\bar{D}^{*-}p\bar{\Lambda}_c^-)$	640	639	1	9975
3283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{p}\Sigma_c^{*++})$	3282	3273	1	9976
3284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+\gamma, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^-\rho^-K^0\bar{K}^0D^+D^+\gamma)$	641	640	1	9977
3285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0D^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^0D^-\bar{D}^{*-}D^0)$	3284	3275	1	9978
3286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^0D^0\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega K^0\bar{D}^{*-}D^0\bar{D}^0)$	3285	3276	1	9979
3287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-K^-\bar{D}^{*0}\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-D^0\bar{D}^{*0}\bar{D}^{*0}\bar{n}p)$	3286	3277	1	9980
3288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D_s^{*-}D_0^{*+})$	3287	3278	1	9981
3289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+D^{*+})$	3288	3279	1	9982
3290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*J/\psi, \bar{B}^0 \to \pi^0\omega K^0\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\omega K^0K^*\bar{K}^*K^-D^{*+}J/\psi)$	642	641	1	9983
3291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^+K^-D^+\bar{D}^{*-}\bar{D}^0)$	643	642	1	9984
3292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta K^0\bar{K}^*D^-D^-)$	3291	3282	1	9985
3293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \rho^-\eta\omega\omega K^*D^+\bar{D}^{*0})$	3292	3283	1	9986
3294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^{*-}D_1'^-)$	3293	3284	1	9987
3295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \omega\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \omega\bar{K}^0D_2^{*-}D^0\bar{D}^{*0}D_s^{*+})$	3294	3285	1	9988
3296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^{*+})$	3295	3286	1	9989
3297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^{*+}D^-D^{*+}D^0)$	3296	3287	1	9990
3298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^0D_{s0}^{*-})$	644	643	1	9991

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{\Delta}^+, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-K^{*-}D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*-}D^0p\bar{\Delta}^+)$	3298	3289	1	9992
3300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to \pi^0\pi^+K^*D^-D^{*0}$ $(e^+e^- \to \pi^0K_L\pi^+K^*D^-D^{*0}\psi')$	3299	3290	1	9993
3301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to K^+\bar{p}\bar{\Xi}_c'^0$ $(e^+e^- \to e^+\nu_eK^+\bar{p}\bar{\Xi}_c'^0D_1^-)$	645	644	1	9994
3302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^{*0})$	3301	3292	1	9995
3303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^+\rho^-K^0K^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\rho^-K^0K^-D^+D^{*+})$	3302	3293	1	9996
3304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-)$	3303	3294	1	9997
3305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\bar{K}^0K^+D^+D^-)$	3304	3295	1	9998
3306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^+\omega\bar{K}^*D^+D^-\bar{D}^{*-}\gamma)$	3305	3296	1	9999
3307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*-}\bar{D}^0)$	3306	3297	1	10000
3308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-})$	3307	3298	1	10001
3309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+a_1^+)$	3308	3299	1	10002
3310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\eta K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\eta K^*K^{*-}D^+p\bar{\Sigma}_c^{--})$	3309	3300	1	10003
3311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*0})$	3310	3301	1	10004
3312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*0}D^{*0})$	3311	3302	1	10005
3313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\Sigma^+\bar{\Xi}^0, \bar{B}^0 \to \rho^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\Sigma^+\bar{\Xi}^0)$	3312	3303	1	10006
3314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\omega K^*\bar{K}^*D^+n\bar{\Xi}_c'^0)$	3313	3304	1	10007
3315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	3314	3305	1	10008

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, B^0 \to e^+\nu_e D^-$ $(e^+e^- \to e^+\nu_e D^- \bar{D}^{*-} D_{s1}'^{+})$	3315	3306	1	10009
3317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+D^-D_s^+)$	3316	3307	1	10010
3318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{n}\Sigma^+\bar{\Sigma}^-\Sigma_c^0)$	646	645	1	10011
3319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^{*0}n\bar{\Sigma}_c^-)$	3318	3309	1	10012
3320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+})$	3319	3310	1	10013
3321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, B^0 \to \pi^0\pi^+\rho^-\eta\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\eta\bar{K}^0K^+D^-\bar{D}^{*-})$	3320	3311	1	10014
3322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^0\bar{K}^0K^*K^{*-}D^+$ $(e^+e^- \to K^0\bar{K}^0K^*K^+K^{*-}D^+\bar{D}^{*-}D^{*0})$	3321	3312	1	10015
3323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Lambda}\Xi_c'^{+}$ $(e^+e^- \to e^+\nu_e K^-\bar{D}^{*-}\bar{\Lambda}\Xi_c'^{+})$	3322	3313	1	10016
3324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-})$	3323	3314	1	10017
3325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to K^{*-}D^{*+}$ $(e^+e^- \to K^0K^{*-}D^{*+}J/\psi)$	647	646	1	10018
3326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta K^{*+}D^{*+}\bar{D}^{*-})$	648	647	1	10019
3327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	649	648	1	10020
3328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0\gamma$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_{s1}'^{+}\gamma)$	3327	3318	1	10021
3329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	3328	3319	1	10022
3330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\Delta^0\bar{\Sigma}_c^{*-})$	3329	3320	1	10023
3331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \rho^0\pi^+K^{*-}\eta_c$ $(e^+e^- \to \rho^0\pi^+\rho^-K^{*-}D_2^{*+}\eta_c)$	146	146	1	10024
3332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	3331	3322	1	10025

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\omega D^- D^{*+})$	3332	3323	1	10026
3334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+ D^- D_1^+)$	3333	3324	1	10027
3335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \eta'\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to K^+\eta'\bar{D}^{*-} D^0\bar{\Delta}^0\Sigma_c^0)$	3334	3325	1	10028
3336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-} D^0\bar{n}\Delta^+)$	651	650	1	10029
3337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\bar{\Sigma}^{*0}\Xi_c'^0$ $(e^+e^- \to \pi^0\rho^- K^0 D^{*+}\bar{D}^0\bar{\Sigma}^{*0}\Xi_c'^0)$	652	651	1	10030
3338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta D^+\bar{D}^{*-})$	3337	3328	1	10031
3339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 J/\psi, B^0 \to K^* D^+ D^-$ $(e^+e^- \to K^0 K^* D^+ D^- J/\psi)$	3338	3329	1	10032
3340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\omega K^{*-} D^+\bar{D}^{*-}\bar{D}^{*0})$	3339	3330	1	10033
3341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+ D^- D_s^+)$	3340	3331	1	10034
3342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	3341	3332	1	10035
3343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ a_1^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to D^+ D^{*+} a_1^- a_1^-)$	653	652	1	10036
3344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega K^+ K^{*-} D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^0 K^+ K^{*-} D^+ D^{*+}\bar{D}^{*-})$	3343	3334	1	10037
3345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^* K^+ D^+$ $(e^+e^- \to \pi^-\pi^-\eta\omega\bar{K}^*\bar{K}^* K^+ K^{*+} D^+\bar{D}^{*-})$	3344	3335	1	10038
3346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\bar{D}^{*0} D_s^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega D^+\bar{D}^{*0} D_s^+)$	3345	3336	1	10039
3347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_s^{*+} D_1^-)$	3346	3337	1	10040
3348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^-\omega D^+\bar{D}^{*0} D_s^-)$	3347	3338	1	10041
3349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\rho^- K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^0)$	3348	3339	1	10042

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0K^*K^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^*K^*K^-K^-K^{*+}D^-D^{*+}D^{*+})$	3349	3340	1	10043
3351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+K^+K^+K^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\rho^+K^+K^+K^-D^{*+}\bar{D}^0)$	3350	3341	1	10044
3352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+}n\bar{p})$	3351	3342	1	10045
3353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+K^-K^{*+}\bar{D}^{*-}n\bar{\Xi}_c'^-)$	3352	3343	1	10046
3354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*0})$	3353	3344	1	10047
3355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \tau^+\nu_\tau D_2^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_2^{*-}D_{s1}'^+)$	654	653	1	10048
3356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^{*+}\bar{D}^{*0})$	3355	3346	1	10049
3357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^0\Lambda\bar{\Sigma}_c^0$ $(e^+e^- \to e^+\nu_eK^0\bar{D}^{*-}\Lambda\bar{\Sigma}_c^0)$	655	654	1	10050
3358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	3357	3348	1	10051
3359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to \pi^+K^{*+}D^-D^{*0}\Delta^0\bar{\Sigma}_c^{*-})$	3358	3349	1	10052
3360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega K^0\bar{D}^0, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega\omega K^0D^{*+}\bar{D}^0)$	3359	3350	1	10053
3361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^-D^{*+}\bar{D}^0\bar{D}^0)$	656	655	1	10054
3362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^+D_1^-)$	657	656	1	10055
3363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to K_L\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0K_L\pi^+D^-\chi_{c1})$	3362	3353	1	10056
3364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-D^+D_1^-)$	3363	3354	1	10057
3365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^-D^{*+})$	3364	3355	1	10058
3366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}a_1^+)$	3365	3356	1	10059

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	3366	3357	1	10060
3368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega\omega K^+K^-D^{*+}\bar{D}^{*-})$	3367	3358	1	10061
3369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \tau^+\nu_\tau D_2^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D_2^{*-}D_0^{*-})$	3368	3359	1	10062
3370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, B^0 \to \omega\bar{D}^{*-}D_s^+$ $(e^+e^- \to \pi^+\omega\eta'\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	3369	3360	1	10063
3371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0K^*D^+D^{*+}\bar{D}^{*-}D_s^-)$	3370	3361	1	10064
3372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_1'^+)$	3371	3362	1	10065
3373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\pi^+\pi^-\omega\omega K^+K^{*-}D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\omega K^+K^{*-}D^-\bar{D}^{*-}D_s^{*+})$	3372	3363	1	10066
3374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^{*-})$	3373	3364	1	10067
3375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^0\bar{K}^*D^+D^-\bar{D}^{*-}\bar{n}p)$	3374	3365	1	10068
3376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	3375	3366	1	10069
3377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega\omega D^-, \bar{B}^0 \to \rho^0\pi^+D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\omega\omega D^-D^{*+}\Delta^-\bar{p})$	3376	3367	1	10070
3378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\rho^-\bar{D}^0D_1'^+)$	3377	3368	1	10071
3379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\eta\eta D^+\bar{D}^{*-}\Delta^-\bar{n})$	3378	3369	1	10072
3380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-D^-D_s^{*-}D_1^+)$	147	147	1	10073
3381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^-D_1'^-\chi_{c1})$	3380	3371	1	10074
3382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\eta D^+D^-)$	3381	3372	1	10075
3383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	659	658	1	10076

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0\bar{K}^*D^+D^-D_s^{*-})$	3383	3374	1	10077
3385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_S D^+\chi_{c1})$	3384	3375	1	10078
3386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	3385	3376	1	10079
3387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^-D^{*+})$	3386	3377	1	10080
3388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^+D^0D_s^{*-})$	3387	3378	1	10081
3389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^{*-}, \bar{B}^0 \to \pi^-\omega\eta'D^+$ $(e^+e^- \to \pi^-\omega K^*\eta'D^+D_s^+D_s^{*-})$	3388	3379	1	10082
3390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\bar{D}^{*-}D^{*0})$	3389	3380	1	10083
3391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+D^-)$	148	148	1	10084
3392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^0)$	661	660	1	10085
3393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^+\rho^-D^+\bar{D}^{*-})$	3392	3383	1	10086
3394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p})$	3393	3384	1	10087
3395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\eta'D^-D^{*+})$	3394	3385	1	10088
3396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \rho^0\rho^-K^+K^-D^+$ $(e^+e^- \to \rho^0\rho^-K^+K^-D^+\bar{D}^{*0}n\bar{n})$	3395	3386	1	10089
3397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e\pi^0D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	662	661	1	10090
3398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta K^0D^+D^{*+}\bar{D}^{*-})$	3397	3388	1	10091
3399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\omega D^+D^-)$	663	662	1	10092
3400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{\Sigma}^0\Xi^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Xi^0)$	3399	3390	1	10093

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	3400	3391	1	10094
3402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0})$	664	663	1	10095
3403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D_s^-D_s^{*+}, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{D}^{*0}D_s^-D_s^{*+})$	3402	3393	1	10096
3404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0\bar{K}^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-})$	3403	3394	1	10097
3405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta K^0K^0\bar{K}^*\bar{K}^*\eta'D^{*+}\bar{D}^{*-})$	3404	3395	1	10098
3406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0)$	665	664	1	10099
3407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}\phi\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta\eta\bar{K}^0K^{*+}\phi D^+\bar{D}^{*-})$	666	665	1	10100
3408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0K^*D^+D^-)$	3407	3398	1	10101
3409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^+, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^-D_s^+)$	3408	3399	1	10102
3410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	3409	3400	1	10103
3411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\omega K^*K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^*K^-D^+D_0^{*-})$	149	149	1	10104
3412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^-D^+\bar{D}^{*-})$	3411	3402	1	10105
3413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+D^+\Delta^-\bar{p}$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^0D_s^+\Delta^-\bar{p})$	3412	3403	1	10106
3414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^-D^{*+})$	3413	3404	1	10107
3415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\phi\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}\phi D^{*+}\Sigma^-\bar{\Sigma}^0)$	3414	3405	1	10108
3416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0D^{*0})$	3415	3406	1	10109
3417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+})$	3416	895	1	10110

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\omega K^0K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0K^-D^-D^{*+})$	668	667	1	10111
3419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0D^{*+}D_s^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0D^{*+}D^{*+}D_s^-)$	3418	3408	1	10112
3420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\rho^+K^0\bar{D}^{*-}D^0\bar{D}^0D^{*0})$	3419	3409	1	10113
3421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^+D^-D_s^+)$	3420	3410	1	10114
3422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+D^0)$	3421	3411	1	10115
3423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}D_2^{*-}\bar{D}^0D_s^+)$	3422	3412	1	10116
3424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \rho^0D_2^{*+}D_s^{*-}\bar{n}\Xi_c'^0)$	3423	3413	1	10117
3425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\rho^-D^+D_1^-)$	3424	3414	1	10118
3426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Omega}_c^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}n\bar{\Omega}_c^0D_{s0}^{*-})$	3425	3415	1	10119
3427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \pi^0\pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*K^{*-}D^+D^+)$	38	38	1	10120
3428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^+K^+K^-K^-D^0$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^*K^+K^-K^-K^{*+}D^-D^0)$	3427	3417	1	10121
3429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^-\omega\omega D^+\bar{D}^{*-})$	3428	3418	1	10122
3430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^{*-}D^-D^{*+}\bar{D}^{*-})$	670	669	1	10123
3431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\rho^+\omega K^*K^-D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\rho^+\omega K^*K^-D^-\bar{D}^{*-})$	671	670	1	10124
3432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+K^+D^-D^-D^{*0})$	3431	3421	1	10125
3433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^-\eta_c)$	3432	3422	1	10126
3434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+\eta\eta\bar{D}^{*-}\bar{D}^{*-})$	3433	3423	1	10127

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	672	671	1	10128
3436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0})$	3435	3425	1	10129
3437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^0K^{*-}D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-})$	3436	3426	1	10130
3438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	3437	3427	1	10131
3439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to \pi^0\bar{D}^{*-}D^0n\bar{n}\bar{n}p)$	673	672	1	10132
3440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-})$	3439	3429	1	10133
3441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\eta'D^+D^-D_{s1}'^-)$	3440	3430	1	10134
3442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}\chi_{c0})$	3441	3431	1	10135
3443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-K^{*+}D^-D^{*+}D^0)$	3442	3432	1	10136
3444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\bar{D}^{*-}D_2^{*+}p\bar{p})$	3443	3433	1	10137
3445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-n\bar{n}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\eta D^-D^{*+}n\bar{n}D_{s1}'^-)$	674	673	1	10138
3446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^{*+}D_2^{*+})$	3445	3435	1	10139
3447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	3446	3436	1	10140
3448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^-\bar{D}^{*-}\bar{n}\Delta^{++}$ $(e^+e^- \to e^+\nu_e\rho^-D^-\bar{D}^{*-}\bar{n}\Delta^{++})$	3447	3437	1	10141
3449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}D^-\bar{n}\Lambda, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^{*+}D^-\bar{n}\Lambda D_0^{*+})$	3448	3438	1	10142
3450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^0\bar{K}^*D^-D^{*0})$	3449	3439	1	10143
3451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\eta K^{*-}D^+D^+\bar{D}^{*0})$	3450	3440	1	10144

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^-K^+\bar{D}^{*-}\bar{D}^0D^{*0}D_s^+)$	3451	3441	1	10145
3453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^+\omega\bar{K}^*D^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\bar{K}^*D^-D_1^+)$	3452	3442	1	10146
3454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	675	674	1	10147
3455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to K^{*+}\bar{\Delta}^+\Omega_c^{*0}$ $(e^+e^- \to e^+\nu_eK^{*+}\bar{\Delta}^+\Omega_c^{*0}D_0^{*-})$	3454	3444	1	10148
3456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta_c, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\omega D^+\eta_c)$	3455	3445	1	10149
3457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \eta\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\eta\bar{K}^0\bar{D}^{*-}J/\psi\bar{\Sigma}^0\Sigma^+)$	151	151	1	10150
3458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\phi D^-, \bar{B}^0 \to K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^+K^-\phi D^-D^{*+})$	677	676	1	10151
3459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^{*+}D^+D^-a_1^-)$	3458	3448	1	10152
3460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\Delta^+\bar{\Xi}_c'^-)$	3459	3449	1	10153
3461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\rho^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\rho^-\bar{D}^{*-})$	3460	3450	1	10154
3462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-D_s^+\bar{n}\Lambda_c^+D_1^-)$	3461	3451	1	10155
3463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta K^+K^-D^+\bar{D}^{*-}D_s^-)$	3462	3452	1	10156
3464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\Delta^0\bar{\Sigma}^+)$	3463	3453	1	10157
3465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+D_s^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^0K^+D^{*+}D_s^-D_{s1}'^-)$	3464	3454	1	10158
3466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-})$	3465	3455	1	10159
3467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^{*+})$	3466	3456	1	10160
3468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\eta\omega D^0$ $(e^+e^- \to \pi^0\eta\omega D^0\bar{D}^0\bar{p}\Delta^+)$	3467	3457	1	10161

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^- D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^- D^{*+} D^{*0})$	3468	3458	1	10162
3470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta K^+ K^- D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta K^+ K^- K^{*-} D^{*+} D^{*+} \bar{D}^{*0})$	3469	3459	1	10163
3471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^- K^*\bar{\Delta}^0\Delta^+\bar{\Lambda}_c^-\Sigma_c^{*+})$	3470	3460	1	10164
3472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \rho^0\pi^-\rho^-\bar{K}^0 K^+ D^+$ $(e^+e^- \to \rho^0\pi^-\rho^- K^0\bar{K}^0 K^+ D^+\bar{\Delta}^-\Delta^-)$	3471	3461	1	10165
3473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\eta\omega D^{*+}\bar{D}^{*-})$	3472	3462	1	10166
3474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^- D^+ D^{*+})$	3473	3463	1	10167
3475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*-})$	3474	3464	1	10168
3476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0 D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^{*+} D^+\bar{D}^0\Delta^+\bar{\Delta}^{++})$	3475	3465	1	10169
3477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \eta\bar{K}^0 K^+\bar{D}^{*-}, B^0 \to \pi^0\eta\bar{K}^0 K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\eta\eta\bar{K}^0\bar{K}^0 K^+ K^+\bar{D}^{*-}\bar{D}^{*-})$	3476	3466	1	10170
3478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, B^0 \to \pi^-\rho^+\rho^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta\omega D^-\bar{D}^{*-} D_s^{*+})$	3477	3467	1	10171
3479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+ K^- D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+ K^-\bar{D}^{*-} D^0\bar{D}^0)$	3478	3468	1	10172
3480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* K^+ K^- D^{*+}\bar{D}^0)$	678	677	1	10173
3481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^{*0})$	3480	3470	1	10174
3482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^+, \bar{B}^0 \to \rho^0\bar{K}^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0 K^0\bar{K}^0 K^{*-} D^+ D^0\bar{D}^{*0})$	3481	3471	1	10175
3483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to K^{*-}\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to \omega K^{*-} p\bar{\Sigma}^{*0}\bar{\Sigma}_c^-\Xi_c^{*+})$	3482	3472	1	10176
3484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta D^- D^{*+})$	3483	3473	1	10177
3485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-} D^0 D_s^{*-})$	3484	3474	1	10178

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0 K^- D^+ \bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0 K^- D^+ \bar{D}^0 D_1^-)$	3485	3475	1	10179
3487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\gamma$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^- K^{*-}D^+\bar{D}^{*-}\gamma)$	3486	3476	1	10180
3488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^+\pi^-\pi^- K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^*\bar{K}^*D^{*+}\bar{D}^{*-}p\bar{p})$	3487	3477	1	10181
3489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^{*+}D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0K^{*+}D^-D^0)$	679	678	1	10182
3490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-})$	3489	3479	1	10183
3491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+K^-\eta_c$ $(e^+e^- \to \pi^0\rho^0\pi^+K^-D^-D_s^{*+}\eta_c)$	3490	3480	1	10184
3492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^-K^*\bar{K}^*D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-K^*\bar{K}^*D^-\bar{D}^{*-})$	680	679	1	10185
3493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{K}^*K^+D^-D^{*+})$	3492	3482	1	10186
3494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\omega K^0K^-D^+\bar{D}^{*-})$	3493	3483	1	10187
3495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}a_1^-)$	3494	3484	1	10188
3496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	3495	3485	1	10189
3497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	152	152	1	10190
3498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\Sigma^0\bar{\Xi}_c^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^{*0})$	682	681	1	10191
3499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0K^0\bar{D}^0, B^0 \to \eta K^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\eta K^0K^0\bar{D}^0\bar{D}^0D^{*0})$	3498	3488	1	10192
3500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\rho^0\rho^+\eta D^-D^{*+}a_1^-)$	3499	3489	1	10193
3501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\rho^-\omega K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\omega\omega K^0K^-\bar{D}^{*-}D^{*0})$	683	682	1	10194
3502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	3501	3491	1	10195

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0K^0J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0\bar{D}^{*-}J/\psi)$	3502	3492	1	10196
3504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D_s^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\bar{K}^0\bar{D}^{*-}D_s^+)$	3503	3493	1	10197
3505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}\Delta^0\bar{p}D_{s1}'^+)$	684	683	1	10198
3506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}n\bar{\Lambda}_c^-)$	3505	3495	1	10199
3507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \pi^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^+\pi^+K^+K^-D^-\bar{p}\Xi_c'^0)$	685	684	1	10200
3508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-D^+)$	3507	3497	1	10201
3509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^+K^-K^{*+}D^-\chi_{c1})$	153	153	1	10202
3510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^-\omega K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^+K^-D^+D_1'^-)$	3509	3499	1	10203
3511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^*K^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega\bar{K}^*K^+D^+\bar{D}^{*-})$	3510	3500	1	10204
3512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0n\bar{\Xi}_c^{*0}D_1^+)$	3511	3501	1	10205
3513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^0\bar{K}^0K^{*-}D^+D^-D_s^+)$	3512	3502	1	10206
3514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\omega D^{*0}, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-\omega\omega D^+D^{*0})$	3513	3503	1	10207
3515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^-D^{*+}, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \omega\omega K^0\bar{K}^0D^-D^{*+}\eta_c)$	3514	3504	1	10208
3516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}, B^0 \to \bar{D}^{*-}a_1^+$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	3515	3505	1	10209
3517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^+D^-)$	3516	3506	1	10210
3518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-\eta'D^{*+}\bar{D}^{*-})$	687	686	1	10211
3519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0n\bar{\Sigma}_c^0, B^0 \to \pi^0K^+D^-D^{*0}$ $(e^+e^- \to \pi^0K^0K^+D^-D^{*0}n\bar{\Sigma}_c^0)$	3518	3508	1	10212

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^+\bar{D}^{*-})$	3519	3509	1	10213
3521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	3520	3510	1	10214
3522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}D^{*0}, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \rho^-K^*K^{*+}K^{*-}D^{*+}D^{*0})$	3521	3511	1	10215
3523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^+D^-D_s^-)$	3522	3512	1	10216
3524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\Delta^+\bar{\Lambda}_c^-)$	3523	3513	1	10217
3525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^-\eta\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	3524	3514	1	10218
3526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+D^+D_1'^-)$	3525	3515	1	10219
3527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	3526	3516	1	10220
3528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+\bar{D}^{*-}, B^0 \to K^+\Sigma^{*0}\bar{\Sigma}_c^{*-}$ $(e^+e^- \to K^*K^+D^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}_c^{*-})$	3527	3517	1	10221
3529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_LJ/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0K_L\pi^+\pi^-\pi^-\bar{K}^0K^*D^+J/\psi)$	3528	3518	1	10222
3530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+\bar{D}^{*-}D^{*0})$	688	687	1	10223
3531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*J/\psi, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^*D^{*+}\bar{D}^{*-}J/\psi)$	3530	3520	1	10224
3532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0\bar{K}^*K^+K^+D^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^-\bar{K}^0\bar{K}^*K^+K^+D^+D^-\Delta^0\bar{\Delta}^+)$	3531	3521	1	10225
3533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta D^-D^{*+})$	689	688	1	10226
3534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\omega D^{*+}D_1'^-)$	3533	3523	1	10227
3535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta\omega K^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega\omega K^0\bar{D}^{*-}\bar{D}^{*-})$	3534	3524	1	10228
3536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\rho^+K^*K^-\bar{D}^{*-}D_1'^+)$	3535	3525	1	10229

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to D^+ D^- D_s^{*-} D_{s0}^{*+})$	3536	3526	1	10230
3538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Delta}^- n, \bar{B}^0 \to K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to K^- D^+ D^- \bar{D}^{*0} \bar{\Delta}^- n)$	690	689	1	10231
3539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^- K^+ K^+ K^{*-} D^{*0}$ $(e^+e^- \to \pi^- K^+ K^+ K^{*-} \bar{D}^{*-} D^{*0} a_1^+)$	3538	3528	1	10232
3540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- \bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{K}^0 \bar{D}^{*-} J/\psi)$	3539	3529	1	10233
3541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to e^- \bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e K^{*+} D^- D_2^{*+} D^0)$	154	154	1	10234
3542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^- K^+ D^{*+} \bar{D}^{*-} D^{*0})$	3541	3531	1	10235
3543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^- D_s^{*+}, \bar{B}^0 \to \pi^0\omega K^0 K^0 \bar{K}^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\omega K^0 K^0 K^0 \bar{K}^0 K^- D^{*+} D_s^- D_s^{*+})$	3542	3532	1	10236
3544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \mu^- \bar{\nu}_\mu \pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+\pi^- D^{*+} \bar{D}^{*-} D_s^+)$	3543	3533	1	10237
3545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 J/\psi$ $(e^+e^- \to \rho^0\pi^+\eta \bar{K}^0 \bar{D}^{*-} J/\psi)$	3544	3534	1	10238
3546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \bar{K}^* K^+ K^{*-} \eta'$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega\omega \bar{K}^* K^+ K^{*-} \eta' \bar{D}^{*-})$	3545	3535	1	10239
3547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- \eta D^{*0}$ $(e^+e^- \to e^+\nu_e \pi^+\pi^- \eta \bar{D}^{*-} D^{*0})$	3546	3536	1	10240
3548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^- \eta D^{*+}$ $(e^+e^- \to e^+\nu_e X_u^- \pi^- \eta D^{*+})$	3547	3537	1	10241
3549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^- K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^- \eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^- \eta K^- K^{*+} D^+ D^-)$	3548	3538	1	10242
3550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ a_1^-, \bar{B}^0 \to \pi^+\pi^- \bar{K}^* D^{*0} \bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^- \bar{K}^* D^+ D^{*0} \bar{D}^{*0} a_1^-)$	3549	3539	1	10243
3551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- \bar{K}^* J/\psi, \bar{B}^0 \to \pi^0 K^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^- \bar{K}^* K^- K^- K^{*+} D^+ J/\psi)$	3550	3540	1	10244
3552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^+\rho^- K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^- K^* K^{*-} D^+ D^-)$	3551	3541	1	10245
3553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to D^{*+} \Delta^- \bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^- D^{*+} \Delta^- \bar{\Delta}^0)$	3552	3542	1	10246

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^- D^{*+} D_1'^-)$	3553	3543	1	10247
3555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\pi^+\pi^- D^-\bar{n}p)$	3554	3544	1	10248
3556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^0 D^-, \bar{B}^0 \to \rho^+\rho^- K^0 K^- D^+$ $(e^+e^- \to \rho^+\rho^+\rho^-\eta K^0 K^0 K^- D^+ D^-)$	3555	3545	1	10249
3557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+\gamma, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^- D^- D^{*+} D_{s1}'^+\gamma)$	3556	3546	1	10250
3558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^+ K^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\omega K^+ K^- D^- D^{*+})$	3557	3547	1	10251
3559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0 K^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0 K^+\eta' D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	3558	3548	1	10252
3560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^0 D^+\eta_c)$	3559	3549	1	10253
3561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0)$	692	691	1	10254
3562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}\bar{n}\Xi_c'^0)$	3561	3551	1	10255
3563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega\omega D^- D^{*+})$	3562	3552	1	10256
3564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_{s1}'^+, B^0 \to \pi^+ K^0 D^- D^0$ $(e^+e^- \to \pi^+ K^0 D^- D^- D^0 D_{s1}'^+)$	693	692	1	10257
3565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	3564	3554	1	10258
3566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-})$	3565	3555	1	10259
3567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^-\rho^-\bar{K}^* K^+ D^+$ $(e^+e^- \to \pi^-\rho^-\bar{K}^* K^+ D^+\bar{D}^{*-} D_{s1}'^+)$	3566	3556	1	10260
3568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^-, \bar{B}^0 \to \eta\omega K^0 K^{*-} D^{*+}$ $(e^+e^- \to \eta\omega K^0 K^{*-} D^{*+} D_s^+ D_1'^-)$	3567	3557	1	10261
3569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^* D^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta K^* D^+ D^{*+})$	3568	3558	1	10262
3570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*-} D^{*0} D_s^+)$	3569	3559	1	10263

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}a_1^+)$	3570	3560	1	10264
3572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\rho^+\omega K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega K^0K^{*-}D^+D_1^-)$	3571	3561	1	10265
3573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^+\bar{D}^{*-})$	3572	3562	1	10266
3574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta' D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta' D^-D^{*+})$	3573	3563	1	10267
3575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	694	693	1	10268
3576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\omega D^{*+}\bar{D}^0)$	3575	3565	1	10269
3577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+D^{*+}p\bar{\Delta}^{++})$	3576	3566	1	10270
3578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\bar{D}^{*0}n\bar{n}\bar{\Delta}^0\Sigma_c^{*0})$	3577	3567	1	10271
3579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to K^0\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^-K^0\bar{K}^*D^{*0}\bar{D}^{*0}D_s^+)$	3578	3568	1	10272
3580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \pi^-K^0\eta' D^+D^0\bar{D}^{*0})$	3579	3569	1	10273
3581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	695	694	1	10274
3582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^{*0}D_s^-$ $(e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-}D^{*0}D_s^-)$	3581	3571	1	10275
3583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^-D^{*+})$	3582	3572	1	10276
3584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+D_{s1}'^-)$	3583	3573	1	10277
3585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+})$	3584	3574	1	10278
3586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}\bar{D}^{*0})$	3585	3575	1	10279
3587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}a_1^+)$	3586	3576	1	10280

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+K^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+K^0\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	3587	3577	1	10281
3589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\rho^+\rho^-\bar{K}^0p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D_s^+p\bar{\Delta}^{++})$	3588	3578	1	10282
3590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^+\bar{D}^{*-}p\bar{p})$	3589	3579	1	10283
3591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}\gamma$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\gamma)$	3590	3580	1	10284
3592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0D^+\Xi^-\bar{\Xi}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+D^-\Xi^-\bar{\Xi}^0)$	3591	3581	1	10285
3593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	696	695	1	10286
3594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^-\eta'\bar{\Delta}^0\Delta^+\Lambda_c^+\bar{\Sigma}_c^-)$	3593	3583	1	10287
3595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\omega\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+)$	3594	3584	1	10288
3596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+D^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*0})$	697	696	1	10289
3597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	3596	3586	1	10290
3598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\eta\omega D^{*+}\bar{D}^{*-})$	3597	3587	1	10291
3599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+D^+D^0)$	3598	3588	1	10292
3600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^-D^+\bar{D}^0D_s^{*+}\Delta^-\bar{\Delta}^0)$	3599	3589	1	10293
3601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^*K^*\bar{K}^*D^+D^+\bar{D}^{*-})$	3600	3590	1	10294
3602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^-K^-K^{*+}\eta'D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^-K^{*+}\eta'D^+D^{*+})$	3601	3591	1	10295
3603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^+D^{*0}\bar{D}^{*0})$	3602	3592	1	10296
3604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^+D_s^-)$	3603	3593	1	10297

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega K^0 D^+ \bar{D}^{*-} D^0)$	3604	3594	1	10298
3606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-} D^{*0})$	3605	3595	1	10299
3607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \bar{K}^0 D^0 \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\bar{K}^0 D^- D^0 \bar{D}^{*0})$	3606	3596	1	10300
3608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega\eta' D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta\omega\eta' D^- D^0)$	3607	3597	1	10301
3609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^0 K^- D^+$ $(e^+e^- \to \pi^0\eta K^0 K^0 K^- D^+ D^{*+}\bar{D}^{*-})$	3608	3598	1	10302
3610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \rho^0\eta\bar{K}^0 J/\psi$ $(e^+e^- \to \rho^0\rho^0\rho^+\eta\bar{K}^0 D^- J/\psi)$	3609	3599	1	10303
3611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-})$	3610	3600	1	10304
3612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\omega D^-, B^0 \to \pi^0\rho^0\bar{K}^0 K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{K}^0 K^+ D^-\bar{D}^{*-})$	3611	3601	1	10305
3613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\psi', \bar{B}^0 \to \pi^-\rho^- K^0\bar{K}^0\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^-\rho^- K^0\bar{K}^0\bar{K}^0 K^* K^+ D^{*+}\psi')$	3612	3602	1	10306
3614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}, \bar{B}^0 \to \rho^+ K^-\bar{D}^0$ $(e^+e^- \to \pi^+\rho^+ K^- D^0\bar{D}^0 D_s^{*-})$	3613	3603	1	10307
3615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \pi^0\pi^- K^+ D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+ K^+ D^- D^- D^{*+})$	698	697	1	10308
3616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^- D^{*+})$	3615	2156	1	10309
3617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+\bar{D}^{*-} D^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta K^+\bar{D}^{*-}\bar{D}^{*-} D^0)$	3616	3605	1	10310
3618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+\bar{D}^{*-} D^0, B^0 \to \pi^+\pi^+ K^0 K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+ K^0 K^+ K^-\bar{D}^{*-}\bar{D}^{*-} D^0)$	3617	3606	1	10311
3619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0\bar{K}^0 K^* K^+ D^-, \bar{B}^0 \to \phi D^+ D_s^-$ $(e^+e^- \to \rho^0\bar{K}^0\bar{K}^0 K^* K^+\phi D^+ D^- D_s^-)$	699	698	1	10312
3620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+ D^0 D_s^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^* D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^* D^0 D^0 D_s^{*-}\gamma)$	3619	3608	1	10313
3621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^0\bar{K}^* K^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\eta K^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0\bar{K}^* K^+ K^{*-})$	3620	3609	1	10314

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+D^+D^-D_s^{*-}n\bar{p})$	700	699	1	10315
3623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^0\bar{D}^{*0}, B^0 \to e^+\nu_e\pi^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-K^0D^0\bar{D}^0\bar{D}^{*0})$	701	700	1	10316
3624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-K^0\bar{K}^0D^+D^-)$	3623	3612	1	10317
3625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^+\Lambda, \bar{B}^0 \to \omega\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \omega\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}\bar{\Sigma}^+\Lambda)$	3624	3613	1	10318
3626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}D_s^-)$	3625	3614	1	10319
3627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	3626	3615	1	10320
3628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^+D^-D_{s1}'^+)$	3627	3616	1	10321
3629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^+, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega D^+D^{*+})$	3628	3617	1	10322
3630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\omega D^+\bar{D}^{*-}n\bar{p})$	3629	3618	1	10323
3631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^+K^-K^-$ $(e^+e^- \to e^+\nu_e\rho^+\eta K^+K^-K^-\bar{D}^{*-})$	3630	3619	1	10324
3632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \phi D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\phi D^+D^-D_s^-)$	3631	3620	1	10325
3633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+D^-D^{*+})$	155	155	1	10326
3634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^*D^+D^-D^{*+}\Delta^-\bar{\Delta}^0)$	3633	3622	1	10327
3635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta K^0K^+D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\eta\eta K^0K^+D^{*+}D_s^{*-})$	3634	3623	1	10328
3636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-D^-D^{*+}p\bar{p})$	3635	3624	1	10329
3637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\psi(3770)$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-\bar{D}^{*-}\psi(3770))$	3636	3625	1	10330
3638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^+\rho^-K^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta K^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	3637	3626	1	10331

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+D^-D^{*+})$	3638	3627	1	10332
3640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to \bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^-D^{*+}\bar{D}^0D^{*0})$	3639	3628	1	10333
3641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^0K^{*-}D^+D^+D^-)$	3640	3629	1	10334
3642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^-K^0D^+\bar{D}^{*-}D'^+_{s1})$	3641	3630	1	10335
3643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c(2S)$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0D^-\eta_c(2S))$	3642	3631	1	10336
3644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^0K^{*-}D^{*+}\bar{\Delta}^+\Sigma_c^{*+})$	3643	3632	1	10337
3645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\omega\bar{K}^0D^-D^{*+})$	3644	3633	1	10338
3646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^+\bar{D}^{*-})$	3645	3634	1	10339
3647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \bar{K}^0\eta_cK_1^0\psi')$	3646	3635	1	10340
3648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^+K^-D^+\bar{D}^{*-})$	3647	3636	1	10341
3649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{n}p)$	3648	3637	1	10342
3650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0K^*\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	3649	3638	1	10343
3651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-})$	703	702	1	10344
3652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\omega D^+D^{*+})$	3651	3640	1	10345
3653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^-K^0D^+\bar{D}^{*0})$	3652	3641	1	10346
3654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^-D^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+D^-D^{*+})$	3653	3642	1	10347
3655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \eta K^0K^-D^{*+}D_2^{*-}D_s^{*+})$	3654	3643	1	10348

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^+ D_1'^+)$	3655	3644	1	10349
3657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-D^{*+})$	3656	3645	1	10350
3658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{\Delta}^0 p, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-D^{*+}\bar{\Delta}^0 p)$	704	703	1	10351
3659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\rho^0\eta\bar{K}^0D^+D^-\Delta^+\bar{\Sigma}_c^-)$	3658	3647	1	10352
3660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \omega\bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma_c^{*+})$	3659	3648	1	10353
3661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	3660	3649	1	10354
3662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^{*0})$	705	704	1	10355
3663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}\bar{D}^{*-}p\bar{p})$	3662	3651	1	10356
3664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\eta'D^+$ $(e^+e^- \to \pi^-\pi^-\eta K^0\eta'D^+D^+\bar{D}^{*0})$	3663	3652	1	10357
3665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^{*0}D_s^{*-}a_1^+)$	3664	3653	1	10358
3666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^0)$	3665	3654	1	10359
3667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \eta\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^-\eta\eta\bar{K}^0D^+D^+D^-)$	3666	3655	1	10360
3668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}\gamma$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}\gamma)$	156	156	1	10361
3669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+n\bar{n}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+K^+\bar{D}^{*-}D^{*0}n\bar{n}\Delta^0\bar{\Delta}^+)$	3668	3657	1	10362
3670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta'D^-, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0\eta'D^-D_s^+D_s^-)$	3669	3658	1	10363
3671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-K^{*-}D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0\bar{K}^*K^{*-}D^{*+}D_s^+)$	3670	3659	1	10364
3672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^+\bar{D}^{*-}n\bar{n})$	3671	3660	1	10365

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	3672	3661	1	10366
3674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^0K^-D^{*+}D^{*+}\bar{D}^0\bar{D}^{*0})$	3673	3662	1	10367
3675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^0K^-D^{*+}\bar{D}^{*-})$	3674	3663	1	10368
3676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \rho^0\pi^+\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\eta D^-D_1'^-)$	3675	3664	1	10369
3677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0K^-\bar{D}^{*-}D^{*0})$	3676	3665	1	10370
3678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0D^-\psi')$	3677	3666	1	10371
3679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-\rho^+\omega K^+K^-D^+\bar{D}^{*-})$	3678	3667	1	10372
3680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega D^-\bar{D}^{*-})$	157	157	1	10373
3681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-\omega D^+D^{*+})$	3680	3669	1	10374
3682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^-D^{*+}D_1^+)$	3681	3670	1	10375
3683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\bar{D}^{*-}\Delta^0\bar{\Lambda}_c^-)$	3682	3671	1	10376
3684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}D^{*+}\Lambda\bar{\Sigma}_c^-)$	3683	3672	1	10377
3685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^-\rho^-\bar{D}^{*0}D_s^{*+}D_1'^+)$	3684	3673	1	10378
3686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to \rho^-\omega K^0D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega\omega K^0D^-D^{*+})$	3685	3674	1	10379
3687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^0\bar{K}^0K^-$ $(e^+e^- \to e^+\nu_e\pi^+K^0\bar{K}^0K^-\bar{D}^{*-})$	3686	3675	1	10380
3688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+D^-)$	3687	3676	1	10381
3689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\eta D^-D^-)$	3688	3677	1	10382

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega D^+\bar{D}^{*-})$	3689	3678	1	10383
3691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-n\bar{n})$	3690	3679	1	10384
3692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*J/\psi, \bar{B}^0 \to K^0D^0$ $(e^+e^- \to \rho^0K^0K^*D^0J/\psi)$	3691	3680	1	10385
3693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta D^+D_1^-)$	3692	3681	1	10386
3694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^+\omega D^-)$	3693	3682	1	10387
3695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	3694	3683	1	10388
3696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	3695	3684	1	10389
3697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	3696	3685	1	10390
3698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\bar{D}^{*-}D_1'^+)$	3697	3686	1	10391
3699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^0\bar{p}\Delta^+)$	3698	3687	1	10392
3700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-)$	3699	3688	1	10393
3701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \pi^+K^{*-}D^+D^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^{*-}D^+D^-D_1'^+)$	3700	3689	1	10394
3702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \phi D^+D_s^{*-}$ $(e^+e^- \to \phi D^+D^-D_s^{*+}D_s^{*-})$	708	707	1	10395
3703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\eta D^0D_s^-, \bar{B}^0 \to \pi^+\pi^+\rho^-\eta K^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\eta\eta K^{*-}D^0D^{*0}D_s^-)$	3702	3691	1	10396
3704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \omega K^*K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\omega K^*K^-D^{*+}D_1'^-)$	3703	3692	1	10397
3705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-}\gamma)$	39	39	1	10398
3706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^0\bar{D}^{*0}D_s^-)$	3705	3694	1	10399

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c2}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c2})$	3706	3695	1	10400
3708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*0}\bar{D}^{*0}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \pi^-K_2^{*0}K^{*+}D^{*0}\bar{D}^{*0}J/\psi)$	3707	3696	1	10401
3709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^{*-}D^+\bar{D}^{*0}\bar{D}^{*0})$	710	709	1	10402
3710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\bar{K}^0K^-K^{*+}D^+D^-)$	3709	3698	1	10403
3711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^+K^+K^-D^+\bar{D}^{*-}D^{*0})$	3710	3699	1	10404
3712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^-D^{*+})$	3711	3700	1	10405
3713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^*J/\psi$ $(e^+e^- \to \pi^+\pi^+\pi^-K^*D^-J/\psi)$	711	710	1	10406
3714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta D^-D^{*+})$	3713	3702	1	10407
3715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-})$	712	711	1	10408
3716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^0\bar{n}\Lambda$ $(e^+e^- \to D^-D^0D_s^+\bar{n}\Lambda)$	3715	3704	1	10409
3717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-}D^{*0})$	3716	3705	1	10410
3718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^{*+}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\omega\omega D^-D^{*+}D_s^{*+})$	713	712	1	10411
3719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-D_2^{*+}D_s^-)$	3718	3707	1	10412
3720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_s^-D_1'^+)$	3719	3708	1	10413
3721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to K^0D^{*0}$ $(e^+e^- \to \rho^+K^0D^-D^{*0})$	3720	3709	1	10414
3722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^*D^+D^-)$	3721	3710	1	10415
3723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \omega K^{*-}D_s^+$ $(e^+e^- \to \pi^+\omega\omega K^{*-}D^-D_s^+)$	3722	3711	1	10416

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^- \bar{n}\Lambda, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 K^+ D^+ D^- \bar{n}\Lambda)$	3723	3712	1	10417
3725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-} D_s^+)$	3724	3713	1	10418
3726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^- \bar{\nu}_\mu \pi^0\pi^0 D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^0\pi^0 D^{*+}D^{*+})$	40	40	1	10419
3727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_2^{*-} D_s^{*+}, B^0 \to D_s^{*+} D_1'^-$ $(e^+e^- \to D_2^{*-} D_s^{*+} D_s^{*+} D_1'^-)$	3726	3715	1	10420
3728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0 K^{*+}\eta' D^+\bar{D}^{*-})$	3727	3716	1	10421
3729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-}\gamma)$	3728	3717	1	10422
3730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega\bar{D}^{*-} D_2^{*-})$	3729	3718	1	10423
3731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0 K^0 K^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0 K^0 K^- D^+ D^-)$	3730	3719	1	10424
3732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- D^+ D^+\bar{D}^{*0})$	3731	3720	1	10425
3733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^* D^- D^{*+}\bar{D}^{*-})$	3732	3721	1	10426
3734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- D^- D^{*+}\bar{n}p)$	3733	3722	1	10427
3735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \rho^0\Delta^+\bar{\Xi}_c^-$ $(e^+e^- \to \rho^0\rho^+ D^-\Delta^+\bar{\Xi}_c^-)$	3734	3723	1	10428
3736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^-\bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^- K^- D^{*+}\bar{D}^{*-} D_s^{*+})$	3735	3724	1	10429
3737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \eta D^+ D_s^-$ $(e^+e^- \to \rho^0\rho^+\eta K^0\bar{K}^* D^+\bar{D}^{*-} D_s^-)$	3736	3725	1	10430
3738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^* K^-\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- K^* K^-\eta' D^+\bar{D}^{*-})$	3737	3726	1	10431
3739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^- K^* K^{*-} D^+\bar{D}^{*-})$	3738	3727	1	10432
3740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^+)$	715	714	1	10433

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}a_1^+\gamma)$	3740	3729	1	10434
3742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^*D^+D^{*+}\bar{D}^{*-})$	3741	3730	1	10435
3743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^-\bar{\Delta}^0\Sigma_c^0)$	3742	3731	1	10436
3744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-})$	716	715	1	10437
3745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\bar{\Sigma}^+\Xi_c^0$ $(e^+e^- \to \pi^-\eta K^*D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Xi_c^0)$	3744	3733	1	10438
3746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^+\eta K^-D^-D^{*+}\bar{D}^0)$	3745	3734	1	10439
3747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}a_1^+)$	3746	3735	1	10440
3748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^0\chi_{c1}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0\bar{D}^{*-}\chi_{c1})$	3747	3736	1	10441
3749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+D^+D^-D_s^{*-})$	3748	3737	1	10442
3750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-\bar{n}\Lambda, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-K^0D^-D^{*+}\bar{n}\Lambda)$	717	716	1	10443
3751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^0K^+K^-D^+D^{*+}\bar{D}^{*-})$	3750	3739	1	10444
3752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	3751	3740	1	10445
3753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^+D^-D^{*+})$	160	160	1	10446
3754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	3753	3742	1	10447
3755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-\omega D^+D^+)$	3754	3743	1	10448
3756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+D^-, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-D^-D^-)$	3755	3744	1	10449
3757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D^0p\bar{\Delta}^+)$	3756	3745	1	10450

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_0^{*-}, B^0 \to \pi^+ n\bar{\Xi}_c'^-$ $(e^+e^- \to e^+\nu_e\pi^+ n\bar{\Xi}_c'^- D_0^{*-})$	3757	3746	1	10451
3759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0K^*K^+K^-\bar{D}^{*-}D^{*0})$	3758	3747	1	10452
3760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	3759	3748	1	10453
3761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^+D_s^+D_1^-)$	3760	3749	1	10454
3762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^-D^{*+}\bar{\Lambda}\Lambda_c^+)$	3761	3750	1	10455
3763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^+D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^-K^+D^+D^-\bar{\Delta}^0\Sigma_c^0)$	3762	3751	1	10456
3764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to K^*\bar{\Delta}^+\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0K^*D^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c'^+)$	3763	3752	1	10457
3765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta' D^-D^{*+})$	719	718	1	10458
3766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	3765	3754	1	10459
3767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}D^0p\bar{\Delta}^+)$	3766	3755	1	10460
3768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0})$	3767	3756	1	10461
3769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^{*+}D_s^-)$	161	161	1	10462
3770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^-D^{*+})$	3769	3758	1	10463
3771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \rho^0D^+\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \rho^0D^+J/\psi\Sigma^-\bar{\Lambda}K_1^0)$	3770	3759	1	10464
3772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+D^-)$	3771	3760	1	10465
3773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0D^-D^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+K^0D^-D^{*+}D^0D_{s1}'^-)$	3772	3761	1	10466
3774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^*K^-D^+\bar{D}^{*0})$	3773	3762	1	10467

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^0 D^+ D^- \bar{D}^{*-})$	721	720	1	10468
3776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\omega\bar{K}^0 K^+ D^0$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\omega\bar{K}^0\bar{K}^0 K^+ K^+ \bar{D}^{*-} D^0)$	3775	3764	1	10469
3777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^-\rho^- D^+ \bar{D}^0 D_s^{*+})$	3776	3765	1	10470
3778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^- K^0\bar{K}^0 D^+ \bar{D}^{*-}\gamma)$	3777	3766	1	10471
3779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ J/\psi, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \rho^- K^+ D^+ D_s^{*-} J/\psi)$	11	11	1	10472
3780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\rho^-\omega D^+ D_2^{*+})$	3779	3768	1	10473
3781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+ D_0^{*-})$	3780	3769	1	10474
3782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to D_2^{*+} D_s^-\gamma$ $(e^+e^- \to \bar{D}^{*-} D_2^{*+} D_s^- a_1^+\gamma)$	723	722	1	10475
3783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\eta K^{*-} D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\eta\eta K^{*-} D^- D^0)$	3782	3771	1	10476
3784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+\bar{D}^{*-} D^0, B^0 \to \pi^0\pi^0\rho^0\pi^+ D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^+ D^- \bar{D}^{*-} D^0)$	724	723	1	10477
3785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0 D^+ p\bar{\Sigma}_c^-)$	3784	3773	1	10478
3786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+ K^{*-}\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\eta K^+ K^{*-} D^+ \bar{D}^{*-} D_s^{*-})$	725	724	1	10479
3787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^+\pi^-\omega K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega K^{*+}\bar{D}^{*-} D_2^{*-})$	3786	3775	1	10480
3788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^{*+}\eta_c, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\omega K^- K^{*+}\eta_c\bar{\Delta}^+\Sigma_c^{++})$	3787	3776	1	10481
3789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*-} D_s^+)$	3788	3777	1	10482
3790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0 D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+ D^-)$	3789	3778	1	10483
3791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^0\bar{K}^* D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0\bar{K}^*\bar{D}^{*-} D^0 D^{*0})$	3790	3779	1	10484

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-)$	3791	3780	1	10485
3793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega\omega\omega D^+\bar{D}^{*-})$	726	725	1	10486
3794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^+K^*\bar{K}^*\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	3793	3782	1	10487
3795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^0\bar{K}^0D^+\bar{D}^{*-}\bar{p}\Delta^+)$	727	726	1	10488
3796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0K^-\bar{D}^{*0}D_s^+, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^-\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	3795	3784	1	10489
3797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-\gamma, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^-D^-D^{*+}\bar{D}^{*0}\gamma)$	728	727	1	10490
3798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	3797	3786	1	10491
3799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta\bar{K}^0K^+K^-D^-D_s^+)$	3798	3787	1	10492
3800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	3799	3788	1	10493
3801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_{s1}'^+)$	3800	3789	1	10494
3802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}D^{*+}n\bar{p})$	3801	3790	1	10495
3803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\omega K^{*+}D^-D^{*+}D^0)$	3802	3791	1	10496
3804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0D^+D^-\bar{D}^{*-})$	3803	3792	1	10497
3805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}^+, B^0 \to D^-a_1^+\gamma$ $(e^+e^- \to D^-D^-D_{s1}^+a_1^+\gamma)$	729	728	1	10498
3806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+K^0K^0K^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^0K^0K^-K^{*-}D^-D^{*+})$	3805	3794	1	10499
3807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\eta K^+D^-D^0D^0)$	3806	3795	1	10500
3808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \eta\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^0\eta\bar{K}^*D^-D_s^{*+}J/\psi)$	3807	3796	1	10501

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^0K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	3808	3797	1	10502
3810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-K^0\bar{K}^0D^+D^-)$	3809	3798	1	10503
3811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+D^-D^{*0})$	3810	3799	1	10504
3812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n)$	3811	3800	1	10505
3813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to K^*D^{*0}\bar{D}^{*0}J/\psi\bar{K}_1^0)$	3812	3801	1	10506
3814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\eta D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\pi^0\eta D^-D^{*+}n\bar{\Delta}^+)$	3813	3802	1	10507
3815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K_0^0, \bar{B}^0 \to \omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega K^0K^{*-}D^{*+}K_0^0)$	3814	3803	1	10508
3816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^0a_1^-\gamma)$	3815	3804	1	10509
3817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^+\bar{D}^{*-}a_1^+)$	3816	3805	1	10510
3818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D^{*0})$	3817	3806	1	10511
3819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \omega\bar{n}\Xi_c^{\prime 0}$ $(e^+e^- \to \pi^-\omega\bar{n}p\bar{\Sigma}_c^{*0}\Xi_c^{\prime 0})$	3818	3807	1	10512
3820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Sigma^0\bar{\Xi}_c^0, \bar{B}^0 \to D^+D_{s1}^{\prime -}$ $(e^+e^- \to \pi^0D^+\Sigma^0\bar{\Xi}_c^0D_{s1}^{\prime -})$	163	163	1	10513
3821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\bar{p}\Xi_c^{\prime 0}$ $(e^+e^- \to \pi^+\pi^-\bar{D}^0D_s^{*+}\bar{p}\Xi_c^{\prime 0})$	3820	3809	1	10514
3822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^+D^-)$	3821	3810	1	10515
3823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	3822	3811	1	10516
3824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to K_S\bar{D}^{*-}D_s^{*+}J/\psi)$	3823	3812	1	10517
3825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{p}\Sigma_c^0)$	3824	3813	1	10518

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	3825	3814	1	10519
3827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^{*+}\eta_c, \bar{B}^0 \to \pi^0\omega\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0K^{*+}D^+D^-\eta_c)$	731	730	1	10520
3828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0\eta' J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\eta'D^-J/\psi)$	3827	3816	1	10521
3829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}\gamma$ $(e^+e^- \to \rho^0\rho^-\eta D^{*+}D^{*+}D'^-_{s1}\gamma)$	732	731	1	10522
3830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^*\bar{K}^*D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-K^*\bar{K}^*D^+D^-)$	3829	3818	1	10523
3831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Sigma}^-_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X^+_u$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X^+_u K^*\Delta^+\bar{\Sigma}^-_c)$	3830	3819	1	10524
3832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to D^+a^-_1$ $(e^+e^- \to K^*D^+D^+\bar{D}^{*-}a^-_1)$	3831	3820	1	10525
3833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^*D^-, \bar{B}^0 \to D^{*+}D^{*-}_s$ $(e^+e^- \to \pi^+\omega K^*D^-D^{*+}D^{*-}_s)$	3832	3821	1	10526
3834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to D^+\Lambda\bar{\Lambda}^-_c$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}\Lambda\bar{\Lambda}^-_c)$	3833	3822	1	10527
3835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta K^+D^{*+})$	3834	3823	1	10528
3836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^-)$	3835	3824	1	10529
3837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^-D^{*+}D'^-_{s1})$	3836	3825	1	10530
3838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D^+_s, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^0\bar{D}^0D^+_s)$	733	732	1	10531
3839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^+\rho^-\bar{K}^0K^+D^-$ $(e^+e^- \to e^+\nu_e\rho^+\rho^-\bar{K}^0K^+D^-D^-)$	3838	3827	1	10532
3840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\bar{K}^0\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-D^{*+}\gamma\gamma$ $(e^+e^- \to \rho^-\eta K^0\bar{K}^0\bar{K}^0K^+D^-D^{*+}\gamma\gamma)$	3839	3828	1	10533
3841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+D^-)$	734	733	1	10534
3842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta\bar{K}^0K^+D^+D^-)$	3841	3830	1	10535

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\eta\bar{D}^{*-}\bar{\Delta}^-\Delta^0\bar{p}\Lambda_c^+)$	3842	3831	1	10536
3844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^-K^{*+}\eta_c$ $(e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}\eta_c a_1^+)$	735	734	1	10537
3845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	3844	3833	1	10538
3846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta D^-D^{*+}D_s^{*-})$	3845	3834	1	10539
3847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+D^-\bar{n}p)$	3846	3835	1	10540
3848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^*K^+D^-D^{*+})$	3847	3836	1	10541
3849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-K^0\bar{D}^0, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\eta K^0D^{*+}\bar{D}^0)$	3848	3837	1	10542
3850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma^+)$	3849	3838	1	10543
3851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1^-, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\nu_\mu D_s^+D_1^-D_1^-)$	3850	3839	1	10544
3852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D_s^{*+}\bar{n}\Sigma^-$ $(e^+e^- \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma^-)$	3851	3840	1	10545
3853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta\omega\omega D^{*+}\bar{D}^{*0})$	164	164	1	10546
3854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^+D^+D^-\bar{D}^{*-})$	737	736	1	10547
3855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \rho^0K^+K^-\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+K^+K^-\bar{D}^{*-}\bar{D}^0)$	3854	3842	1	10548
3856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^{*+}D^+\bar{D}^{*-}D_s^{*-})$	738	737	1	10549
3857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0K^-D^{*+}\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^{*+}\Sigma^0\bar{\Sigma}^0D_0^{*-})$	3856	3844	1	10550
3858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	3857	3845	1	10551
3859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}\bar{D}^0D^{*0})$	3858	3846	1	10552

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	3859	3847	1	10553
3861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^-D^{*+}D^{*+})$	3860	3848	1	10554
3862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\omega\omega D^+\bar{D}^0\bar{\Sigma}^0\Sigma^+)$	3861	3849	1	10555
3863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0D^+D^{*+}\bar{D}^{*-}D_s^-)$	3862	3850	1	10556
3864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\Sigma^-\bar{\Xi}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^{*+}\Sigma^-\bar{\Xi}_c^0)$	3863	3851	1	10557
3865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0K^0K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0K^0K^{*-}D^{*+}\bar{D}^{*0})$	3864	3852	1	10558
3866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^+K^*K^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta K^*K^-D^-D^{*0})$	3865	3853	1	10559
3867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\eta\bar{K}^*D^+D^{*0})$	3866	3854	1	10560
3868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\eta K^+K^-D^{*+}\bar{D}^{*-})$	739	738	1	10561
3869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^*\eta_c, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\omega\bar{K}^0K^*D^+\bar{D}^{*-}\eta_c)$	3868	3856	1	10562
3870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^+D^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-K^+D^+D^{*+}\bar{D}^{*0})$	3869	3857	1	10563
3871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{K}^0D^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0\bar{K}^0D^-\bar{D}^{*-}D_s^{*+})$	3870	3858	1	10564
3872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \bar{D}^{*0}n\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*0}n\bar{\Sigma}^0D_1'^-)$	3871	3859	1	10565
3873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^*K^+K^+K^{*-}K^{*-}, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^*K^+K^+K^{*-}K^{*-}J/\psi)$	3872	3860	1	10566
3874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^-\omega\bar{n}\bar{\Delta}^+\Sigma_c^+\Sigma_c^+)$	3873	3861	1	10567
3875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta\omega K^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta\omega\omega\omega K^+D^+D_s^{*-})$	3874	3862	1	10568
3876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	165	165	1	10569

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-}\bar{\Delta}^-n)$	3876	3864	1	10570
3878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\omega D^+\bar{D}^{*-}D_s^{*+})$	3877	3865	1	10571
3879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+D^-D_{s0}^{*+})$	3878	3866	1	10572
3880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^+\rho^-\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+\rho^-\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++})$	3879	3867	1	10573
3881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-}\gamma)$	3880	3868	1	10574
3882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+D_s^{*+}\bar{\Delta}^+\Sigma^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\eta D^-D_s^{*+}\bar{\Delta}^+\Sigma^{*-})$	3881	3869	1	10575
3883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	741	740	1	10576
3884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}p\bar{\Sigma}_c^0)$	166	166	1	10577
3885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_eD^-D^0\Delta^+\bar{\Delta}^+)$	3884	3872	1	10578
3886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^-D^{*+}D^0)$	3885	3873	1	10579
3887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^0K^-D^{*+}D_1^-)$	743	742	1	10580
3888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	744	743	1	10581
3889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega D^-D^{*+}a_1^-)$	3888	3876	1	10582
3890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+K^-D^+\bar{D}^{*-})$	3889	3877	1	10583
3891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^0\bar{\Delta}^+\Sigma_c^{++})$	3890	3878	1	10584
3892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	745	744	1	10585
3893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}n\bar{p})$	746	745	1	10586

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^{*-}J/\psi, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0K^{*-}D^{*0}\bar{D}^{*0}J/\psi)$	167	167	1	10587
3895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\rho^0\rho^-D^{*+}\bar{D}^{*-})$	3894	3882	1	10588
3896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^+\pi^+\rho^-\rho^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-K^*K^-D^{*+}\bar{D}^{*-}D'^+_{s1})$	748	747	1	10589
3897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^+D^{*+}n\bar{n})$	3896	3884	1	10590
3898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD'^+_1$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D'^+_1)$	3897	3885	1	10591
3899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma^0_c$ $(e^+e^- \to \pi^0\pi^+\eta\bar{D}^{*-}n\bar{n}\bar{\Delta}^0\Sigma^0_c)$	3898	3886	1	10592
3900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-})$	3899	3887	1	10593
3901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}_s, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^0D^{*+}_s$ $(e^+e^- \to \bar{K}^0K^-D^-\bar{D}^0D^{*+}_sD^{*+}_s)$	3900	3888	1	10594
3902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\rho^0\rho^+K^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^+K^0D^-\bar{D}^{*-})$	3901	3889	1	10595
3903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^+K^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^+K^-\eta'D^{*+}\bar{D}^{*-})$	3902	3890	1	10596
3904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}'^-_c, \bar{B}^0 \to \pi^+\pi^+\rho^-\rho^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-K^0K^{*-}D^+n\bar{\Xi}'^-_c)$	3903	3891	1	10597
3905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D^{*+}_s\bar{p}\Lambda$ $(e^+e^- \to K^0D^-D^{*+}D^{*+}_s\bar{p}\Lambda)$	3904	3892	1	10598
3906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Xi}'^0_c, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+n\bar{\Xi}'^0_c)$	3905	3893	1	10599
3907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+K^0K^{*-}\bar{D}^0D^{*0}\eta_c)$	3906	3894	1	10600
3908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega K^0D^+D^0\bar{D}^{*0})$	749	748	1	10601
3909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^*K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^*K^{*+}D^{*+}\bar{D}^0n\bar{n})$	750	749	1	10602
3910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^{*+}_s, \bar{B}^0 \to \pi^-\rho^+D^0$ $(e^+e^- \to \pi^-\rho^+\bar{D}^{*-}D^0D^{*+}_s)$	3909	3897	1	10603

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^+D^+\bar{D}^{*-}\bar{p}\Sigma_c^+)$	3910	3898	1	10604
3912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^{*+}D^{*+}D^0\bar{D}^{*0})$	168	168	1	10605
3913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega D^-D_2^{*+})$	752	751	1	10606
3914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^-D^{*+})$	3913	3901	1	10607
3915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	3914	3902	1	10608
3916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta' D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta\eta' D^-D^{*+})$	3915	3903	1	10609
3917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0D^+n\bar{p}D_0^{*-})$	753	752	1	10610
3918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\bar{K}^0K^*K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^-\omega\bar{K}^0K^*K^+D^{*+}\bar{D}^0)$	3917	3905	1	10611
3919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1^-, B^0 \to \pi^-K^+K^-\bar{D}^0D_s^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-\bar{D}^0D_s^+D_1^-)$	3918	3906	1	10612
3920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*K^+K^-D^-D^-D^{*+})$	3919	3907	1	10613
3921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-})$	3920	3908	1	10614
3922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0D^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^0D^+D^-D^{*+})$	3921	3909	1	10615
3923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	3922	3910	1	10616
3924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-D^{*+}\bar{D}^0)$	3923	3911	1	10617
3925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{D}^{*-}\bar{n}pD_1^+)$	3924	3912	1	10618
3926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-})$	3925	3913	1	10619
3927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\eta D^{*+}\bar{D}^{*0})$	754	753	1	10620

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-})$	3927	3915	1	10621
3929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega\bar{D}^0 D^{*0} D_s^{*+})$	3928	3916	1	10622
3930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \rho^0\bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0 D^- D_s^{*+} J/\psi)$	3929	3917	1	10623
3931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+ D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- K^+ D^+ D^{*+}\bar{D}^{*-})$	3930	3918	1	10624
3932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^0\bar{D}^{*0}, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}$ $(e^+e^- \to \pi^0\pi^- K^* D^0\bar{D}^0\bar{D}^{*0} D_s^{*+})$	3931	3919	1	10625
3933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\omega K^0\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^0 D_2^{*+}\bar{D}^{*0} D_s^{*-})$	3932	3920	1	10626
3934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^- D^{*+} D_s^{*-}\bar{n}\Sigma_c^+)$	3933	3921	1	10627
3935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0 D^- D^{*+}\bar{D}^{*-} D_s^{*+})$	3934	3922	1	10628
3936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^+ D^-, B^0 \to D^-\bar{\Delta}^0 p$ $(e^+e^- \to K^0 D^+ D^- D^-\bar{\Delta}^0 p)$	3935	3923	1	10629
3937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0 a_1^-)$	3936	3924	1	10630
3938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^0 K^{*+}\phi D_s^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^0 K^{*+}\phi D^{*+} D_s^-)$	3937	3925	1	10631
3939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-} D^0)$	3938	3926	1	10632
3940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- D^{*+}\bar{D}^0 n\bar{\Delta}^0)$	755	754	1	10633
3941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \eta K^{*-} D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\eta K^{*-} D^+\bar{D}^{*-}\bar{D}^0)$	3940	3928	1	10634
3942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^- D^{*+})$	3941	3929	1	10635
3943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{D}^0, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \omega\omega\omega\bar{K}^0\bar{D}^0\eta_c)$	3942	3930	1	10636
3944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^* K^+ D^+ D^-)$	3943	3931	1	10637

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	3944	3932	1	10638
3946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^-D^+D^-\bar{D}^{*0})$	3945	3933	1	10639
3947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\psi', \bar{B}^0 \to \rho^+\bar{K}^*D^-$ $(e^+e^- \to \rho^+K_S\bar{K}^*D^-\psi')$	3946	3934	1	10640
3948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-\gamma, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau D^{*0}n\bar{n}D_1^-\gamma)$	3947	3935	1	10641
3949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-K^0D^{*+}J/\psi D_{s1}'^-)$	3948	3936	1	10642
3950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}D_s^{*-})$	3949	3937	1	10643
3951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^-D^+D^+)$	3950	3938	1	10644
3952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\Delta^0\bar{\Sigma}_c^0)$	3951	3939	1	10645
3953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}D^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+K^{*+}D^+D^-\bar{D}^{*-})$	3952	3940	1	10646
3954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-D^+D^+)$	3953	3941	1	10647
3955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-D^-D_2^{*+}D_s^{*-})$	3954	3942	1	10648
3956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-K^+K^-D^+D^-)$	3955	3943	1	10649
3957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \eta K^0\bar{K}^0K^*K^-D^+$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^0K^*K^+K^-D^+\eta_c)$	3956	3944	1	10650
3958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-})$	3957	3945	1	10651
3959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+K^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+K^+D^-D_s^{*-})$	169	169	1	10652
3960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D_s^-D_s^{*+})$	757	756	1	10653
3961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\eta D^+D^-)$	3960	3948	1	10654

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega\omega\omega D^{*+}\bar{D}^{*-})$	3961	3949	1	10655
3963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^+D^+\bar{D}^{*-}D^{*0})$	3962	3950	1	10656
3964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\chi_{c1}$ $(e^+e^- \to K^0\bar{K}^*D^{*+}\bar{D}^{*-}\chi_{c1})$	3963	3951	1	10657
3965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^-D^+)$	3964	3952	1	10658
3966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+, \bar{B}^0 \to \rho^+D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\rho^+D^{*+}n\bar{p}\bar{\Delta}^{++}\Sigma_c^+)$	3965	3953	1	10659
3967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^*$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\bar{K}^*\bar{D}^{*-})$	3966	3954	1	10660
3968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \rho^-\bar{K}^0D^0\bar{D}^0\bar{n}\Sigma_c^+)$	3967	3955	1	10661
3969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0K^*D^+D^-D_s^{*-})$	3968	3956	1	10662
3970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	3969	3957	1	10663
3971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta K^0\bar{K}^0K^*, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta K^0\bar{K}^0K^*\bar{\Delta}^+\Sigma_c^{++})$	758	757	1	10664
3972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\omega K^+D^{*+}\bar{D}^{*-}D^0)$	3971	3959	1	10665
3973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-D^-\bar{D}^0D_s^{*+}D_s^{*+})$	759	758	1	10666
3974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}a_1^-)$	760	759	1	10667
3975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}D_{s0}^{*-})$	3974	3962	1	10668
3976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+D^-\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+D^-\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	3975	3963	1	10669
3977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^+D^-D_s^{*-}p\bar{p})$	3976	3964	1	10670
3978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+K^0K^-D^-D^{*+})$	761	760	1	10671

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^- D^{*+})$	3978	3966	1	10672
3980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^0)$	3979	3967	1	10673
3981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-K^-D^+D^{*+}\bar{D}^{*0})$	3980	3968	1	10674
3982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-D^+D^-p\bar{p})$	3981	3969	1	10675
3983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^+K^-K^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^+K^-K^{*+}D^0)$	762	761	1	10676
3984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^+D^0)$	3983	3971	1	10677
3985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega K^+D^+\bar{D}^0D^{*0})$	3984	3972	1	10678
3986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^0D^-\Delta^0\bar{\Sigma}^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^-\bar{D}^0\Delta^0\bar{\Sigma}^+)$	170	170	1	10679
3987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\eta\omega K^-J/\psi$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^-\bar{D}^{*-}D_s^{*+}J/\psi)$	3986	3974	1	10680
3988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^+D^-D^{*+})$	3987	3975	1	10681
3989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	3988	3976	1	10682
3990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*-})$	3989	3977	1	10683
3991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0K^0\bar{K}^0D^+\bar{D}^{*-}D^{*0}n\bar{n})$	764	763	1	10684
3992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^+D_s^{*-}D_1^-)$	3991	3979	1	10685
3993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^*K^+D^-\bar{D}^{*-})$	3992	3980	1	10686
3994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma)$	3993	3981	1	10687
3995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	3994	3982	1	10688

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
3996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\rho^-K^-K^-D^+D^0\bar{D}^0\bar{D}^{*0})$	3995	3983	1	10689
3997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^-D^{*+}, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^-K^*K^+K^-K^-D^{*+}D^{*+})$	3996	3984	1	10690
3998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^-D^{*+})$	3997	3985	1	10691
3999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^+\bar{D}^{*-})$	3998	3986	1	10692
4000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	3999	3987	1	10693
4001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta\eta' D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\eta' D^0D^{*0})$	4000	3988	1	10694
4002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^+\bar{D}^{*-})$	4001	3989	1	10695
4003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}pa_1^+)$	4002	3990	1	10696
4004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+D^-D^{*+}a_1^-)$	4003	3991	1	10697
4005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^*D^{*+}D^{*+}\bar{D}^{*-})$	4004	3992	1	10698
4006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \rho^-\eta\omega K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^+K^-D^+D^-D_s^+)$	4005	3993	1	10699
4007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\eta_c(2S), \bar{B}^0 \to \pi^0\pi^+\pi^-D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+\Sigma^-\bar{\Sigma}^0\eta_c(2S))$	42	42	1	10700
4008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0D^-p\bar{\Sigma}^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*D^-p\bar{\Sigma}^+)$	4007	3995	1	10701
4009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}\bar{n}\Lambda)$	4008	3996	1	10702
4010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^0)$	4009	3997	1	10703
4011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0n\bar{n})$	4010	3998	1	10704
4012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^-K^*D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	4011	3999	1	10705

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\omega K^+K^-\phi D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^+K^-\phi D^+D^-)$	4012	4000	1	10706
4014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^0 n\bar{p}, \bar{B}^0 \to \omega\omega K^*K^-D^+$ $(e^+e^- \to \rho^+\eta\omega\omega K^*K^-D^+\bar{D}^0 n\bar{p})$	766	765	1	10707
4015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^*D^-D^{*+}\bar{D}^{*-}D^0)$	767	766	1	10708
4016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+\rho^-D^-D^{*+})$	4015	4003	1	10709
4017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-})$	4016	4004	1	10710
4018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\eta K^{*-}D^+D^-\bar{D}^0)$	4017	4005	1	10711
4019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^0\pi^+\pi^+K^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D'^+_{s1})$	172	172	1	10712
4020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^0\phi J/\psi$ $(e^+e^- \to \bar{K}^0K^+\phi D^-D^{*0}J/\psi)$	4019	4007	1	10713
4021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*0}n\bar{n})$	4020	4008	1	10714
4022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	769	768	1	10715
4023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta D^+D^{*+})$	4022	4010	1	10716
4024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \rho^0\pi^-\omega\eta' D^+$ $(e^+e^- \to \rho^0\pi^-\omega K^0\eta' D^+J/\psi)$	4023	4011	1	10717
4025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega\bar{K}^0K^{*+}D^+D^-)$	4024	4012	1	10718
4026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^-D^{*+}\bar{D}^{*0}D_s^{*+})$	770	769	1	10719
4027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0D^{*+}D_s^{*-}\Sigma^+\bar{\Sigma}^-)$	4026	4014	1	10720
4028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^{*+}D_1^-)$	4027	4015	1	10721
4029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^-K^{*+}\bar{D}^{*-}D^{*0})$	4028	4016	1	10722

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \rho^0 K^{*-} D^{*+}$ $(e^+e^- \to \rho^0 K^{*-} D^+ D^{*+} D_{s1}'^-)$	771	770	1	10723
4031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^- \bar{K}^0 K^* \eta' D^+$ $(e^+e^- \to e^-\bar{\nu}_e \rho^- \bar{K}^0 K^* \eta' D^+ D^{*+})$	4030	4018	1	10724
4032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\omega D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^+\omega D^{*0} \bar{D}^{*0} D_s^{*-} \bar{n}\Delta^0)$	772	771	1	10725
4033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^- D^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0 D^- D^{*+} D^{*+})$	4032	4020	1	10726
4034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta K^+ K^- D^+ \bar{D}^{*-})$	4033	4021	1	10727
4035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^+ D^-)$	4034	4022	1	10728
4036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^- \bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0\rho^+\rho^- D^{*+} \bar{D}^{*0})$	4035	4023	1	10729
4037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+\rho^+ K^0 K^- D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^+ K^0 K^- D_s^- \Delta^0 \bar{\Sigma}_c^{*-})$	4036	4024	1	10730
4038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ K^0 \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0 D^+ \bar{D}^{*-})$	773	772	1	10731
4039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\rho^+\eta D^{*+} \bar{D}^{*-})$	4038	4026	1	10732
4040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- \bar{D}^0, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta D^+ \bar{D}^0)$	4039	4027	1	10733
4041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-} D_s^{*+}, B^0 \to D^-\bar{\Delta}^-\Delta^0$ $(e^+e^- \to D^- D_2^{*-} D_s^{*+} \bar{\Delta}^- \Delta^0)$	4040	4028	1	10734
4042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to K^+\bar{p}\bar{\Xi}_c^0$ $(e^+e^- \to \pi^+ K^+ D^- \bar{p}\Xi_c^0)$	4041	4029	1	10735
4043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^- a_1^+, B^0 \to K^0\phi\eta_c$ $(e^+e^- \to K^0\phi D^-\eta_c a_1^+)$	4042	4030	1	10736
4044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega D_2^{*+} \bar{D}^{*0} D_s^{*-})$	4043	4031	1	10737
4045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^- D^- D^{*+} \bar{D}^{*0})$	4044	4032	1	10738
4046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0\bar{K}^0 K^+, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^- K^0\bar{K}^0 K^+ K^{*-} D^+ \bar{D}^{*0})$	4045	4033	1	10739

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^- D^{*+}\gamma)$	774	773	1	10740
4048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- K^0\bar{K}^0 D^+ D^-)$	4047	4035	1	10741
4049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* K^*\bar{K}^*, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 K^* K^*\bar{K}^* D^+)$	4048	4036	1	10742
4050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\omega\omega\omega\omega D^- D^{*+})$	4049	4037	1	10743
4051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ K^0 D_s^-, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+ K^0\bar{K}^* D^- D^{*+} D_s^-)$	4050	4038	1	10744
4052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta K^* D^- D^{*+} D^{*+})$	173	173	1	10745
4053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\eta\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\eta\omega\bar{D}^{*-} D^{*0})$	4052	4040	1	10746
4054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \bar{K}^* K^+ D^+\bar{D}^{*-} D_s^{*-})$	4053	4041	1	10747
4055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ K^+ K^- D^-, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^+ K^+ K^- D^- D^{*+})$	4054	4042	1	10748
4056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^- K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^+\rho^- K^* K^* K^{*-} D^+ D^- D^{*+})$	776	775	1	10749
4057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^{*+}\bar{D}^{*-}\gamma, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^{*+} D^-\bar{D}^{*-}\gamma)$	777	776	1	10750
4058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^{*+} D_2^{*-} D_s^{*+}\Delta^-\bar{\Delta}^0)$	4057	4045	1	10751
4059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta K^- D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	4058	4046	1	10752
4060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega K^+ D_s^-, \bar{B}^0 \to \pi^0\pi^0 K^-\phi D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega K^+ K^-\phi D^+ D_s^-)$	778	777	1	10753
4061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\eta K^0\bar{K}^0\bar{K}^* D^0$ $(e^+e^- \to \pi^+\rho^-\eta K^0\bar{K}^0\bar{K}^*\bar{D}^{*-} D^0 D_s^{*+})$	4060	4048	1	10754
4062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^+\eta\omega D^-)$	4061	4049	1	10755
4063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\omega D^0$ $(e^+e^- \to e^+\nu_e\eta\omega\bar{D}^{*-} D^0)$	4062	4050	1	10756

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-, \bar{B}^0 \to \rho^0\pi^-\eta K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta K^+ K^- D^+ D^+ D_s^-)$	4063	4051	1	10757
4065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega\bar{K}^0 K^+ D^+ D^-)$	4064	4052	1	10758
4066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to \rho^0\pi^+\rho^-\bar{K}^0 D^0$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0 K^{*+} D^- D^0 D^0)$	4065	4053	1	10759
4067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}\gamma$ $(e^+e^- \to \rho^-\bar{D}^{*0}\bar{n}\Delta^0\bar{\Delta}^+\Sigma_c^{++}\gamma)$	779	778	1	10760
4068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^* K^{*-} D^+\bar{D}^{*-})$	4067	4055	1	10761
4069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^{*+} K^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^{*+} K^{*-} D^-)$	4068	4056	1	10762
4070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+})$	4069	4057	1	10763
4071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+ K^0 K^{*-} D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^0 K^{*-} D^+\bar{D}^{*-})$	4070	4058	1	10764
4072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^+ D^-)$	4071	4059	1	10765
4073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0\bar{K}^0 D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^0\bar{K}^0\bar{D}^{*-} D^{*0})$	4072	4060	1	10766
4074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^+ D^-)$	780	779	1	10767
4075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega D^{*+}\bar{D}^{*0})$	4074	4062	1	10768
4076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^{*+} D^- D^0, B^0 \to \pi^+\rho^- K^- K^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\rho^- K^- K^{*+} K^{*+} D^- D^0\bar{D}^0)$	4075	4063	1	10769
4077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega D^-, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+ K^0 K^0 K^- D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^+\rho^-\omega K^0 K^0 K^- D^- D^-)$	4076	4064	1	10770
4078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^0 K^+\bar{D}^{*-} D^0, B^0 \to \pi^+\pi^- K^* D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^* K^+\bar{D}^{*-} D^0 D^0\bar{D}^{*0})$	4077	4065	1	10771
4079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\Sigma^-\bar{\Xi}^+, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\phi D_2^{*+}\Sigma^-\bar{\Xi}^+)$	4078	4066	1	10772
4080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\eta K^{*-} D^{*+}\bar{D}^0\bar{D}^0)$	4079	4067	1	10773

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-)$	4080	4068	1	10774
4082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+})$	4081	4069	1	10775
4083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\bar{D}^{*0}p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*0}p\bar{p})$	4082	4070	1	10776
4084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}\bar{p}\Delta^+)$	781	780	1	10777
4085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^{*+}J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\eta K^{*+}D^+J/\psi)$	4084	4072	1	10778
4086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\eta K^0\bar{K}^*\eta'D^+D^{*+})$	4085	4073	1	10779
4087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-D^-\bar{\Sigma}^0\Sigma^+)$	4086	4074	1	10780
4088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-})$	4087	4075	1	10781
4089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}D_s^{*+})$	4088	4076	1	10782
4090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^0\bar{n}\Delta^0)$	782	781	1	10783
4091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D^{*0}D_s^{*+})$	4090	4078	1	10784
4092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0\bar{D}^{*-}\bar{\Lambda}\Sigma_c^0)$	4091	4079	1	10785
4093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta K^+K^-D^-D^{*+})$	4092	426	1	10786
4094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	4093	4080	1	10787
4095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^-D^{*+})$	783	782	1	10788
4096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^-K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^-K^{*+}D^+D^-)$	784	783	1	10789
4097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^+\pi^-K^0\chi_{c1}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0D_1^-\chi_{c1})$	4096	4083	1	10790

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^* D_s^{*-}, \bar{B}^0 \to \pi^+ D^+ \Delta^0 \bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\rho^+\eta K^* D^+ D_s^{*-} \Delta^0 \bar{\Delta}^{++})$	4097	4084	1	10791
4099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-\omega K^{*-} D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^{*-}\bar{D}^0 D^{*0})$	4098	4085	1	10792
4100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* K^{*+} D_s^-, \bar{B}^0 \to \pi^-\omega\bar{\Delta}^-\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^-\omega K^* K^{*+} D_s^- \bar{\Delta}^- \Sigma_c^{*0})$	785	784	1	10793
4101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	4100	4087	1	10794
4102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\omega K^- K^{*+}\bar{D}^{*-}\bar{p}\Lambda_c^+)$	4101	4088	1	10795
4103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{K}^* D^- \bar{D}^{*-} D^{*0})$	786	785	1	10796
4104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\omega$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^+ D^- D^{*0})$	4103	4090	1	10797
4105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\omega D^- D^0)$	787	786	1	10798
4106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^- D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta' D^- D^{*+})$	4105	4092	1	10799
4107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+ n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+ D^{*+} n\bar{p})$	4106	4093	1	10800
4108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \rho^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^+\rho^-\eta\eta K^0\bar{K}^0 D^+ D^-)$	4107	4094	1	10801
4109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^-\bar{D}^{*0} D_s^+, B^0 \to K^+\bar{D}^{*-} D^0$ $(e^+e^- \to \rho^- K^+\bar{D}^{*-} D^0\bar{D}^{*0} D_s^+)$	4108	4095	1	10802
4110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L J/\psi, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to K_L\pi^-\eta' D^+ J/\psi)$	4109	4096	1	10803
4111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^+ K^0 K^0 K^- K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^0 K^0 K^- K^- D^+ D^{*+}\gamma)$	174	174	1	10804
4112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Sigma}^{*0}\Sigma_c^+$ $(e^+e^- \to \rho^+ K^-\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma_c^+)$	4111	4098	1	10805
4113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\rho^-\omega K^0 D^+ D^{*+}\bar{D}^{*-})$	4112	4099	1	10806
4114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^0 K^+ D_s^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 K^+ D_s^-\bar{\Delta}^+\Sigma_c^{*++})$	4113	4100	1	10807

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\eta K^0 K^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\eta K^0 K^- D^- D^{*+})$	4114	4101	1	10808
4116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^+ K^-\eta_c, \bar{B}^0 \to \pi^-\rho^+ K^0\bar{K}^*$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+ K^0\bar{K}^* K^-\eta_c)$	4115	4102	1	10809
4117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^+ D^- D_1'^+)$	4116	4103	1	10810
4118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^- D^{*+}\gamma)$	4117	4104	1	10811
4119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^-\rho^+ D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+ D^+ D^-\Sigma^-\bar{\Sigma}^0)$	4118	4105	1	10812
4120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	4119	4106	1	10813
4121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	4120	4107	1	10814
4122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0}D_s^-)$	4121	4108	1	10815
4123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^0 K^0\bar{K}^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^0 K^0\bar{K}^0 K^*\bar{K}^* K^- D^+\bar{D}^{*-})$	4122	4109	1	10816
4124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\psi', \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- K_S D^{*+}\psi')$	4123	4110	1	10817
4125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-} D^0)$	4124	4111	1	10818
4126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta\eta\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta\eta D^+ D^-)$	4125	4112	1	10819
4127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^- D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta D^- D^-)$	4126	4113	1	10820
4128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^0 K^*\bar{K}^* D^- D^{*+} p\bar{\Lambda}_c^-)$	4127	4114	1	10821
4129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* J/\psi, B^0 \to \pi^-\rho^+\eta\bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \pi^-\rho^+\eta\bar{K}^0 K^* K^{*+} D^- J/\psi)$	4128	4115	1	10822
4130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^- D^- D^-)$	4129	4116	1	10823
4131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\Delta^{++}\bar{\Sigma}_c^{*--}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\omega D^+ D_s^{*-}\Delta^{++}\bar{\Sigma}_c^{*--})$	4130	4117	1	10824

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+D^-)$	4131	4118	1	10825
4133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^+K^-\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^+K^-D^0\bar{D}^0D_s^-)$	4132	4119	1	10826
4134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+})$	4133	4120	1	10827
4135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^+D^-D^0)$	4134	4121	1	10828
4136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-K^{*+}K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^-K^{*+}K^{*-}\bar{D}^{*-}D^0)$	789	788	1	10829
4137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}^{\prime -}, \bar{B}^0 \to \pi^0\pi^0\eta' D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\eta' D^{*+}D^{*+}n\bar{p}D_{s1}^{\prime -})$	4136	4123	1	10830
4138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^*K^{*-}D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	4137	4124	1	10831
4139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+D^{*+}a_1^-)$	4138	4125	1	10832
4140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\bar{K}^0\bar{D}^{*-}D_s^+J/\psi)$	4139	4126	1	10833
4141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to K^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	4140	4127	1	10834
4142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+K^*D_s^{*-}, \bar{B}^0 \to \pi^-D_1^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+K^*D_s^{*-}D_1^+)$	4141	4128	1	10835
4143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^{\prime +}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^-D^0D_s^{*-}D_{s1}^{\prime +})$	4142	4129	1	10836
4144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	790	789	1	10837
4145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}^{\prime -}$ $(e^+e^- \to \rho^+\omega D^-D^{*+}D_{s1}^{\prime -})$	4144	4131	1	10838
4146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to D^{*+}D_{s1}^{\prime -}$ $(e^+e^- \to D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+D_{s1}^{\prime -})$	4145	4132	1	10839
4147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^*D^-D^-D^{*+}D^0)$	4146	4133	1	10840
4148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	4147	4134	1	10841

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}D^0)$	4148	4135	1	10842
4150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \eta\bar{p}\Sigma_c^+$ $(e^+e^- \to \eta D_s^{*+}\bar{p}\Sigma_c^+D_1^-)$	4149	4136	1	10843
4151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D_s^+D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^*D^{*+}D_s^+D_s^-)$	4150	4137	1	10844
4152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^-\rho^+\bar{K}^*K^+K^-$ $(e^+e^- \to \pi^-\rho^+\rho^+\eta\bar{K}^*K^+K^-D^-)$	4151	4138	1	10845
4153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^0\pi^+\bar{D}^{*-}p\bar{p})$	4152	4139	1	10846
4154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\eta K^-D^{*+}\bar{D}^0\bar{D}^0)$	4153	4140	1	10847
4155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0K^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^-D^+D_s^{*+})$	4154	4141	1	10848
4156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-})$	4155	4142	1	10849
4157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-D^-D^{*0}D_s^+\Delta^0\bar{\Delta}^0)$	4156	4143	1	10850
4158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}D^{*+})$	4157	4144	1	10851
4159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-D^{*+}D^{*+})$	791	790	1	10852
4160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	792	791	1	10853
4161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \eta\omega\bar{\Sigma}^0\Xi^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\omega D^-\bar{\Sigma}^0\Xi^0)$	4160	4147	1	10854
4162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\omega K^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\omega K^-D^-D^{*+}D_s^{*+})$	4161	4148	1	10855
4163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\omega\bar{K}^0K^*K^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\omega\bar{K}^0K^*K^-D^-)$	4162	4149	1	10856
4164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^-D^{*+}\bar{n}p)$	4163	4150	1	10857
4165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^{*0}\Delta^0\bar{\Delta}^0)$	4164	4151	1	10858

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^-)$	4165	4152	1	10859
4167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \bar{K}^0 D^- D^- D^{*+}\bar{\Delta}^+\Delta^{++})$	793	792	1	10860
4168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \mu^+\nu_\mu D_2^{*-} J/\psi\bar{K}_1^0)$	4167	4154	1	10861
4169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^+\rho^- D^-, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to \rho^0\rho^+\rho^+\rho^-\bar{K}^* D^- J/\psi)$	794	793	1	10862
4170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^- K^- D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^- K^-\bar{D}^0 D_s^+ D_s^{*+})$	4169	4156	1	10863
4171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\omega\bar{D}^{*-}D_0^{*+})$	4170	4157	1	10864
4172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+, \bar{B}^0 \to \pi^0\rho^0\omega K^* K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega K^* K^- D^+ D^+)$	4171	4158	1	10865
4173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^- p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^- D^{*+}p\bar{p})$	795	794	1	10866
4174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta' K_0^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\eta' D^{*+}K_0^0 a_1^-)$	4173	4160	1	10867
4175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^+\bar{D}^{*-}a_1^+)$	4174	4161	1	10868
4176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \eta K^+\bar{D}^{*-}D^0\bar{n}\Sigma_c^0)$	4175	4162	1	10869
4177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+\pi^- D^+ D^{*+})$	4176	4163	1	10870
4178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega K^* D^{*0}\psi')$	796	795	1	10871
4179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+ D^- D_2^{*+}D_s^-\Delta^+\bar{\Delta}^+)$	797	796	1	10872
4180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+ K^+ K^-\eta' D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+ K^0 K^+ K^-\eta' D^{*+}\bar{D}^{*-}D^0)$	4179	4166	1	10873
4181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0 D^- D^{*0}\bar{D}^{*0})$	4180	4167	1	10874
4182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^- D^- p\bar{p}, \bar{B}^0 \to \omega\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega\bar{K}^0 D^- D^- D^{*+}p\bar{p})$	4181	4168	1	10875

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	4182	4169	1	10876
4184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \bar{K}^*K^+D^+\bar{D}^{*-}a_1^-\gamma)$	4183	4170	1	10877
4185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-D^{*+}D_1^-)$	4184	4171	1	10878
4186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*0})$	4185	4172	1	10879
4187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^0\rho^+K^-D^+\bar{D}^{*-}\bar{D}^0)$	4186	4173	1	10880
4188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+)$	4187	4174	1	10881
4189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-D^{*+}\bar{D}^0D_s^{*-})$	4188	4175	1	10882
4190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-K^{*+}K^{*-}D^-D^{*+})$	4189	4176	1	10883
4191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^0K^0D_s^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\omega K^0K^0D^{*+}D_s^{*-})$	4190	4177	1	10884
4192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{K}^0D^+D^-D^-)$	798	797	1	10885
4193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_{s1}'^+)$	4192	4179	1	10886
4194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta K^0K^-D^+D^-)$	4193	4180	1	10887
4195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	799	798	1	10888
4196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-}a_1^+)$	800	799	1	10889
4197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^0\bar{D}^0, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \eta K^0D^+D^0\bar{D}^0n\bar{p})$	4196	4183	1	10890
4198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\bar{D}^{*-}\bar{n}\Sigma_c^0)$	175	175	1	10891
4199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0p\bar{p})$	4198	4185	1	10892

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^-D^{*+})$	4199	4186	1	10893
4201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-})$	4200	4187	1	10894
4202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{K}^0K^-D_s^{*+}\chi_{c1})$	4201	4188	1	10895
4203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Sigma^{*0}\bar{\Xi}_c^{\prime -}, \bar{B}^0 \to \omega\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^+\omega\bar{K}^0D^-D^{*+}\Sigma^{*0}\bar{\Xi}_c^{\prime -})$	4202	4189	1	10896
4204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\pi^-\eta\omega D^{*+}D^{*+})$	4203	4190	1	10897
4205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0D^+D^-\bar{D}^{*-})$	802	801	1	10898
4206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	4205	4192	1	10899
4207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^{*0}\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to K^0D^0n\bar{\Delta}^0\Sigma^{*0}\bar{\Xi}_c^{\prime 0})$	4206	4193	1	10900
4208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \rho^-D_s^{*+}D_1^+D_1^-)$	4207	4194	1	10901
4209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^-K^0D^{*+}\bar{D}^{*0})$	4208	4195	1	10902
4210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*K^-D^{*+}\bar{D}^{*-})$	4209	4196	1	10903
4211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-})$	4210	4197	1	10904
4212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	4211	4198	1	10905
4213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*K^*, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*K^*D^{*+})$	4212	4199	1	10906
4214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}a_1^-)$	4213	4200	1	10907
4215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^-K^+\bar{D}^0D^{*0}\bar{n}\Sigma_c^0)$	4214	4201	1	10908
4216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+D^-)$	4215	4202	1	10909

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^+\bar{D}^{*-}n\bar{n})$	4216	4203	1	10910
4218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta K^0\bar{K}^*D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega K^0\bar{K}^*D^+D^{*+})$	4217	4204	1	10911
4219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0K^{*-}D^+D^-D^{*+})$	4218	4205	1	10912
4220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+K^-\bar{D}^0p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0K^+K^-D^+\bar{D}^0p\bar{p})$	4219	4206	1	10913
4221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*K^{*-}D^+D^{*+})$	4220	4207	1	10914
4222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+D^{*+}\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*K^+D^-D^{*+}\Delta^0\bar{\Delta}^{++})$	4221	4208	1	10915
4223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\Delta^0\bar{\Omega}_c^{*0}, \bar{B}^0 \to \pi^+K^-D_s^-D_s^{*+}$ $(e^+e^- \to \pi^+\bar{K}^*K^-D_s^-D_s^{*+}\Delta^0\bar{\Omega}_c^{*0})$	4222	4209	1	10916
4224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\eta K^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta K^*K^-D^{*+}\bar{D}^0)$	4223	4210	1	10917
4225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^-D^{*+}\bar{\Delta}^-\Delta^0)$	4224	4211	1	10918
4226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	4225	4212	1	10919
4227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-\eta'D^{*+}\bar{D}^0)$	4226	4213	1	10920
4228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega\omega\omega\eta'D^+\bar{D}^{*-})$	4227	4214	1	10921
4229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^{*+}J/\psi a_1^-)$	4228	4215	1	10922
4230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D_2^{*+}\bar{D}^0)$	4229	4216	1	10923
4231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*0}D_s^+)$	4230	4217	1	10924
4232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^*D^-D^-D^{*+})$	803	802	1	10925
4233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\eta\omega D^+\bar{D}^{*-}D_s^{*+})$	4232	4219	1	10926

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Xi}_c'^0, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta D^{*+} n\bar{\Xi}_c'^0)$	4233	4220	1	10927
4235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^- p\bar{\Xi}_c'^0, \bar{B}^0 \to \bar{K}^0\bar{D}^0 D^{*0}$ $(e^+e^- \to \bar{K}^0 K^-\bar{D}^0 D^{*0} p\bar{\Xi}_c'^0)$	4234	4221	1	10928
4236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^* K^- D^{*+}\bar{D}^{*0} J/\psi)$	804	803	1	10929
4237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^- D^{*+})$	4236	4223	1	10930
4238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	4237	4224	1	10931
4239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+ K^{*-} D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ K^0 K^{*-} D^0 D^0\bar{D}^0)$	4238	4225	1	10932
4240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+} p\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^- D^+ D^{*+} p\bar{p})$	4239	4226	1	10933
4241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega D^+ D_2^{*-})$	4240	4227	1	10934
4242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+ K^* K^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+ K^* K^* K^- D^{*+} D^{*+}\bar{D}^{*-})$	4241	4228	1	10935
4243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-} D_1'^+)$	4242	4229	1	10936
4244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^- K^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^0 K^+ K^- D^{*+}\bar{D}^0)$	4243	4230	1	10937
4245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta D^{*+}\bar{D}^{*-} D_s^{*+})$	4244	4231	1	10938
4246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- D^+\bar{D}^{*-} D_s^+)$	4245	4232	1	10939
4247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^- D^+\bar{D}^{*-} D_s^{*+})$	4246	4233	1	10940
4248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega K^{*-} D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\omega K^{*-} D^+ D_2^{*-})$	4247	4234	1	10941
4249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^- D^{*+}\bar{D}^{*0})$	805	804	1	10942
4250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^- D^{*0} D_0^{*-})$	4249	4236	1	10943

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^+ D^{*+} D_s^-)$	4250	4237	1	10944
4252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- D^{*+} D^0 D_s^{*-})$	4251	4238	1	10945
4253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^- D^{*+}\bar{D}^{*0})$	4252	4239	1	10946
4254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+)$	4253	4240	1	10947
4255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+ K^0\bar{K}^0 D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+ K^0\bar{K}^0 D^-\bar{D}^{*-})$	4254	4241	1	10948
4256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^- D^{*+})$	4255	4242	1	10949
4257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	4256	4243	1	10950
4258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+ D^-)$	4257	4244	1	10951
4259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	4258	4245	1	10952
4260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\eta' D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+\eta' D^{*+} D_s^-)$	4259	4246	1	10953
4261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, B^0 \to \eta K^0 D^- D^{*+}$ $(e^+e^- \to \eta K^0 K^+ D^- D^{*+}\Lambda\bar{\Sigma}_c^-)$	4260	4247	1	10954
4262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^0\bar{K}^0\bar{K}^0\Delta^0\bar{\Lambda}$ $(e^+e^- \to e^+\nu_e X_u^-\pi^0\bar{K}^0\bar{K}^0\Delta^0\bar{\Lambda})$	806	805	1	10955
4263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- K^+ K^+ K^- K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^- K^+ K^+ K^- K^- D^{*+}\bar{D}^{*-})$	4262	4249	1	10956
4264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\eta D^+ D^-\bar{n}p)$	4263	4250	1	10957
4265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^- K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^- K^0 K^{*-} D^{*+}\bar{D}^{*-})$	4264	4251	1	10958
4266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e K^* J/\psi D_1'^+)$	4265	4252	1	10959
4267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0 D^+\Delta^0\bar{\Delta}^+\Lambda_c^+\bar{\Lambda}_c^-)$	4266	4253	1	10960

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^0)$	4267	4254	1	10961
4269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^0D^-D^{*+}, B^0 \to \pi^0\pi^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\omega K^0D^-D^-D^{*+})$	4268	4255	1	10962
4270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-\bar{\Sigma}^+\Sigma^-, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^+\rho^-D^-D^-\bar{\Sigma}^+\Sigma^-)$	807	806	1	10963
4271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	4270	4257	1	10964
4272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+})$	4271	4258	1	10965
4273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^-K^+K^{*-}D^+\bar{D}^{*-}a_1^+)$	4272	4259	1	10966
4274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega D^-D^{*+})$	4273	4260	1	10967
4275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^-\bar{\Delta}^0\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^-D^{*+}\bar{\Delta}^0\Delta^{++})$	176	176	1	10968
4276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0)$	4275	4262	1	10969
4277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+K^{*-}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+K^{*-}D^-\bar{D}^{*0}\bar{n}p)$	177	177	1	10970
4278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \bar{D}^{*-}D^{*0}\Delta^+\bar{\Delta}^+D_{s1}'^+)$	4277	4264	1	10971
4279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^0K^-D^+n\bar{\Lambda}$ $(e^+e^- \to \pi^0K^-D^+D_s^+n\bar{\Lambda}D_1'^-)$	4278	4265	1	10972
4280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^-D^{*+})$	4279	4266	1	10973
4281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^+D^{*+}\bar{D}^0)$	4280	4267	1	10974
4282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-)$	4281	4268	1	10975
4283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	4282	4269	1	10976
4284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\omega D^+\bar{D}^{*-})$	4283	4270	1	10977

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L J/\psi, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to K_L\pi^+\pi^- D^+ D_s^{*-} J/\psi)$	4284	4271	1	10978
4286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	4285	4272	1	10979
4287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to K^0 D^- D^{*+} D^{*+}\Sigma^0\bar{\Sigma}^-)$	4286	4273	1	10980
4288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to \rho^- D^+ p\bar{p}$ $(e^+e^- \to \pi^0\rho^-\omega D^+\bar{D}^{*0}p\bar{p})$	4287	4274	1	10981
4289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{\Sigma}^0, \bar{B}^0 \to \pi^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^+\bar{D}^0 D^{*0} D_s^{*-} n\bar{\Sigma}^0)$	4288	4275	1	10982
4290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^+ K^- D^- D^{*+}\bar{D}^{*0})$	4289	4276	1	10983
4291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Lambda\bar{\Xi}_c^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^0 D^+\bar{D}^{*-}\Lambda\bar{\Xi}_c^0)$	4290	4277	1	10984
4292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\chi_{c1}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- K^0 D^{*+} D_s^{*-}\chi_{c1})$	810	809	1	10985
4293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^0 D^- D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0 D^- D_s^{*+} D_1^-)$	4292	4279	1	10986
4294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+ K^- D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+ K^- D^0\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0)$	4293	4280	1	10987
4295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to D^- D_{s1}'^+\bar{X}_{sd}\gamma)$	4294	4281	1	10988
4296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^-\eta K^+ K^{*-} D^{*+}$ $(e^+e^- \to \pi^-\eta K^+ K^{*-} D^{*+}\bar{D}^0\bar{p}\Delta^+)$	4295	4282	1	10989
4297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- D^+ D^{*+} n\bar{n})$	4296	4283	1	10990
4298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+ D^-)$	4297	4284	1	10991
4299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^0)$	811	810	1	10992
4300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega\omega\bar{K}^0 D^+ D^{*+})$	4299	4286	1	10993
4301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Xi}_c'^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^- D^{*+} n\bar{\Xi}_c'^-)$	4300	4287	1	10994

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^- D^+ n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu X_u^- \pi^0\pi^- D^+ n\bar{n})$	4301	4288	1	10995
4303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta D^+ D^{*+})$	4302	4289	1	10996
4304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\eta\eta D^- D^{*+})$	4303	4290	1	10997
4305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega\bar{K}^* K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega K^0\bar{K}^* K^+ K^- D^+ D^+\bar{D}^0)$	4304	4291	1	10998
4306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^* K^+ D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^* K^+ D^+ D^- a_1^+)$	4305	4292	1	10999
4307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	4306	3684	1	11000
4308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^0 K^- D^-, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^0 K^- D^- D^0 p\bar{\Delta}^+)$	4307	4293	1	11001
4309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0 D^- D^{*+}\bar{D}^0)$	4308	4294	1	11002
4310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^- D^{*+}\Delta^+\bar{\Sigma}_c^{*0})$	812	811	1	11003
4311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+}\Delta^-\bar{n})$	178	178	1	11004
4312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D_s^- D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\eta' D^{*+} D_s^- D_s^{*+})$	4311	4297	1	11005
4313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\pi^- K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\bar{K}^* D^{*+} n\bar{\Sigma}_c^0)$	4312	4298	1	11006
4314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\eta\bar{K}^0 K^+ D^-, \bar{B}^0 \to \bar{K}^0 D^0$ $(e^+e^- \to \rho^0\rho^0\eta\bar{K}^0\bar{K}^0 K^+ D^- D^0)$	4313	4299	1	11007
4315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^+\bar{D}^{*-})$	4314	4300	1	11008
4316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to e^+\nu_e\rho^- D_1^- D_1'^+)$	4315	4301	1	11009
4317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^+\Delta^-\bar{\Lambda}$ $(e^+e^- \to \pi^-\bar{K}^0 K^+ D^+ D^0\bar{D}^{*0}\Delta^-\bar{\Lambda})$	4316	4302	1	11010
4318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- K^-\phi\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^-\phi D^-\bar{D}^0)$	4317	4303	1	11011

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\bar{K}^0 D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\omega\bar{K}^0 D^+ D_1^+)$	4318	4304	1	11012
4320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-})$	4319	4305	1	11013
4321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^- D^{*+}\Lambda\bar{\Xi}^0$ $(e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\Lambda\bar{\Xi}^0)$	4320	4306	1	11014
4322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^- D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\rho^-\eta D^+ D^0)$	814	813	1	11015
4323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^- K^0 D^+ D^0\bar{D}^0)$	12	12	1	11016
4324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^- D^{*0}\Delta^+\bar{\Sigma}_c^{*0})$	4323	4309	1	11017
4325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+ D_1'^-, B^0 \to \pi^0\pi^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{D}^{*0}D_s^+ D_1'^-)$	4324	4310	1	11018
4326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- D^{*+}D_s^{*+}D_1'^-)$	4325	4311	1	11019
4327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^- D^{*+}D_1'^+)$	4326	4312	1	11020
4328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\eta D^- D_2^{*+})$	4327	4313	1	11021
4329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^+\rho^+\bar{K}^0 K^-\Delta^-\bar{\Lambda}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0 K^- D^+\Delta^-\bar{\Lambda})$	4328	4314	1	11022
4330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^* D^{*+}\bar{D}^0 D^{*0})$	4329	4315	1	11023
4331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^-)$	816	815	1	11024
4332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0\rho^0\rho^+ D^- D_s^{*-}D_1'^+)$	4331	4317	1	11025
4333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^{*-} D^+, \bar{B}^0 \to \rho^0\pi^-\rho^+\eta\bar{K}^* D^0$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta K^0\bar{K}^* K^{*-} D^+ D^0)$	817	816	1	11026
4334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^- D^{*+}, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \rho^0\rho^- K^* K^- D^{*+} D^{*+})$	4333	4319	1	11027
4335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 K^{*-} D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^0 K^{*-}\bar{D}^{*-} D_s^{*+})$	4334	4320	1	11028

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^+ D^{*0}\bar{D}^{*0})$	4335	4321	1	11029
4337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega\bar{K}^0 D^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega\omega\bar{K}^0 D^{*+}D^{*0})$	4336	4322	1	11030
4338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^* K^- D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\bar{K}^* K^- D^{*+}D_s^+)$	4337	4323	1	11031
4339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- K^{*-}\phi D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^- K^{*-}\phi D^+\bar{D}^{*-})$	4338	4324	1	11032
4340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^{*-}\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^{*+})$	4339	4325	1	11033
4341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+ K^0\bar{K}^* D^+\bar{D}^{*-})$	4340	4326	1	11034
4342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\omega D^-, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \pi^0\pi^+\eta\omega\omega D^- D^{*+}a_1^-\gamma)$	4341	4327	1	11035
4343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^- K^0 K^{*-} D^{*+}\bar{D}^0 D_s^{*+})$	4342	4328	1	11036
4344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* K^- D^{*+}, \bar{B}^0 \to K^* K^-\phi D^+$ $(e^+e^- \to K^*\bar{K}^* K^- K^-\phi D^+ D^{*+})$	4343	4329	1	11037
4345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\rho^- K^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\rho^- K^0 D^{*+}\bar{D}^{*0})$	4344	4330	1	11038
4346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta K^+ K^- D^+$ $(e^+e^- \to \rho^-\eta K^0 K^+ K^- D^+ D^+\bar{D}^{*-})$	818	817	1	11039
4347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^0\Delta^{++}, B^0 \to \pi^0\pi^-\rho^+\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0\Delta^{++})$	4346	4332	1	11040
4348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta D^+ D_1^-)$	819	818	1	11041
4349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^- K^0\bar{K}^* D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+ K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^- K^0 K^0\bar{K}^* K^{*-} D^+ D^{*+})$	4348	4334	1	11042
4350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+\bar{D}^{*-} D_{s1}^+)$	4349	4335	1	11043
4351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+ D^+ D^-)$	820	819	1	11044
4352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+ D^+\bar{D}^{*-}\bar{D}^{*-})$	4351	4337	1	11045

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-\pi^-\bar{D}^0 D_s^+\bar{\Delta}^+\Sigma_c^{*++})$	821	820	1	11046
4354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	4353	4339	1	11047
4355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- D^{*+}\bar{D}^{*-}\bar{n}p)$	4354	4340	1	11048
4356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^-\rho^+\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\omega K^0D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	4355	4341	1	11049
4357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^0D^0D_s^-)$	4356	4342	1	11050
4358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to D^-a_1^+\gamma$ $(e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}a_1^+\gamma)$	4357	4343	1	11051
4359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-D^-D^{*+}\bar{\Sigma}^+\Sigma^0)$	4358	4344	1	11052
4360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-})$	4359	4345	1	11053
4361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\bar{\Delta}^-\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^-D^-D_s^+\bar{\Delta}^-\Sigma_c^0)$	4360	4346	1	11054
4362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu K^0K^-D^+\bar{D}^{*-}p\bar{p})$	4361	4347	1	11055
4363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}D^{*0})$	4362	4348	1	11056
4364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	822	821	1	11057
4365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-}J/\psi)$	4364	4350	1	11058
4366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-K^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e\pi^+K^-K^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	4365	4351	1	11059
4367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	4366	4352	1	11060
4368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}\Delta^-\bar{\Delta}^0)$	4367	4353	1	11061
4369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-})$	4368	4354	1	11062

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^*K^-\eta' D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\omega K^*K^-\eta' D^+\bar{D}^{*-})$	4369	4355	1	11063
4371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-K^+D^{*+}\bar{D}^{*-}D^0)$	823	822	1	11064
4372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{K}^0D^0\bar{D}^0\bar{D}^{*0})$	4371	4357	1	11065
4373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}n\bar{n})$	4372	4358	1	11066
4374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to K^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu K^-D_2^{*-}\bar{\Delta}^0\Lambda_c^+)$	4373	4359	1	11067
4375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}\Lambda_c^+)$	4374	4360	1	11068
4376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^+K^-D^+\bar{D}^{*-})$	4375	4361	1	11069
4377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	4376	4362	1	11070
4378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D_2^{*+}D_1^-)$	4377	4363	1	11071
4379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+n\bar{\Xi}_c'^-)$	4378	4364	1	11072
4380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta\eta'D^{*+}\bar{D}^{*-})$	824	823	1	11073
4381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-K^{*+}\bar{D}^{*-}D_1'^+)$	4380	4366	1	11074
4382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-D^+D^-\Delta^{++}\bar{\Delta}^{++})$	4381	4367	1	11075
4383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}\bar{n}p)$	4382	4368	1	11076
4384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0D^+\bar{D}^0D^{*0}D_s^{*-})$	4383	4369	1	11077
4385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^+K^*K^*K^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+K^*K^*K^-\bar{D}^{*-}\bar{D}^0)$	4384	4370	1	11078
4386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\eta D^+D^-\Delta^-\bar{\Delta}^0)$	4385	4371	1	11079

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	4386	4372	1	11080
4388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}p\bar{p})$	4387	4373	1	11081
4389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^+K^*K^-D^{*+}\bar{D}^{*-}\psi')$	4388	4374	1	11082
4390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0K^+K^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\omega\bar{K}^0K^+K^-\bar{D}^{*-}D^0)$	4389	4375	1	11083
4391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \phi D^{*+}D_s^-$ $(e^+e^- \to K^*\phi D^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	4390	4376	1	11084
4392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^{*+}D^+, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^-\pi^-\bar{K}^*K^{*+}D^+J/\psi)$	4391	4377	1	11085
4393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^0\pi^0D^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta D^-D^-D_s^+)$	4392	4378	1	11086
4394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^-D_2^{*-}D_s^{*+}\bar{n}\Lambda_c^+)$	4393	4379	1	11087
4395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^-D^{*+}D_s^+)$	4394	4380	1	11088
4396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	825	824	1	11089
4397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-\bar{D}^{*-}D_{s1}'^+)$	4396	4382	1	11090
4398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	4397	4383	1	11091
4399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^0\Delta^0\bar{\Delta}^0)$	4398	4384	1	11092
4400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	4399	4385	1	11093
4401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, B^0 \to \pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega D^-\Delta^0\bar{\Sigma}_c^-)$	4400	4386	1	11094
4402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Xi_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^*\bar{\Lambda}\Xi_c^{*0})$	180	180	1	11095
4403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega\bar{D}^{*-}D_1'^+)$	4402	4388	1	11096

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{D}^{*-}D^0D_s^{*+})$	4403	4389	1	11097
4405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}\Sigma^{*-}\bar{\Sigma}^0$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}\Sigma^{*-}\bar{\Sigma}^0)$	4404	4390	1	11098
4406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta D^-D^{*+})$	4405	4391	1	11099
4407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\bar{p}\Delta^+)$	4406	4392	1	11100
4408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-a_1^+\gamma)$	4407	4393	1	11101
4409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\chi_{c1}, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to K_L\pi^-\bar{D}^0D_s^{*+}\chi_{c1})$	4408	4394	1	11102
4410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-D^+D^{*+})$	4409	4395	1	11103
4411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-})$	4410	4396	1	11104
4412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\omega K^*K^-D^+D^-)$	4411	4397	1	11105
4413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega D^+\bar{D}^{*-}\bar{n}p)$	827	826	1	11106
4414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^-\eta K^{*+}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta K^{*+}\bar{D}^{*-})$	4413	4399	1	11107
4415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}\Delta^-\bar{n})$	828	827	1	11108
4416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta\eta K^+D^{*+}\bar{D}^0)$	4415	4401	1	11109
4417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	181	181	1	11110
4418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}J/\psi)$	830	829	1	11111
4419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^+K^-D^{*+}\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*--})$	4418	4404	1	11112
4420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{n}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^+D^{*+}\Delta^-\bar{n})$	4419	4405	1	11113

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*D^+D^-D^0)$	4420	4406	1	11114
4422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\eta_c, \bar{B}^0 \to \rho^+\rho^-\eta_c$ $(e^+e^- \to \rho^+\rho^-\eta K^0\eta_c\eta_c)$	4421	4407	1	11115
4423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0D_s^+)$	4422	4408	1	11116
4424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^+K^-\bar{D}^{*-}\bar{D}^0)$	4423	4409	1	11117
4425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}J/\psi)$	4424	4410	1	11118
4426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \rho^0K^+D^-D^0$ $(e^+e^- \to \rho^0K^0K^+D^-D^{*+}\bar{D}^{*-}D^0)$	831	830	1	11119
4427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^-D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0}D_1^+)$	4426	4412	1	11120
4428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^+, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-D^+\bar{\Delta}^+\Sigma_c^{*0})$	4427	4413	1	11121
4429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta\omega D^-, \bar{B}^0 \to \rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta\eta\omega D^-D^{*0})$	4428	4414	1	11122
4430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	4429	4415	1	11123
4431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	4430	4416	1	11124
4432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^+D^-D_s^{*-})$	4431	4417	1	11125
4433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*\bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-})$	4432	4418	1	11126
4434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^0)$	4433	4419	1	11127
4435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+D^-D^0D_s^{*-})$	4434	4420	1	11128
4436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^{*+}D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\omega K^-K^{*+}D^-D^{*+}\bar{D}^0)$	832	831	1	11129
4437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*0}\bar{D}^{*0}D_1^+)$	4436	4422	1	11130

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	4437	4423	1	11131
4439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}D^{*+}D'^-_{s1})$	182	182	1	11132
4440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^0, \bar{B}^0 \to \rho^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\omega K^0\bar{K}^0\bar{K}^0D^+)$	4439	4425	1	11133
4441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-)$	4440	4426	1	11134
4442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	4441	4427	1	11135
4443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}a_1^+)$	4442	4428	1	11136
4444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}\bar{D}^{*-})$	4443	4429	1	11137
4445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to K^*\bar{K}^*K^-D^+D^{*+}\bar{D}^{*-})$	4444	4430	1	11138
4446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\eta\eta\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	4445	4431	1	11139
4447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^-K^0D^+D_2^{*+}\bar{D}^{*0}D_s^{*-})$	4446	4432	1	11140
4448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	4447	4433	1	11141
4449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+)$	4448	4434	1	11142
4450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+D^+D_s^-)$	834	833	1	11143
4451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^0\bar{K}^*D^+\bar{D}^{*-})$	4450	4436	1	11144
4452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	4451	4437	1	11145
4453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\Delta^+\bar{\Lambda}_c^-)$	4452	4438	1	11146
4454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}D_1'^-)$	183	183	1	11147

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{D}^0\bar{p}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta\bar{D}^{*-}\bar{D}^0\bar{p}\Lambda)$	4454	4440	1	11148
4456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\omega D^+D^{*+})$	4455	4441	1	11149
4457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K^*D^{*+}\bar{D}^{*-}D^{*0})$	836	835	1	11150
4458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0D^{*+}\bar{D}^{*0})$	4457	4443	1	11151
4459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \bar{K}^0a_1^0$ $(e^+e^- \to \rho^+\bar{K}^0D^-a_1^0\gamma)$	4458	4444	1	11152
4460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^*D^+D^-)$	4459	4445	1	11153
4461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\eta_c, B^0 \to \pi^0\rho^0\pi^+K^0D^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^*D^-D^0\eta_c)$	837	836	1	11154
4462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+K^0K^+K^-D^{*+}\bar{D}^{*0})$	4461	4447	1	11155
4463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega K^-K^{*+}D^{*+}\bar{D}^{*-})$	4462	4448	1	11156
4464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to D_s^{*+}D_1^-$ $(e^+e^- \to \bar{D}^{*-}D_s^+D_s^{*+}D_1^-)$	4463	4449	1	11157
4465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	838	837	1	11158
4466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^*K^-D^+D^+\bar{D}^0)$	4465	4451	1	11159
4467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\bar{D}^{*-}D_2^{*-})$	4466	4452	1	11160
4468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{D}^0D_s^{*+}D_s^{*-})$	4467	4453	1	11161
4469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}D^0)$	4468	4454	1	11162
4470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta D^{*+}\bar{D}^{*-})$	839	838	1	11163
4471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta'D^-D^{*+})$	4470	4455	1	11164

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^-\bar{\Sigma}^{*0}\Sigma^{*+}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^0 D^-\bar{n}\bar{\Sigma}^{*0}\Sigma^{*+}\Sigma_c^0)$	4471	4456	1	11165
4473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\eta K^+K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta K^+K^{*-}D^+D_1'^-)$	4472	4457	1	11166
4474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	4473	4458	1	11167
4475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^*K^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*K^-D^-D^0D_{s1}'^+)$	4474	4459	1	11168
4476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \rho^+\rho^+\rho^-\bar{K}^0K^-\bar{D}^{*-}D_s^{*+})$	4475	4460	1	11169
4477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+}D^{*+})$	4476	4461	1	11170
4478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta'D^-D^{*+})$	4477	4462	1	11171
4479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*0})$	4478	4463	1	11172
4480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	4479	4464	1	11173
4481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^0K^-K^-D^+D^+)$	840	839	1	11174
4482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0J/\psi, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega K^0D^{*+}J/\psi)$	4481	4466	1	11175
4483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega\eta'D^{*+}D_0^{*-})$	4482	4467	1	11176
4484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^0p\bar{p})$	4483	4468	1	11177
4485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	4484	4469	1	11178
4486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^-\bar{D}^0D^{*0}D_s^+)$	4485	4470	1	11179
4487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega\omega D^{*+}D^{*+})$	4486	4471	1	11180
4488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\Delta^0\bar{\Sigma}_c^0)$	4487	4472	1	11181

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D^- D_0^{*-})$	4488	4473	1	11182
4490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^0K^-D^+D^{*+})$	4489	4474	1	11183
4491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-K^-D^{*+}D^{*+}\bar{D}^0)$	841	840	1	11184
4492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\eta K^+K^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^+K^-\bar{D}^{*-})$	4491	4476	1	11185
4493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-})$	4492	4477	1	11186
4494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \omega\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \omega\bar{K}^0D^-D^-D^{*+}\bar{\Delta}^0\Delta^+)$	842	841	1	11187
4495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^+D^-D_2^{*-})$	4494	4479	1	11188
4496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-}D_1^+)$	4495	4480	1	11189
4497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \rho^-\eta\omega\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-\eta\omega\omega D^+D^+)$	4496	4481	1	11190
4498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	4497	4482	1	11191
4499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\pi^-, B^0 \to \pi^0D^-D_s^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^-D_s^+)$	4498	4483	1	11192
4500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*0}D_s^{*+}D_0^{*-})$	4499	4484	1	11193
4501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\omega D^+\bar{D}^0)$	4500	4485	1	11194
4502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^+, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0K^-D^+D^{*0})$	4501	4486	1	11195
4503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^0)$	4502	4487	1	11196
4504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^+K^{*-}D^-D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+K^{*-}D^-D^-D^0)$	4503	4488	1	11197
4505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega\omega D^-D^{*+})$	4504	4489	1	11198

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^- K^0\phi D^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega K^0\phi D^{*+}D^0)$	4505	4490	1	11199
4507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to K^*D^+D^-$ $(e^+e^- \to \tau^+\nu_\tau K^*D^+D^-\bar{D}^{*-})$	4506	4491	1	11200
4508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	4507	4492	1	11201
4509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^{*-}\phi D^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\eta K^{*-}\phi\bar{D}^{*-}D^0)$	4508	4493	1	11202
4510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0\bar{K}^0D^+\bar{D}^{*-})$	4509	4494	1	11203
4511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\eta K^0\bar{K}^0\bar{K}^0D^-)$	4510	4495	1	11204
4512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta\eta K^*K^{*-}D^+\bar{D}^{*-})$	4511	4496	1	11205
4513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0K^+K^-D^+\bar{D}^0\bar{D}^{*0})$	4512	4497	1	11206
4514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}D_s^+D_s^{*-})$	4513	4498	1	11207
4515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_s^+)$	4514	4499	1	11208
4516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D_1'^+, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^-\pi^-\eta\eta D^+D_1'^+)$	4515	4500	1	11209
4517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\eta\omega D^+D^-)$	4516	4501	1	11210
4518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+K^+D^{*+}\bar{D}^{*-}D^{*0})$	4517	4502	1	11211
4519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-K^*K^-D^+\bar{D}^{*-})$	4518	4503	1	11212
4520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}n\bar{n})$	4519	4504	1	11213
4521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^0D^+J/\psi)$	4520	4505	1	11214
4522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D_2^{*-}D^0D_s^{*+}D_s^{*-})$	4521	4506	1	11215

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^0D^{*+}\bar{D}^0D^{*0})$	843	842	1	11216
4524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+D^-D^{*+}D_{s1}'^-)$	4523	4508	1	11217
4525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+K^0\Delta^+\bar{\Sigma}_c^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^-\pi^-\rho^+K^0D^+\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^0)$	4524	4509	1	11218
4526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to K^*\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-})$	4525	4510	1	11219
4527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0K^+\eta' D^-D^{*+})$	4526	4511	1	11220
4528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-D^+D_1^-)$	4527	4512	1	11221
4529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}D^{*+}D_s^{*-})$	4528	4513	1	11222
4530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D^{*0})$	4529	4514	1	11223
4531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{\Sigma}^0\Xi^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^+\bar{D}^{*-}\bar{\Sigma}^0\Xi^-)$	4530	4515	1	11224
4532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0K^*K^+K^{*-}D^+\bar{D}^{*-}D^{*0})$	4531	4516	1	11225
4533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta K^0D^{*+}D_s^+D_s^{*-})$	4532	4517	1	11226
4534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	4533	4518	1	11227
4535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^{*+}\bar{D}^{*-})$	4534	4519	1	11228
4536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-K^{*+}D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\rho^-K^{*+}D^+D^{*0})$	844	843	1	11229
4537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^-D^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^-D^{*+}D_2^{*-}D_s^+\bar{\Sigma}^+\Sigma^-)$	4536	4521	1	11230
4538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to K^-D^+\bar{D}^0J/\psi K_1^0)$	4537	4522	1	11231
4539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-})$	4538	4523	1	11232

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D_0^{*+})$	4539	4524	1	11233
4541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e K^-D^{*+}\bar{D}^0D_1^+)$	4540	4525	1	11234
4542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\omega D^{*+}\bar{D}^0)$	4541	4526	1	11235
4543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^0\bar{D}^{*0})$	4542	4527	1	11236
4544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \rho^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}\bar{\Delta}^-n\Delta^0\bar{\Delta}^0)$	4543	4528	1	11237
4545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\eta D^-)$	4544	4529	1	11238
4546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \rho^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+K^0\bar{K}^0\bar{K}^*D^-\bar{D}^0D^{*0})$	4545	4530	1	11239
4547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+})$	4546	4531	1	11240
4548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^-K^+D^{*+}D^0\bar{D}^{*0})$	4547	4532	1	11241
4549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\rho^-\eta D^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^-\eta D^{*+}D^0)$	4548	4533	1	11242
4550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\bar{D}^{*-}D^0D_s^-)$	4549	4534	1	11243
4551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\bar{K}^*D^-D^{*+})$	4550	4535	1	11244
4552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+D^-n\bar{p})$	4551	4536	1	11245
4553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Sigma^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega K^*D^{*+}\Sigma^0\bar{\Sigma}_c^{*0})$	4552	4537	1	11246
4554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*-}D_{s0}^{*+})$	845	844	1	11247
4555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}a_1^+)$	4554	4538	1	11248
4556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to J/\psi K_1^0, B^0 \to \pi^0\pi^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\bar{D}^0J/\psi K_1^0)$	4555	4539	1	11249

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-D^{*0})$	4556	4540	1	11250
4558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \rho^-\rho^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\rho^-\eta\bar{K}^0K^+D^+D^{*+})$	4557	4541	1	11251
4559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\omega D^-\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	184	184	1	11252
4560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta D^-D^{*+})$	4559	4543	1	11253
4561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-\bar{D}^{*-}\eta_c)$	4560	4544	1	11254
4562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	4561	4545	1	11255
4563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0K^-D^+n\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta K^-D^+D^-n\bar{\Lambda})$	4562	4546	1	11256
4564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0})$	4563	4547	1	11257
4565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D_s^+D_s^{*-}D_1^-)$	4564	4548	1	11258
4566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\omega\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega D^0n\bar{n}\Delta^{++}\bar{\Delta}^{++})$	4565	4549	1	11259
4567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\eta K^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta K^0\bar{D}^{*-}\bar{D}^{*-})$	4566	4550	1	11260
4568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^0\bar{K}^0K^+\bar{D}^{*-}D^{*0}\chi_{c2})$	4567	4551	1	11261
4569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	4568	4552	1	11262
4570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \bar{K}^0K^-D^0\bar{D}^0\bar{\Delta}^+\Sigma_c^{++})$	4569	4553	1	11263
4571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^+D^-a_1^+)$	4570	4554	1	11264
4572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^-K^{*+}D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^*K^-K^{*+}D^+D^-)$	847	846	1	11265
4573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0K^{*+}D^-D^{*+}D^0n\bar{p})$	4572	4556	1	11266

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^-\eta D^+ D^- D_{s1}'^+)$	4573	4557	1	11267
4575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-})$	4574	4558	1	11268
4576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \omega D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^+ D^- D_s^{*-})$	4575	4559	1	11269
4577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^-\bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-\bar{K}^* K^+ D^{*+} D_s^+ D_1^-)$	4576	4560	1	11270
4578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^- K^{*+}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^{*+} D^{*+} a_1^-)$	848	847	1	11271
4579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0 K^*\bar{K}^*$ $(e^+e^- \to e^+\nu_e\omega\bar{K}^0 K^*\bar{K}^*\bar{D}^{*-})$	185	185	1	11272
4580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^0\bar{D}^0 D_s^+$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^0 D^-\bar{D}^0 D_s^+)$	4579	4563	1	11273
4581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\bar{K}^* K^{*-} D_s^+$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^* K^{*-} D^{*+} D_s^+)$	4580	4564	1	11274
4582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \omega K^+ D^{*+}\bar{D}^{*-} D_s^-)$	44	44	1	11275
4583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\chi_{c2}, \bar{B}^0 \to \pi^0\pi^+ K^-\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^- K^+ K^-\eta_c\chi_{c2})$	851	850	1	11276
4584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^* D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^* D^- D^{*+})$	4583	4567	1	11277
4585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\chi_{c1}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0 K^-\phi D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- K^0 K^0 K^-\phi D^+\chi_{c1})$	4584	4568	1	11278
4586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ D^- D^{*0} a_1^+)$	4585	4569	1	11279
4587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	4586	4570	1	11280
4588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^*, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^* D^{*+})$	852	851	1	11281
4589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^- D^{*+} D_1^-)$	4588	4572	1	11282
4590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to \pi^+\rho^+\rho^-\omega K^- D^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega K_S K^- D^{*0}\eta_c)$	4589	4573	1	11283

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^*\bar{K}^*K^+, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\eta K^*\bar{K}^*\bar{K}^*K^+\bar{\Delta}^+\Sigma_c^{*+})$	4590	4574	1	11284
4592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-K^0\bar{K}^0D^{*+}D^{*+})$	4591	4575	1	11285
4593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-D^{*+}D_{s1}'^-)$	4592	4576	1	11286
4594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta' D^-, B^0 \to \pi^+\rho^+\rho^-K^+K^-D^-$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-K^+K^-\eta' D^-D^-)$	4593	4577	1	11287
4595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+D^-D^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^+D^-D^0\bar{\Delta}^0\Sigma_c^+)$	4594	4578	1	11288
4596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^+D^+\bar{D}^{*-}D^0D_s^{*-})$	4595	4579	1	11289
4597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\eta\omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta\omega D^-\bar{p}\Lambda_c^+)$	4596	4580	1	11290
4598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to D^{*+}\bar{p}\Sigma^0$ $(e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^+\bar{p}\Sigma^0)$	4597	4581	1	11291
4599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^*D^+D^-\bar{D}^{*-}\bar{n}p)$	4598	4582	1	11292
4600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-}D_s^{*+})$	853	852	1	11293
4601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0D_s^+)$	4600	4584	1	11294
4602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0D^+D^-D^{*+})$	4601	4585	1	11295
4603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+K^*K^-D^+\bar{D}^{*-})$	4602	4586	1	11296
4604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\rho^-K^+D^+\bar{D}^{*-}D^{*0}n\bar{p})$	4603	4587	1	11297
4605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0K^{*+}D^-D^{*+}D_{s1}'^-)$	4604	4588	1	11298
4606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega\omega K^+D^0\bar{D}^{*0})$	4605	4589	1	11299
4607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\omega D^+D^-p\bar{p})$	854	853	1	11300

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D^0\bar{D}^{*0})$	4607	4591	1	11301
4609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to \pi^+\pi^+\omega\bar{D}^{*-}n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\omega\bar{D}^{*-}D_2^{*-}D_s^{*+}n\bar{p})$	4608	4592	1	11302
4610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D^{*0}D_s^{*-})$	4609	4593	1	11303
4611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^+\rho^-K^0\bar{K}^0, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0D^{*+})$	4610	4594	1	11304
4612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^-D^{*0}\bar{\Lambda}\Sigma_c^+)$	4611	4595	1	11305
4613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-})$	4612	4596	1	11306
4614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^0\bar{D}^{*0}D_s^+D_s^-)$	4613	4597	1	11307
4615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0\bar{K}^0K^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0\bar{K}^0K^*K^+K^+K^-D^+\bar{D}^{*-})$	4614	4598	1	11308
4616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to K^0D^+\bar{D}^{*-}D^{*0}n\bar{\Delta}^0)$	4615	4599	1	11309
4617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^0)$	187	187	1	11310
4618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0$ $(e^+e^- \to \tau^+\nu_\tau\omega\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^0)$	4617	4601	1	11311
4619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\omega D^-D^{*+}D_s^-)$	4618	4602	1	11312
4620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	4619	4603	1	11313
4621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0K^*K^{*-}D^{*+}\gamma$ $(e^+e^- \to \pi^0\rho^+K^*K^{*-}D^-D^{*+}\gamma)$	4620	4604	1	11314
4622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, B^0 \to K^+K^-D^-D_s^{*+}$ $(e^+e^- \to \pi^+K^+K^-D^-D_s^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	4621	4605	1	11315
4623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^-D^{*+}\bar{D}^{*-})$	856	855	1	11316
4624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-K^*D^+D^{*+}\bar{D}^{*0})$	4623	4607	1	11317

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 K^{*+}K^{*-}D^+D^{*+}\bar{D}^{*-}\gamma)$	4624	4608	1	11318
4626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^{*+}D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0 K^- K^{*+}D^+D^-\bar{D}^{*0})$	4625	4609	1	11319
4627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\omega D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\omega D^-\bar{D}^{*-})$	4626	4610	1	11320
4628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\bar{K}^* K^+D^+D^-)$	4627	4611	1	11321
4629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- K^+K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^- K^+K^{*-}D^+\bar{D}^{*-})$	4628	4612	1	11322
4630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	4629	4613	1	11323
4631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^-\bar{D}^{*0}a_1^+)$	4630	4614	1	11324
4632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-D_s^+, \bar{B}^0 \to \omega\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0\omega D^-D_s^+\bar{n}\Xi_c'^0)$	4631	4615	1	11325
4633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^{*+}D_s^-)$	4632	4616	1	11326
4634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^-\rho^+\eta K^* K^{*-}D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta K^* K^{*-}D^{*+}D^{*+}a_1^-)$	4633	4617	1	11327
4635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-\omega D^+D^-)$	857	856	1	11328
4636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega K^0 D^+D^{*+}\bar{D}^{*-})$	4635	4619	1	11329
4637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0 D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^+\eta D^-D^{*+}\Delta^0\bar{\Delta}^+)$	4636	4620	1	11330
4638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \rho^0\bar{K}^0 J/\psi$ $(e^+e^- \to \rho^0\bar{K}^0 K^{*+}D^-D^0 J/\psi)$	4637	4621	1	11331
4639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	858	857	1	11332
4640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+D_2^{*-}D_s^+a_1^-)$	4639	4623	1	11333
4641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^* K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^+K^* K^{*-}D^+\bar{D}^{*-})$	4640	4624	1	11334

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^{*+}D^-D^0D_s^-)$	4641	4625	1	11335
4643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*+}\bar{D}^{*-}\bar{n}\Sigma^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^{*+}D^+\bar{D}^{*-}\bar{n}\Sigma^-)$	4642	4626	1	11336
4644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}\Lambda\bar{\Sigma}^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}\Lambda\bar{\Sigma}^-)$	4643	4627	1	11337
4645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^0D^-D^0J/\psi)$	4644	4628	1	11338
4646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{p}\Lambda_c^+)$	4645	4629	1	11339
4647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+D^{*+}D_s^-)$	4646	4630	1	11340
4648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+K^*D^-D^{*+}D^0D_s^-)$	4647	4631	1	11341
4649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to D_s^+\bar{n}\Sigma^-$ $(e^+e^- \to e^+\nu_eX_u^-D_s^+\bar{n}\Sigma^-)$	4648	4632	1	11342
4650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega K^0\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega K^0\bar{K}^*D^-D^0p\bar{p})$	4649	4633	1	11343
4651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	4650	4634	1	11344
4652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}D^0D_s^-)$	4651	4635	1	11345
4653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0D^-\bar{D}^{*-}\bar{n}\bar{\Delta}^0p\Delta^+)$	4652	4636	1	11346
4654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	4653	4637	1	11347
4655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Sigma^{*-}\bar{\Lambda}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta' D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta' D^+D^{*+}\Sigma^{*-}\bar{\Lambda})$	859	858	1	11348
4656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-K^+D^+D^{*+}\bar{D}^{*-})$	4655	4639	1	11349
4657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*K^+\bar{D}^{*-}D^0D_s^-)$	4656	4640	1	11350
4658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^*D^+n\bar{\Sigma}_c^0)$	4657	4641	1	11351

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+K^0K^-\eta' D^0$ $(e^+e^- \to \pi^+\rho^-K^0K^-\eta' D^0 p\bar{\Sigma}_c^0)$	4658	4642	1	11352
4660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^-)$	4659	4643	1	11353
4661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}a_0^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^{*+}D^{*+}a_0^0)$	860	859	1	11354
4662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{\Delta}^+\Sigma_c^{*+}D_1'^-)$	4661	4645	1	11355
4663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}D_s^-)$	4662	4646	1	11356
4664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	4663	4647	1	11357
4665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\omega\bar{K}^*K^+D^+D^-)$	4664	4648	1	11358
4666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^*J/\psi, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*K^+K^{*-}D^{*+}J/\psi)$	4665	4649	1	11359
4667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}D^{*+}\bar{D}^{*0}D_s^-)$	4666	4650	1	11360
4668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \omega\bar{D}^{*-}\bar{\Lambda}\Sigma^+$ $(e^+e^- \to \omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^+)$	4667	4651	1	11361
4669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^{*+})$	4668	4652	1	11362
4670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-D_s^{*+})$	4669	4653	1	11363
4671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^0D^{*+}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^*D^-D^{*+}D^{*+})$	861	860	1	11364
4672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta K^*D^+D_s^{*-})$	4671	4655	1	11365
4673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	4672	4656	1	11366
4674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Sigma}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Sigma}^0)$	4673	4657	1	11367
4675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega D^{*+}D_s^+D_1^-)$	4674	4658	1	11368

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\eta', B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_L\eta'\bar{D}^{*-})$	4675	4659	1	11369
4677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, B^0 \to \pi^+\rho^-\omega K^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^0\bar{D}^0\Delta^+\bar{\Sigma}_c^{--})$	4676	4660	1	11370
4678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^+D^-\bar{D}^{*-}D_s^+)$	45	45	1	11371
4679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-D^{*+}D_1^-)$	4678	4662	1	11372
4680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+D^-D^-)$	4679	4663	1	11373
4681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Xi_c'^+, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{\Delta}^0\bar{p}\Lambda_c^+\Xi_c'^+)$	4680	4664	1	11374
4682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}n\bar{n})$	4681	4665	1	11375
4683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\omega\omega K^{*+}D^+\bar{D}^{*0})$	4682	4666	1	11376
4684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	4683	4667	1	11377
4685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\eta_c, B^0 \to \pi^0D^-D_s^+$ $(e^+e^- \to \pi^0K^*D^-D_s^+\eta_c)$	4684	4668	1	11378
4686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta K^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\eta\eta K^{*-}\bar{D}^{*-})$	189	189	1	11379
4687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^*D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	190	190	1	11380
4688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0K^+D^-D^{*+})$	46	46	1	11381
4689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\rho^+\rho^-K^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega K^-D^+D^{*0})$	4688	4672	1	11382
4690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	4689	4673	1	11383
4691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to e^+\nu_e\rho^-D^{*+}n\bar{n}D_1^-)$	4690	4674	1	11384
4692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\rho^+K^+K^-D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	4691	4675	1	11385

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\bar{D}^{*0}\bar{n}p, \bar{B}^0 \to \rho^0\pi^-\eta\eta K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\eta\eta K^+K^-D^{*+}\bar{D}^{*0}\bar{n}p)$	4692	4676	1	11386
4694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+K^-D^+D^{*0}\bar{D}^{*0})$	4693	4677	1	11387
4695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\eta\omega K^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\eta\omega\omega K^0\bar{K}^0\bar{D}^{*-}D^0)$	4694	4678	1	11388
4696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^-\bar{D}^{*0}D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}D_s^+D_0^{*-})$	4695	4679	1	11389
4697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+K^0\bar{K}^*D^+\bar{D}^{*-})$	192	192	1	11390
4698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+, \bar{B}^0 \to \pi^-\rho^+\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0D^+)$	4697	4681	1	11391
4699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\omega, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\rho^+\omega D^{*+})$	4698	4682	1	11392
4700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta\omega D^-D^{*+}a_1^+)$	4699	4683	1	11393
4701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^0\rho^0\pi^+\omega K^-D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\omega K^-\bar{D}^{*-}D^0p\bar{p})$	4700	4684	1	11394
4702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-K^+D^+\bar{D}^0D^{*0}D_s^{*-})$	4701	4685	1	11395
4703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\eta D^-D^{*+})$	4702	4686	1	11396
4704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^+D^-, \bar{B}^0 \to \pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^+D^-D^{*0})$	4703	4687	1	11397
4705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \omega\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^0D^+D^0\bar{D}^{*0})$	4704	4688	1	11398
4706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{\Delta}^+\Sigma_c^{*0}D_0^{*-})$	4705	4689	1	11399
4707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^+D^{*+}\bar{D}^{*-})$	4706	4690	1	11400
4708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta K^*D^+D^+\bar{D}^{*-})$	4707	4691	1	11401
4709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^-\eta\bar{K}^0D_s^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta\eta\bar{K}^0D^-D_s^+)$	4708	4692	1	11402

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to \pi^+D^-p\bar{p}$ $(e^+e^- \to \pi^+D^-D_2^{*-}D_s^{*+}p\bar{p})$	4709	4693	1	11403
4711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-D^+D^+D_s^{*-})$	4710	4694	1	11404
4712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta D^-D^{*+})$	4711	4695	1	11405
4713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	4712	4696	1	11406
4714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-})$	4713	4697	1	11407
4715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\eta\omega D^-D^{*+}a_1^-)$	4714	4698	1	11408
4716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^+K^-D^-\psi')$	4715	4699	1	11409
4717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0D^{*+}D_s^-\bar{p}\Sigma_c^+)$	4716	4700	1	11410
4718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^-D^+D^-)$	4717	4701	1	11411
4719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega\omega D^-\bar{D}^{*-})$	4718	4702	1	11412
4720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+D^+D^-D_s^{*-})$	4719	4703	1	11413
4721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^*D^{*+}D_1^-)$	4720	4704	1	11414
4722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{*0}, B^0 \to \pi^+K^+K^-D^-$ $(e^+e^- \to \pi^+\bar{K}^0K^+K^-D^-\Delta^0\bar{\Xi}_c^{*0})$	4721	4705	1	11415
4723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	4722	4706	1	11416
4724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^+D^+D_s^{*-})$	4723	4707	1	11417
4725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c1}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK_SD^{*+}\chi_{c1})$	4724	4708	1	11418
4726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^{*+}, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c'^0$ $(e^+e^- \to \pi^0\bar{K}^0D^-D_s^{*+}\Delta^0\bar{\Xi}_c'^0)$	4725	4709	1	11419

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\omega K^0D^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\omega K^0D^-\bar{D}^{*-}D^0)$	4726	4710	1	11420
4728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \rho^0\pi^+\rho^+K^-D^+D^-\bar{D}^{*-})$	47	47	1	11421
4729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-K^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-K^*K^-D^+D^-)$	4728	4712	1	11422
4730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^+K^-K^{*-}D^-D^{*+}\bar{D}^{*0})$	4729	4713	1	11423
4731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\pi^+\bar{D}^{*-}D^{*0})$	4730	4714	1	11424
4732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_eD_1^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}D_1^-)$	4731	4715	1	11425
4733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\rho^+K^-\bar{D}^0$ $(e^+e^- \to \rho^0\rho^+K^0K^-\bar{D}^0\Lambda_c^+\bar{\Lambda}_c^-)$	4732	4716	1	11426
4734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0D^+D_s^{*-}J/\psi K_1^0)$	194	194	1	11427
4735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^0\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^+K^-\bar{D}^{*-}D^0\bar{D}^0)$	4734	4718	1	11428
4736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta K^0\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\eta K^0D^{*+}\bar{D}^0)$	4735	4719	1	11429
4737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}D^{*0})$	869	868	1	11430
4738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\eta_c, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta K^0D^{*+}\eta_c)$	4737	4721	1	11431
4739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^0\pi^0D^-D^{*+})$	4738	4722	1	11432
4740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+n\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^+D_2^{*+}n\bar{\Sigma}_c^-)$	4739	4723	1	11433
4741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	4740	4724	1	11434
4742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\eta\bar{K}^0D^-D^-D^{*+}D_s^+)$	4741	4725	1	11435
4743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0n\bar{n})$	4742	4726	1	11436

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-}J/\psi)$	4743	4727	1	11437
4745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}D_0^{*-})$	4744	4728	1	11438
4746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \rho^0\pi^+\rho^- K^*$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^- K^* D_1^-)$	4745	4729	1	11439
4747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta K^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0K^+K^- D^{*+}\bar{D}^{*0})$	4746	4730	1	11440
4748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^{*-}D^+\bar{D}^{*-})$	870	869	1	11441
4749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^-)$	871	870	1	11442
4750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^0\bar{D}^0\bar{D}^0)$	4749	4733	1	11443
4751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^+\bar{D}^0, \bar{B}^0 \to \rho^-\bar{K}^0\bar{K}^0K^+\eta'$ $(e^+e^- \to \pi^-\pi^-\rho^-\bar{K}^0\bar{K}^0K^+K^+\eta'D^+\bar{D}^0)$	4750	4734	1	11444
4752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\omega K^*K^-D^+D^-)$	4751	4735	1	11445
4753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-D_2^{*+}\bar{D}^0D_s^{*+}D_s^{*-})$	4752	4736	1	11446
4754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D^-D_s^-\bar{n}p)$	4753	4737	1	11447
4755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\rho^-D^-D_1^+)$	4754	4738	1	11448
4756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^{*+}\eta_c, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega K^{*+}D^+\eta_c)$	4755	4739	1	11449
4757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0D^-\Delta^-\bar{\Sigma}^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^-\bar{D}^{*0}\Delta^-\bar{\Sigma}^+)$	4756	4740	1	11450
4758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-})$	4757	4741	1	11451
4759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^+\eta\eta D^+\bar{D}^{*-}n\bar{p})$	4758	4742	1	11452
4760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-\bar{K}^*\bar{D}^{*-}\eta_c)$	4759	4743	1	11453

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-D^{*+}D_s^-)$	4760	4744	1	11454
4762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}D^{*0})$	4761	4745	1	11455
4763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	4762	4746	1	11456
4764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0\pi^0D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^*D^+J/\psi\Delta^+\bar{\Delta}^{++})$	872	871	1	11457
4765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^*K^*\bar{K}^*K^{*-}D^+\bar{D}^{*-})$	4764	4748	1	11458
4766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^0\bar{K}^*K^+K^+K^-D^+\bar{D}^{*-})$	4765	4749	1	11459
4767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^+)$	4766	4750	1	11460
4768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \rho^+\bar{K}^*D^-D^-D^{*+}\gamma)$	4767	4751	1	11461
4769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-K^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-K^+K^-K^{*+}K^{*-}D^+D^-\bar{D}^0)$	4768	4752	1	11462
4770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^-\eta K^+K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^+K^{*-}D^-D^{*+})$	873	872	1	11463
4771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\omega K^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta\omega K^+D^{*+})$	4770	4754	1	11464
4772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}n\bar{p})$	4771	4755	1	11465
4773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^0D^+n\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^+D^-n\bar{\Sigma}^-)$	4772	4756	1	11466
4774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D^-, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+K^-D^+D^-\chi_{c1})$	874	873	1	11467
4775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\omega K^0\bar{\Lambda}\Sigma^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta\omega K^0D^{*+}\bar{\Lambda}\Sigma^+)$	4774	4758	1	11468
4776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	4775	4759	1	11469
4777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^0D^{*+}D_s^{*+}D_s^{*-})$	875	874	1	11470

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+}\bar{n}\Sigma_c^0)$	4777	4761	1	11471
4779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+ D^- D^0 D_s^-)$	4778	4762	1	11472
4780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^* D^+ D^-, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to K^* D^+ D^- \bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	195	195	1	11473
4781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^* D^+ D^-)$	4780	4764	1	11474
4782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to K^* D^{*+}\bar{D}^{*-} D^0 n\bar{\Delta}^0)$	4781	4765	1	11475
4783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\bar{K}^*\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\bar{K}^*\bar{D}^0 D^{*0}\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	877	876	1	11476
4784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^{*-})$	4783	4767	1	11477
4785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^- D^{*+} D^{*+})$	4784	4768	1	11478
4786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*0} D_s^- p\bar{p})$	4785	4769	1	11479
4787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+} D^- D^0, B^0 \to \pi^- K^0 D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^- K^0 K^{*+} D^+ D^- D^0\bar{D}^{*0})$	4786	4770	1	11480
4788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^0\Sigma^0\bar{\Sigma}^0)$	4787	4771	1	11481
4789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ D^+ D^-, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^-\rho^+ D^+ D^- D_2^{*+} D_s^-)$	4788	4772	1	11482
4790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^* D^+ D^- D^{*+})$	4789	4773	1	11483
4791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^+ D^-)$	4790	4774	1	11484
4792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \bar{K}^0 K^+ D^{*0} D_s^-$ $(e^+e^- \to \pi^+\bar{K}^0 K^+\eta'\bar{D}^{*-} D^{*0} D_s^- n\bar{n})$	4791	4775	1	11485
4793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta D^- D^{*+})$	4792	4776	1	11486
4794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+\phi, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\eta K^+\phi D^{*+})$	4793	4777	1	11487

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta D^-\bar{D}^{*-})$	4794	4778	1	11488
4796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\gamma)$	4795	4779	1	11489
4797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^-\omega K^0\bar{K}^*D^+D^{*+}a_1^-)$	4796	4780	1	11490
4798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-})$	4797	4781	1	11491
4799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0D^{*+}\bar{D}^{*-})$	4798	4782	1	11492
4800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-K^0\bar{K}^*D^+D^-)$	4799	4783	1	11493
4801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	4800	4784	1	11494
4802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^-\eta\eta D^+D^-D_{s1}'^+)$	4801	4785	1	11495
4803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\bar{K}^*K^+D^-D_2^{*+})$	4802	4786	1	11496
4804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \omega\omega K^*K^-D^+p\bar{\Sigma}_c^-)$	4803	4787	1	11497
4805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*0})$	4804	4788	1	11498
4806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*0}D_s^+)$	4805	4789	1	11499
4807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	4806	4790	1	11500
4808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Sigma}^0, B^0 \to \pi^0\pi^0\rho^0\rho^-\omega K^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega K^+\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Sigma}^0)$	4807	4791	1	11501
4809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega\omega\omega D^+\bar{D}^{*-})$	4808	4792	1	11502
4810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+D^-D_s^-)$	878	877	1	11503
4811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*-}D_{s1}'^+)$	4810	4794	1	11504

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^+a_0^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega D^-a_0^-)$	4811	4795	1	11505
4813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \rho^+D_2^{*-}D_s^{*+}\bar{p}\Sigma_c^0)$	4812	4796	1	11506
4814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-D^+D^-n\bar{\Delta}^0a_1^+)$	4813	4797	1	11507
4815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\bar{D}^0D_s^+, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^*K^-D^{*+}\bar{D}^0D_s^+)$	4814	4798	1	11508
4816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^-D^+D^-\bar{\Delta}^-n\bar{p}\Delta^+)$	4815	4799	1	11509
4817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \pi^+\omega K^-K^-\eta' D_s^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^-K^-\eta' D^{*+}D_s^+)$	4816	4800	1	11510
4818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^{*+}J/\psi, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}\bar{D}^{*-}J/\psi)$	4817	4801	1	11511
4819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-K^+D^{*+}\bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}\bar{p}\Lambda)$	4818	4802	1	11512
4820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+\Sigma^{*0}\bar{\Sigma}^{*-}$ $(e^+e^- \to \bar{K}^*D^+D^{*+}\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*-})$	4819	4803	1	11513
4821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \omega D^+\bar{D}^0D_s^{*-})$	879	878	1	11514
4822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega D^+\bar{D}^{*-})$	4821	4805	1	11515
4823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+\Sigma^0\bar{\Sigma}^-)$	4822	4806	1	11516
4824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega K^{*+}K^{*-}D^+D^-)$	4823	4807	1	11517
4825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \omega\bar{K}^*D^{*0}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0)$	4824	4808	1	11518
4826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\omega D^-D_2^{*+})$	4825	4809	1	11519
4827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to \tau^+\nu_\tau K^+D^-\bar{D}^{*-}D^0)$	4826	4810	1	11520
4828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to K^+\bar{\Delta}^+\Omega_c^{*0}$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^0K^+D^-\bar{\Delta}^+\Omega_c^{*0})$	4827	4811	1	11521

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^+\bar{D}^0)$	4828	4812	1	11522
4830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \eta K^*K^-D^{*+}$ $(e^+e^- \to \eta K^*K^-D^-D^{*+}D_{s0}^{*+})$	880	879	1	11523
4831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^+\rho^-\eta D^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^{*+}D^-\bar{D}^{*-}D^{*0})$	4830	4814	1	11524
4832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	4831	4815	1	11525
4833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^{--})$	4832	4816	1	11526
4834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta' D^-D^{*+}a_1^+)$	4833	4817	1	11527
4835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \eta K^{*-}D_s^{*+}$ $(e^+e^- \to e^+\nu_e\eta K^{*-}D^-D_s^{*+})$	881	880	1	11528
4836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-K^-D^+\bar{D}^{*-})$	4835	4819	1	11529
4837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D^-D^{*+}n\bar{n})$	4836	4820	1	11530
4838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^{*-}\bar{D}^{*-}D^0\bar{D}^0)$	4837	4821	1	11531
4839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}n\bar{n})$	4838	4822	1	11532
4840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\bar{K}^*D^+D^-D^{*+})$	4839	4823	1	11533
4841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \tau^+\nu_\tau K_2^{*0}\bar{D}^{*-}J/\psi)$	4840	4824	1	11534
4842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta' D^-, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega\eta' D^-\bar{\Delta}^+\Sigma_c^{*+})$	4841	4825	1	11535
4843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to \rho^-K^+K^{*-}D^+$ $(e^+e^- \to \rho^-\eta K^+K^{*-}D^+D^-\bar{n}p)$	4842	4826	1	11536
4844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-\eta D^{*0}\bar{D}^{*0}D_s^{*+}\Delta^0\bar{\Delta}^0)$	196	196	1	11537
4845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-K^+D^{*+}\chi_{c0})$	4844	4828	1	11538

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^{*-}D^-D^{*+})$	4845	4829	1	11539
4847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^0D_s^{*-}\Delta^+\bar{\Delta}^+)$	4846	4830	1	11540
4848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D_0^{*-}D_1^-)$	4847	4831	1	11541
4849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0})$	4848	4832	1	11542
4850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	4849	4833	1	11543
4851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^+K^-\bar{D}^{*-}D_1'^+)$	4850	4834	1	11544
4852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \omega K^0\bar{K}^0D^-D^{*+}\eta_c)$	883	882	1	11545
4853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+\gamma, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \bar{K}^0D^-\Lambda_c^+\bar{\Lambda}_c^-D_{s1}'^+\gamma)$	4852	4836	1	11546
4854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-})$	4853	4837	1	11547
4855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	4854	4838	1	11548
4856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{n}\Sigma_c^0)$	4855	4839	1	11549
4857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\omega D^-\bar{D}^{*-})$	4856	4840	1	11550
4858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\omega\bar{K}^*K^+D^-D^{*+})$	4857	4841	1	11551
4859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*0})$	4858	4842	1	11552
4860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	4859	4843	1	11553
4861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-})$	4860	4844	1	11554
4862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta D^-D^{*+}D^{*+})$	4861	4845	1	11555

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to \pi^0\pi^- D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^-\omega K^0 D^+\eta_c\Delta^{++}\bar{\Delta}^{++})$	4862	4846	1	11556
4864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+ D^0$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^0\pi^+ D^{*+}D^0)$	4863	4847	1	11557
4865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^0 K^{*-}D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^0 K^{*-}D^0 D_1'^-)$	884	883	1	11558
4866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^- D^+D^-, B^0 \to \pi^0\rho^+\bar{D}^{*-}\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ D^+D^-\bar{D}^{*-}\bar{\Lambda}\Sigma^0)$	4865	4849	1	11559
4867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^{*+}\eta_c, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^0 K^{*+}\bar{D}^{*-}D^{*0}\eta_c)$	4866	4850	1	11560
4868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1'^+ D_{s1}'^+)$	4867	4851	1	11561
4869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \eta D^+ n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\eta D^+D^- n\bar{p})$	4868	4852	1	11562
4870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^+, \bar{B}^0 \to D^0\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to K^0K^-D^+D^0\bar{\Delta}^0\Sigma^0)$	4869	4853	1	11563
4871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^{*-}D^+\bar{D}^{*-})$	4870	4854	1	11564
4872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^-\bar{K}^0K^{*+}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0K^{*+}\bar{n}\Sigma_c^+)$	4871	4855	1	11565
4873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0K^*D^+\bar{D}^{*-})$	4872	4856	1	11566
4874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{K}^0D^{*+}\eta_c)$	4873	4857	1	11567
4875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^*D^+J/\psi)$	4874	4858	1	11568
4876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{D}^0D^{*0}D_s^{*+})$	4875	4859	1	11569
4877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^0D^{*+}D_s^-D_s^{*+}D_{s1}'^-)$	4876	4860	1	11570
4878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-)$	4877	4861	1	11571
4879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^0 n\bar{n}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{D}^{*-}D^0 n\bar{n})$	197	197	1	11572

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}, \bar{B}^0 \to \rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-\rho^-\eta D^+D^{*+})$	886	885	1	11573
4881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e J/\psi K_1^0 D_1^+)$	4880	4864	1	11574
4882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega D^- D^{*0} D_s^+)$	4881	4865	1	11575
4883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	4882	4866	1	11576
4884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^0 D^+ D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	4883	4867	1	11577
4885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^{*-}D^+D^{*0})$	887	886	1	11578
4886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0 K^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0 K^0 D^+ D_2^{*-} D_s^{*+} D_s^{*-})$	4885	4869	1	11579
4887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to K_S\chi_{c1}$ $(e^+e^- \to \pi^0\rho^0\pi^+ K_S D^-\chi_{c1})$	4886	4870	1	11580
4888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^{*+}D^-D^{*+}D^{*0})$	4887	4871	1	11581
4889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^- K^0 D^+ D^- D^{*+})$	4888	4872	1	11582
4890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega K^- K^{*+}D^{*+}\bar{D}^{*-})$	4889	4873	1	11583
4891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+ D^+\bar{D}^{*-}D^0)$	4890	4874	1	11584
4892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\eta D^{*+}\bar{D}^{*-} n\bar{p})$	4891	4875	1	11585
4893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0 D^{*+} D_1^-)$	4892	4876	1	11586
4894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 K^* K^-, \bar{B}^0 \to \pi^- D_0^{*+}$ $(e^+e^- \to \pi^+\pi^- K^0 K^* K^- D_0^{*+})$	4893	4877	1	11587
4895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta' D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta' D^- D^{*+})$	4894	4878	1	11588
4896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- K^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^- D^{*+}\bar{D}^{*-}a_1^+)$	4895	4879	1	11589

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\bar{D}^{*-}\bar{\Delta}^-\Delta^+, \bar{B}^0 \to \pi^+\omega D^0\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \pi^+\pi^-\eta\omega\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^+\bar{\Delta}^+\Sigma^0)$	4896	4880	1	11590
4898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^-D^-\psi')$	4897	4881	1	11591
4899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^{*-}, \bar{B}^0 \to \bar{K}^*\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \bar{K}^*\bar{D}^0\Delta^+\Delta^{++}\bar{\Delta}^{++}\bar{\Sigma}^{*-})$	4898	4882	1	11592
4900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0\eta'D^-\bar{D}^{*-}D^0)$	4899	4883	1	11593
4901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \rho^+K^{*-}\eta_c$ $(e^+e^- \to e^+\nu_e\rho^+K^{*-}D_2^{*-}\eta_c)$	4900	4884	1	11594
4902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^-K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_s^{*+})$	4901	4885	1	11595
4903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \omega D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to e^+\nu_e\omega D^+\Sigma^-\bar{\Sigma}^0D_1^-)$	4902	4886	1	11596
4904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-})$	4903	4887	1	11597
4905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta D^+D^-)$	4904	4888	1	11598
4906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}\gamma$ $(e^+e^- \to \pi^0\rho^+\eta D^{*+}\bar{D}^{*-}\Delta^-\bar{n}\gamma)$	4905	4889	1	11599
4907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	4906	4890	1	11600
4908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to K^*D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK^*D^+\bar{D}^{*-}D_1^-)$	4907	4891	1	11601
4909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^-D^-D^{*+}D^{*+})$	4908	4892	1	11602
4910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{n})$	888	887	1	11603
4911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D^-D_s^-\bar{\Delta}^-\Delta^0)$	4910	4894	1	11604
4912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-K^-K^{*+}K^{*+}D^+D^-D^{*0})$	4911	4895	1	11605
4913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Sigma_c^+)$	889	888	1	11606

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{n}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}n\bar{n})$	4913	4897	1	11607
4915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*-})$	890	889	1	11608
4916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	4915	4899	1	11609
4917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+\bar{D}^{*-}a_1^+)$	4916	4900	1	11610
4918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\omega D^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega D^-D^0)$	4917	4901	1	11611
4919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta K^+K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta K^+K^{*-}D^+\bar{D}^{*-})$	4918	4902	1	11612
4920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-D^{*+}\bar{D}^{*-}\gamma)$	4919	4903	1	11613
4921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-\bar{D}^0)$	4920	4904	1	11614
4922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Xi_c^+$ $(e^+e^- \to \rho^0\rho^+\rho^-D^-\bar{\Delta}^0\Xi_c^+)$	4921	4905	1	11615
4923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0\bar{K}^0D^{*+}D^{*+})$	4922	4906	1	11616
4924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to K^*D^{*+}D_{s0}^{*-}\psi')$	891	890	1	11617
4925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^-\Delta^+\bar{\Xi}_c^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^-\Delta^+\bar{\Xi}_c^0)$	4924	4908	1	11618
4926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\eta\omega\bar{D}^{*-}D_1'^+)$	4925	4909	1	11619
4927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{K}^0K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\bar{K}^0K^{*+}D^+\bar{D}^{*0})$	892	891	1	11620
4928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0K^*J/\psi, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^*D^0D_s^-J/\psi)$	893	892	1	11621
4929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+K^*D^-D^{*+}\bar{D}^{*-})$	4928	4912	1	11622
4930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}D_{s0}^{*+})$	4929	4913	1	11623

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0D^-, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \rho^0\pi^+K^0K_2^{*0}D^-J/\psi)$	4930	4914	1	11624
4932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-D^0)$	4931	4915	1	11625
4933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\bar{D}^{*-}D^{*0}a_1^+\gamma)$	4932	4916	1	11626
4934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+D^-D^-)$	894	893	1	11627
4935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	198	198	1	11628
4936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^+D^-)$	4935	4919	1	11629
4937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}D^+\bar{D}^{*-}, B^0 \to K^0K^+K^-\eta_c$ $(e^+e^- \to \pi^-K^0K^+K^-K^{*+}D^+\bar{D}^{*-}\eta_c)$	4936	4920	1	11630
4938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^0)$	4937	4921	1	11631
4939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	4938	4922	1	11632
4940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*n\bar{n}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \bar{K}^*D^0n\bar{n}p\bar{\Delta}^+)$	4939	4923	1	11633
4941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+})$	896	895	1	11634
4942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^0K^0\bar{K}^0K^+D_s^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^0K^*K^+D^{*+}\bar{D}^{*-}D_s^{*-})$	4941	4925	1	11635
4943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^-\pi^-\pi^-D^+\bar{\Sigma}^+\Sigma^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-D^+D^+D_s^{*-}\bar{\Sigma}^+\Sigma^{*+}\gamma)$	4942	4926	1	11636
4944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\omega K^0K^-D^+D^-)$	897	896	1	11637
4945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\omega K^+K^-D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\omega K^+K^-D^+D^{*+})$	4944	4928	1	11638
4946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+K^0\bar{K}^0D^-\bar{D}^0)$	4945	4929	1	11639
4947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega K^-D^-\bar{D}^{*0})$	4946	4930	1	11640

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \omega D^{*+}D_s^- n\bar{\Sigma}_c^0)$	4947	4931	1	11641
4949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^*K^-D^{*+}\bar{D}^0\psi')$	898	897	1	11642
4950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-\omega D^-D_1^-)$	4949	4933	1	11643
4951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	4950	4934	1	11644
4952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^+\eta K^0K^-D^+$ $(e^+e^- \to \pi^-\rho^+\eta K^0K^-D^+\bar{D}^{*-}a_1^+)$	4951	4935	1	11645
4953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{n}\Delta^0$ $(e^+e^- \to \omega\bar{K}^0K^+\bar{D}^{*-}D^{*0}\bar{n}\Delta^0)$	4952	4936	1	11646
4954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0D^+D^-)$	4953	4937	1	11647
4955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+\gamma, B^0 \to \pi^0\pi^+K^+K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^+K^+K^{*-}D^-\bar{D}^{*-}\bar{n}\Delta^+\gamma)$	899	898	1	11648
4956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta K^+K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta K^+K^-D^+\bar{D}^{*-}D_s^+)$	4955	4938	1	11649
4957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'D^-, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^+\omega\bar{K}^*\eta'D^-\psi')$	4956	4939	1	11650
4958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	4957	4940	1	11651
4959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^+D^-)$	4958	4941	1	11652
4960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\omega\bar{K}^*\eta'D^-D^-D^{*0})$	4959	4942	1	11653
4961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-})$	4960	4943	1	11654
4962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \bar{D}^0p\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-}\bar{D}^0p\bar{\Delta}^+)$	4961	4944	1	11655
4963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^{*-}J/\psi D_1^+)$	4962	4945	1	11656
4964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*-})$	4963	4946	1	11657

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^-D^{*0}\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0K^-\bar{D}^{*-}D^{*0}\bar{\Sigma}^0\Sigma^+)$	4964	4947	1	11658
4966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0K^*D^-D^{*+}\bar{D}^{*-})$	900	899	1	11659
4967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*0})$	4966	4949	1	11660
4968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega\omega D^-D^{*+})$	4967	4950	1	11661
4969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\omega D^0\bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+}D^0\bar{p}\Lambda)$	4968	4951	1	11662
4970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^*D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-K^0\bar{K}^*D^0\bar{D}^{*0})$	4969	4952	1	11663
4971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eD_2^{*-}D_s^{*+}D_1^+)$	4970	4953	1	11664
4972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^0)$	199	199	1	11665
4973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	4972	4955	1	11666
4974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\eta'D^+D^{*+}D_s^-)$	4973	4956	1	11667
4975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0\bar{K}^*D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0\bar{K}^*\bar{D}^{*-}D^0)$	4974	4957	1	11668
4976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{K}^*, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^*\bar{K}_1^0\psi(3770))$	4975	4958	1	11669
4977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*-})$	4976	4959	1	11670
4978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Xi}_c^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}n\bar{\Xi}_c^{*-})$	4977	4960	1	11671
4979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \rho^0\bar{n}\Xi_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{n}\Xi_c^0)$	4978	4961	1	11672
4980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+\Delta^-\bar{\Delta}^0)$	4979	4962	1	11673
4981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^-D^{*+})$	4980	4963	1	11674

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \pi^0 D_2^{*-}D_s^+\bar{\Delta}^0\Xi_c^{*0})$	4981	4964	1	11675
4983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+})$	4982	4965	1	11676
4984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^-\eta D^+\bar{D}^{*-}D_{s1}'^+)$	4983	4966	1	11677
4985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta\eta D^+D^-)$	4984	4967	1	11678
4986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	902	901	1	11679
4987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\omega\bar{K}^0K^*D^+D^{*+})$	4986	4969	1	11680
4988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+K^-\bar{D}^0D^{*0}, \bar{B}^0 \to \eta\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\eta\bar{K}^0K^-D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0})$	4987	4970	1	11681
4989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	4988	4971	1	11682
4990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\omega D^-D^{*0})$	4989	4972	1	11683
4991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-})$	903	902	1	11684
4992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\eta\omega D^{*+}D_1'^+)$	4991	4974	1	11685
4993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+, \bar{B}^0 \to \rho^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-\rho^-\eta\bar{K}^0K^+D^+D^{*+})$	4992	4975	1	11686
4994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_1^+\gamma)$	4993	4976	1	11687
4995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to D^-D^{*+}D_s^+a_1^-\gamma)$	4994	4977	1	11688
4996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta\eta\eta D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\eta\eta\eta\bar{D}^{*-}D^0)$	4995	4978	1	11689
4997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-D^-\bar{\Delta}^0\Sigma_c^{*+})$	4996	4979	1	11690
4998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}D^0)$	4997	4980	1	11691

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
4999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*-})$	4998	4981	1	11692
5000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	4999	4982	1	11693
5001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}D_s^{*+}D_1^-)$	5000	4983	1	11694
5002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\bar{K}^*\bar{D}^{*0}J/\psi)$	904	903	1	11695
5003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Xi}_c'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}p\bar{\Xi}_c'^-)$	5002	4985	1	11696
5004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-})$	905	904	1	11697
5005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-K^*K^+K^-, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*K^*K^+K^-K^-D^{*+})$	5004	4987	1	11698
5006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-D^+\Delta^-\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Delta^-\bar{p})$	5005	4988	1	11699
5007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+D^-D^{*+})$	5006	4989	1	11700
5008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \omega D^-D_s^{*+}\bar{\Delta}^0\Sigma_c^{*0})$	5007	4990	1	11701
5009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+K^{*-}D^0$ $(e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}D^0D_s^{*+})$	5008	4991	1	11702
5010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_eD_2^{*-}D_s^+D_1'^+)$	5009	4992	1	11703
5011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+D^+D_s^-\bar{\Delta}^+\Sigma_c^{*0})$	5010	4993	1	11704
5012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0)$	5011	4994	1	11705
5013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+\gamma$ $(e^+e^- \to \pi^0\pi^-\bar{D}^0D_s^+\bar{\Delta}^+\Sigma_c^+\gamma)$	5012	4995	1	11706
5014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^{*0})$	5013	4996	1	11707
5015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-D^0\bar{D}^0D_s^-)$	5014	4997	1	11708

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\eta\omega D^- D^{*0}\Delta^0\bar{\Delta}^0)$	906	905	1	11709
5017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^{*+} D_s^{*-})$	5016	4999	1	11710
5018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- D^{*+}\bar{D}^{*0})$	5017	5000	1	11711
5019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\eta D^- D^{*+})$	5018	5001	1	11712
5020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\bar{K}^* K^+ D^+ D^-)$	5019	5002	1	11713
5021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+ D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	5020	5003	1	11714
5022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_2^{*-} D_s^+, B^0 \to \eta K^+\bar{D}^{*-}$ $(e^+e^- \to \eta K^+\bar{D}^{*-} D_2^{*-} D_s^+)$	5021	5004	1	11715
5023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0 K^0\bar{K}^0 K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0 K^0\bar{K}^0 K^- D^{*+}\bar{D}^{*-})$	907	906	1	11716
5024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{n}p, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\eta D^-\bar{n}\bar{n}p\Sigma_c^0)$	5023	5006	1	11717
5025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{p}\Delta^{++}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \eta D^+ D^-\bar{p}\Delta^{++} D_{s1}'^-)$	908	907	1	11718
5026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^{*+} p\bar{\Sigma}_c^-)$	5025	5008	1	11719
5027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\eta D^+ D^{*+})$	5026	5009	1	11720
5028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^+\pi^-\eta K^{*+} K^{*-} D^0$ $(e^+e^- \to \pi^+\pi^-\eta K^{*+} K^{*-}\bar{D}^{*-} D^0 a_1^+)$	5027	5010	1	11721
5029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \rho^0\eta\eta K^0 K^- D^+$ $(e^+e^- \to \rho^0\eta\eta K^0 K^- D^+ D^- D_s^{*+})$	909	908	1	11722
5030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\bar{K}^0 D^+ D^{*+}\bar{D}^0)$	5029	5012	1	11723
5031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^- K^0\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^0\bar{D}^0$ $(e^+e^- \to \rho^+\rho^- K^0\bar{K}^* D^0\bar{D}^0\bar{D}^0)$	910	909	1	11724
5032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \tau^+\nu_\tau\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau\pi^- D^-)$	5031	5013	1	11725

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\omega D^+D^{*+})$	5032	5014	1	11726
5034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^+D^-, \bar{B}^0 \to \eta\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^*D^+D^-J/\psi)$	5033	5015	1	11727
5035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta\eta\eta D^+D^+)$	5034	5016	1	11728
5036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega K^0K^-D^+D^+D_s^{*-})$	5035	5017	1	11729
5037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*D^+D^{*0}\bar{D}^{*0})$	5036	5018	1	11730
5038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+K^*K^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\omega K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\omega\omega K^0\bar{K}^0K^*K^-\bar{D}^{*-}\bar{D}^{*-})$	5037	5019	1	11731
5039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\rho^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+K^{*-}D^+\bar{D}^{*-}D_{s1}'^+)$	200	200	1	11732
5040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1^+, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-D_s^-\bar{\Delta}^+\Sigma_c^{++}D_1^+)$	5039	5021	1	11733
5041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-D^{*+}\bar{\Delta}^-n$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-n)$	5040	5022	1	11734
5042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta D^-D^{*+})$	5041	5023	1	11735
5043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D_0^{*+})$	5042	5024	1	11736
5044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_LJ/\psi, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0K_L\rho^-\eta D^{*+}J/\psi)$	5043	5025	1	11737
5045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	201	201	1	11738
5046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}p\bar{p}D_0^{*-})$	913	912	1	11739
5047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta' D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta' D^+D^-)$	914	913	1	11740
5048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-K^-D^+D^-\bar{D}^{*0})$	5047	5029	1	11741
5049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*0}\eta_c)$	5048	5030	1	11742

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to D^{*+}\bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^+\omega\omega D^- D^{*+}\bar{p}\Lambda)$	5049	5031	1	11743
5051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^{*+}D_s^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta D^{*+}D^{*+}D_s^-)$	915	914	1	11744
5052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^0K^+K^-D_s^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^+K^-D^{*+}D_s^-D_{s0}^{*-})$	5051	5033	1	11745
5053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^- D^+D^-)$	5052	5034	1	11746
5054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^0\bar{D}^0D^{*0}, B^0 \to \pi^-\omega\bar{D}^{*-}\bar{n}\Delta^{++}$ $(e^+e^- \to \pi^-\omega\omega K^0\bar{D}^{*-}\bar{D}^0D^{*0}\bar{n}\Delta^{++})$	5053	5035	1	11747
5055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+K^-D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+K^-\bar{D}^{*-}D_s^{*+}D_s^{*-}a_1^+)$	916	915	1	11748
5056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	5055	5037	1	11749
5057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+K^0\bar{K}^0K^-D^+D^-\bar{D}^{*-})$	917	916	1	11750
5058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\omega$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D_s^+)$	5057	5039	1	11751
5059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^*D^+\bar{D}^{*-})$	5058	5040	1	11752
5060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_0^{*-}D_1^+)$	5059	5041	1	11753
5061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^+D_s^+D_s^{*-})$	5060	5042	1	11754
5062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^-D_2^{*-}D_s^{*+}\Delta^0\bar{\Delta}^+)$	5061	5043	1	11755
5063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0K^-D^-D^{*+})$	5062	5044	1	11756
5064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \rho^-K^-\bar{D}^{*0}D_s^+\bar{\Delta}^+\Sigma_c^{*++})$	5063	5045	1	11757
5065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Sigma^0\bar{\Xi}^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}D_s^-\Sigma^0\bar{\Xi}^+)$	5064	5046	1	11758
5066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-})$	5065	5047	1	11759

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-})$	5066	5048	1	11760
5068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\bar{K}^0K^{*+}K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	5067	5049	1	11761
5069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^+D^-)$	5068	5050	1	11762
5070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\eta K^0K^{*-}D^{*+}\bar{D}^{*-})$	13	13	1	11763
5071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\omega K^0K^-D^-D^{*+})$	5070	5052	1	11764
5072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0})$	5071	5053	1	11765
5073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-})$	5072	5054	1	11766
5074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c, B^0 \to D^-D_s^+\gamma$ $(e^+e^- \to \pi^-K^+D^-D_s^+\eta_c\gamma)$	5073	5055	1	11767
5075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^0)$	5074	5056	1	11768
5076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^0\bar{D}^{*0})$	5075	5057	1	11769
5077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \eta K^-D^+$ $(e^+e^- \to \eta K^-D^+\bar{D}^{*-}a_1^+\gamma)$	5076	5058	1	11770
5078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*D^+D^-D_0^{*+})$	5077	5059	1	11771
5079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to D^-\bar{\Delta}^-n$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}\bar{\Delta}^-n)$	5078	5060	1	11772
5080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+K^-\eta_c$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-K^0\bar{K}^0K^-D^-\eta_c)$	5079	5061	1	11773
5081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^+K^0K^*\bar{K}^*K^{*-}D^+D^-)$	919	918	1	11774
5082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{D}^{*-}D_{s1}'^+)$	5081	5063	1	11775
5083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^+\bar{D}^0D_1^-)$	920	919	1	11776

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^{*-}D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0K^*K^{*-}D^+D^{*+})$	5083	5065	1	11777
5085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0D^+D_s^+D_s^{*-})$	5084	5066	1	11778
5086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*K^+\bar{D}^{*-}D_2^{*-})$	5085	5067	1	11779
5087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^{*+}K^{*+}D^-\bar{D}^{*-}D^0D^{*0})$	5086	5068	1	11780
5088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^+D^0D_s^-)$	5087	5069	1	11781
5089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	921	920	1	11782
5090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to K^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to K^0D^-D^{*0}\bar{D}^{*0}a_1^+)$	5089	5071	1	11783
5091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D^0)$	922	921	1	11784
5092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^-K^+K^{*-}D^+\bar{D}^{*-}D_s^{*+}\gamma)$	5091	5073	1	11785
5093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to K^*\bar{\Delta}^+\Xi_c^+$ $(e^+e^- \to K^*D_2^{*-}D_s^{*+}\bar{\Delta}^+\Xi_c^+)$	5092	5074	1	11786
5094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^+D^-)$	5093	2939	1	11787
5095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*\eta'D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*\eta'D^+D^{*+}D_s^{*-})$	5094	5075	1	11788
5096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-D^+D_2^{*+})$	5095	5076	1	11789
5097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \rho^-D_1'^+\gamma$ $(e^+e^- \to \rho^-D^-\bar{\Delta}^-nD_1'^+\gamma)$	5096	5077	1	11790
5098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\eta', \bar{B}^0 \to \pi^0\pi^-\omega\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega\bar{K}^*\eta'D^+)$	5097	5078	1	11791
5099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega\bar{K}^*K^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^0\bar{K}^*K^{*+}\Delta^+\bar{\Sigma}_c^-)$	203	203	1	11792
5100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-K^+K^{*-}D^+D^-)$	5099	5080	1	11793

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\eta D^-\bar{p}\Delta^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta D^-\bar{D}^{*-}\bar{p}\Delta^{++})$	5100	5081	1	11794
5102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\psi(3770), \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{\Sigma}^{*0}\Xi_c^{*+}\psi(3770))$	5101	5082	1	11795
5103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta K^0\bar{K}^0D^+\bar{D}^0D_s^{*-})$	5102	5083	1	11796
5104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^*D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-K^*D^+D^+)$	5103	5084	1	11797
5105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+D^-)$	5104	5085	1	11798
5106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}D_1'^+)$	5105	5086	1	11799
5107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	5106	5087	1	11800
5108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^+\bar{D}^{*-}\bar{D}^{*0})$	5107	5088	1	11801
5109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+K^+K^{*-}D^{*+}D_2^{*-})$	5108	5089	1	11802
5110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0K^*D^{*+}D^0\bar{D}^0D_s^{*-})$	5109	5090	1	11803
5111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+\bar{D}^0D^{*0}D_0^{*+})$	5110	5091	1	11804
5112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^+D^{*0}D_s^-)$	5111	5092	1	11805
5113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta K^+K^-\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\eta K^+K^-D_2^{*+}\bar{D}^{*0}D_s^{*-})$	5112	5093	1	11806
5114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^*\bar{D}^{*-}J/\psi)$	5113	5094	1	11807
5115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+D^-D^{*0})$	924	923	1	11808
5116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*D^-D^{*+})$	5115	5096	1	11809
5117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to K^*\psi'$ $(e^+e^- \to K^*K_2^{*0}J/\psi\psi')$	925	924	1	11810

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^+ D^+ \bar{D}^{*-})$	5117	5098	1	11811
5119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0 K^+ D^{*+}\bar{D}^{*-}D^{*0})$	5118	5099	1	11812
5120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+D^-p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}p\bar{\Delta}^{++})$	5119	5100	1	11813
5121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\bar{K}^0\phi D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\bar{K}^0\phi D^-\bar{D}^{*-})$	5120	5101	1	11814
5122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S J/\psi, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta K_S D^+ J/\psi)$	5121	5102	1	11815
5123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\psi')$	926	925	1	11816
5124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*0}\bar{p}\Delta^+)$	5123	5104	1	11817
5125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega\eta' D^+ D_1'^-)$	927	926	1	11818
5126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0D^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0K^0D^{*+}D_s^{*-}D_1'^+)$	5125	5105	1	11819
5127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+, \bar{B}^0 \to D^+\Lambda\bar{\Sigma}^-\gamma$ $(e^+e^- \to \pi^0\pi^-\eta D^+D^+\Lambda\bar{\Sigma}^-\gamma)$	5126	5106	1	11820
5128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \rho^-\eta\eta\eta' D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta\eta\eta' D^{*+}D_2^{*-})$	5127	5107	1	11821
5129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+D^{*+}\bar{D}^{*0})$	5128	5108	1	11822
5130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+}D^{*+})$	5129	5109	1	11823
5131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^0D^+D^{*+}\bar{D}^{*0})$	5130	5110	1	11824
5132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^0, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}D^0\bar{D}^0D^{*0})$	5131	5111	1	11825
5133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-K^+\chi_{c2}, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^+\bar{D}^{*-}\chi_{c2})$	5132	5112	1	11826
5134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_{s0}^{*+}\gamma)$	928	927	1	11827

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	5134	5114	1	11828
5136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}D_s^-)$	5135	5115	1	11829
5137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \rho^0\pi^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^0K^{*+}D^+D^-D^0)$	5136	5116	1	11830
5138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^*K^-D^+\bar{D}^{*-})$	5137	5117	1	11831
5139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0K^0K^-D^{*+}\bar{D}^{*-})$	5138	5118	1	11832
5140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \rho^+D_2^{*-}D^{*0}p\bar{\Delta}^+)$	5139	5119	1	11833
5141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^*\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D_1^-\gamma)$	5140	5120	1	11834
5142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to K^*D^{*+}\bar{D}^0D^{*0}\Delta^0\bar{\Delta}^+)$	5141	5121	1	11835
5143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega\omega K^+K^-D^{*+}\bar{D}^{*-})$	5142	5122	1	11836
5144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0K^+K^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^+K^-D^+D_s^{*-})$	5143	5123	1	11837
5145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c(2S)$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^+D^-\eta_c(2S))$	5144	5124	1	11838
5146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0K^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0K^+D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	5145	5125	1	11839
5147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^0\eta'\bar{D}^{*-}n\bar{n})$	5146	5126	1	11840
5148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_s^{*-}D_1^+)$	5147	5127	1	11841
5149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^-D^{*+}\bar{n}p)$	5148	5128	1	11842
5150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^*K^-D^{*+}\bar{D}^{*-})$	5149	5129	1	11843
5151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^-D_1^-\gamma)$	5150	5130	1	11844

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\omega\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	929	928	1	11845
5153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to K^*K^+K^-\eta'\phi$ $(e^+e^- \to K^*K^+K^-K^{*+}\eta'\phi\bar{D}^{*-}D^{*0})$	5152	5132	1	11846
5154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}a_1^+)$	5153	5133	1	11847
5155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0K^-K^{*+}D^+D^{*+})$	5154	5134	1	11848
5156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0\bar{D}^{*-}n\bar{\Sigma}^0, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Sigma}^0)$	5155	5135	1	11849
5157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \bar{K}^0K^-\phi D_s^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^-\phi D^{*+}D_s^+)$	5156	5136	1	11850
5158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*\phi\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-K^*\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^*K^*\phi\bar{D}^{*-}\bar{D}^0)$	5157	5137	1	11851
5159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta D^+D^{*+})$	5158	5138	1	11852
5160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \pi^-\rho^+\eta\bar{K}^0K^+D^{*0}\Delta^0\bar{\Sigma}_c^{*-})$	5159	5139	1	11853
5161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^{*+}D_1^-)$	5160	5140	1	11854
5162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	5161	5141	1	11855
5163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+D^+D^{*+}\Sigma^0\bar{\Sigma}^0)$	5162	5142	1	11856
5164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_2^{*+}D_0^{*+})$	5163	5143	1	11857
5165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^+\bar{\Xi}_c^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^{*-}D^{*+}\bar{D}^{*0}\Delta^+\bar{\Xi}_c^-)$	930	929	1	11858
5166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\omega D^{*+}\bar{D}^{*0})$	5165	5145	1	11859
5167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*-})$	5166	5146	1	11860
5168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\omega D^-, B^0 \to \rho^+K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^0\rho^+\rho^+\omega K^0\bar{K}^0D^-D^-)$	5167	5147	1	11861

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega K^- K^{*+}, \bar{B}^0 \to \pi^0\rho^- D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^- K^{*+} D^+\bar{\Sigma}^+\Sigma^-)$	5168	5148	1	11862
5170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+} D^{*+}a_1^-)$	5169	5149	1	11863
5171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\eta D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+\eta\eta K^- D^- D^{*+}\bar{D}^{*0})$	931	930	1	11864
5172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	5171	5151	1	11865
5173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, B^0 \to K^* D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^* D^+\bar{D}^{*-}\bar{D}^{*-}\gamma)$	5172	5152	1	11866
5174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \bar{K}^* D^+\bar{\Lambda}\Sigma_c^0 a_1^-)$	932	931	1	11867
5175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^-\bar{D}^0\bar{\Delta}^- n$ $(e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0\bar{\Delta}^- n a_1^+)$	5174	5154	1	11868
5176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \eta\bar{K}^* K^+\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^* K^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	933	932	1	11869
5177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	5176	5156	1	11870
5178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- K^0 K^* K^-, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^- K^0\bar{K}^0 K^* K^- D^- D^{*+})$	5177	5157	1	11871
5179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^- K^* D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+K^* D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	5178	5158	1	11872
5180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0 K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\eta K^{*-}D^- D_s^{*+})$	5179	5159	1	11873
5181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\bar{D}^{*-}p\bar{\Lambda}, \bar{B}^0 \to \pi^+\eta\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^+\eta\bar{K}^0\bar{K}^* D^-\bar{D}^{*-}D^{*0}p\bar{\Lambda})$	5180	5160	1	11874
5182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to e^+\nu_e D^+ D^- D_{s1}^-)$	5181	5161	1	11875
5183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*0}\bar{p}\Delta^+)$	5182	5162	1	11876
5184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta K^0 D_s^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^-\eta K^0 D^+ D_s^-)$	934	933	1	11877
5185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}D^{*0})$	935	934	1	11878

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-K^+K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\rho^-K^+K^-D^+\bar{D}^{*-})$	5185	5165	1	11879
5187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^-\rho^+\bar{D}^{*-}n\bar{n}\bar{p}\Sigma_c^{*++})$	5186	5166	1	11880
5188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0K^+K^{*-}D_s^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \pi^0\pi^+K^0K^+K^{*-}D_s^{*-}\bar{K}_1^0\psi')$	5187	5167	1	11881
5189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^-K^{*+}D^+\bar{D}^{*-})$	5188	5168	1	11882
5190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega K^+K^-D^+\bar{D}^{*-})$	936	935	1	11883
5191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-D^0)$	5190	5170	1	11884
5192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^*D^+D^-)$	937	936	1	11885
5193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	5192	5172	1	11886
5194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	5193	5173	1	11887
5195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0K^-K^{*+}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^-K^-K^{*+}D^+D^{*0})$	5194	5174	1	11888
5196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega K^*\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega K^*\bar{D}^0D_1^+)$	5195	5175	1	11889
5197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{K}^0n\bar{n}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\bar{K}^0D^0n\bar{n})$	5196	5176	1	11890
5198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^-\omega\bar{K}^0K^{*+}\phi D^0$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^0K^{*+}\phi D^-D^0\bar{p}\Delta^{++})$	938	937	1	11891
5199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^-D^{*+}D^0)$	5198	5178	1	11892
5200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^-D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^+D^-D^0\Sigma^+\bar{\Sigma}^-)$	5199	5179	1	11893
5201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}J/\psi, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \rho^-\bar{K}^0K^{*+}D_s^+D_s^-J/\psi)$	5200	5180	1	11894
5202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta'D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta'D^-D^0D_s^{*+})$	5201	5181	1	11895

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^0D^+\bar{D}^{*-}D_s^-)$	5202	5182	1	11896
5204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*D^+\bar{D}^{*-}D^{*0})$	5203	5183	1	11897
5205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta'D^{*+}D^{*+})$	939	938	1	11898
5206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\eta D^+\bar{D}^{*-})$	5205	5185	1	11899
5207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-})$	5206	5186	1	11900
5208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\eta\eta D^+D^-)$	5207	5187	1	11901
5209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^+D^-a_1^+)$	5208	5188	1	11902
5210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\eta\omega D^+\bar{D}^{*-}D_s^+)$	5209	5189	1	11903
5211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	5210	5190	1	11904
5212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}D_s^+)$	5211	5191	1	11905
5213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	5212	5192	1	11906
5214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}n\bar{n})$	5213	5193	1	11907
5215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\rho^-K^0K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^0K^-D^+D^{*+}p\bar{p})$	5214	5194	1	11908
5216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0K^*K^{*-}D^+D^{*+}D_s^{*-})$	5215	5195	1	11909
5217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D_2^{*+}D_s^{*-})$	940	939	1	11910
5218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{p}\Sigma_c^{*++})$	5217	5196	1	11911
5219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+K^+K^-D^-D^{*+})$	14	14	1	11912

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^-\omega\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma_c^0)$	5219	5198	1	11913
5221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0K^0K^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega K^0K^+\bar{D}^{*-}D^0D_s^-)$	5220	5199	1	11914
5222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega K^0\bar{K}^0D^+D^-)$	942	941	1	11915
5223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D^0D_{s1}'^-)$	5222	5201	1	11916
5224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^-D^{*+}D_s^{*+})$	943	942	1	11917
5225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	5224	5203	1	11918
5226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-D^-D^{*+}D_{s1}'^+)$	5225	5204	1	11919
5227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0D^+D^{*+}\bar{D}^{*-})$	5226	5205	1	11920
5228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0K^*K^-D^+\bar{D}^{*-})$	5227	5206	1	11921
5229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega K^0K^{*-}D^+\bar{D}^{*-})$	5228	5207	1	11922
5230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\bar{p}\Delta^+)$	944	943	1	11923
5231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+p\bar{\Lambda}_c^-)$	205	205	1	11924
5232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}\bar{D}^0)$	5231	5210	1	11925
5233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-K^-D^{*+}\bar{D}^{*0})$	5232	5211	1	11926
5234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta a_0^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\bar{n}\Sigma_c^{*+}a_0^0)$	5233	5212	1	11927
5235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	5234	5213	1	11928
5236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega K^0K^-D^+D^{*+})$	5235	5214	1	11929

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0\Delta^0\bar{\Sigma}_c^-\psi')$	5236	5215	1	11930
5238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega D^+D^-)$	946	945	1	11931
5239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\bar{D}^0)$	5238	5217	1	11932
5240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \rho^+D^-D^0p\bar{\Delta}^+)$	947	946	1	11933
5241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^*D^+D^-D^{*+})$	5240	5219	1	11934
5242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-a_1^-\gamma)$	5241	5220	1	11935
5243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^0D^+D^+\bar{D}^{*-}D_s^{*-})$	5242	5221	1	11936
5244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\Delta^+\bar{\Lambda})$	5243	5222	1	11937
5245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega K^-D^{*+}D^{*+}\bar{D}^{*0})$	5244	5223	1	11938
5246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\eta K^0\bar{K}^0K^{*+}D_s^-, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\bar{K}^0K^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0\bar{K}^0K^{*+}K^{*+}\bar{D}^0D_s^-)$	948	947	1	11939
5247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^+K^-D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_eK^+K^-D^+\bar{D}^{*-}D_s^{*-})$	5246	5225	1	11940
5248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+\bar{D}^{*-}a_1^+)$	5247	5226	1	11941
5249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta'\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta'D^+\bar{D}^0)$	5248	5227	1	11942
5250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}n\bar{p})$	5249	5228	1	11943
5251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-})$	5250	5229	1	11944
5252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega D^+\bar{D}^{*0})$	5251	5230	1	11945
5253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^-\bar{n}p)$	5252	5231	1	11946

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	5253	5232	1	11947
5255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^-\rho^-D_2^{*+}\bar{D}^0D_s^{*+})$	5254	5233	1	11948
5256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^0\bar{K}^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{n}p)$	949	948	1	11949
5257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	950	949	1	11950
5258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^*D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\bar{K}^*\bar{D}^{*-}D_s^+)$	5257	5236	1	11951
5259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+})$	5258	5237	1	11952
5260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\eta'D^+\bar{D}^{*-}D_s^-)$	5259	5238	1	11953
5261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^+D^-D^{*+})$	5260	5239	1	11954
5262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+D^-D^{*+}D_s^{*-})$	951	950	1	11955
5263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\omega K^*D^{*+}\bar{D}^{*-}D^0)$	5262	5241	1	11956
5264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D_s^{*+}\bar{p}\Lambda_c^+)$	5263	5242	1	11957
5265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	5264	5243	1	11958
5266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^*K^-D^{*+}D_2^{*-})$	5265	5244	1	11959
5267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-, B^0 \to \pi^+\pi^+\pi^-\eta\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\eta\eta\omega\omega D^-D^-)$	952	951	1	11960
5268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+K^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^*K^-D^+D^-D_s^+)$	5267	5246	1	11961
5269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega K^0D_s^-, \bar{B}^0 \to \pi^0\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0D_s^-\bar{\Sigma}^0\Xi_c^0)$	5268	5247	1	11962
5270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0\eta'D^-D^{*+}\bar{D}^{*-})$	5269	5248	1	11963

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	5270	5249	1	11964
5272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega K^+D^+\bar{D}^{*-}D^{*0})$	5271	5250	1	11965
5273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^+\bar{D}^0\bar{p}\Delta^+)$	5272	5251	1	11966
5274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \eta\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\eta\bar{D}^0\bar{\Delta}^+\Sigma_c^+)$	5273	5252	1	11967
5275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\omega K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^-\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	5274	5253	1	11968
5276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-})$	5275	5254	1	11969
5277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}D_1^+)$	5276	5255	1	11970
5278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta D^+D^-\Delta^{++}\bar{\Delta}^{++})$	953	952	1	11971
5279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0K^+D^+D^-D^{*0}a_1^-)$	5278	5257	1	11972
5280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^-D^-D^{*+})$	5279	5258	1	11973
5281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	5280	5259	1	11974
5282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^+D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^+\rho^-D^+D^-n\bar{\Delta}^{++})$	5281	5260	1	11975
5283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^+\omega\omega D^-\bar{n}\Sigma_c^0)$	5282	5261	1	11976
5284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0)$	954	953	1	11977
5285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\pi^-D^+D_1^-)$	5284	5263	1	11978
5286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*K^+D^+D^-D^-D^{*0})$	5285	5264	1	11979
5287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta'D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta'D^{*+}\bar{D}^{*-}\bar{D}^0)$	955	954	1	11980

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0D^+D^-\bar{D}^0D_s^+)$	5287	5266	1	11981
5289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^*\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*0})$	5288	5267	1	11982
5290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^-D_1^+)$	5289	5268	1	11983
5291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\eta K^*K^{*-}D^+\bar{D}^{*-})$	5290	5269	1	11984
5292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-K^{*+}D^+\bar{D}^{*-})$	956	955	1	11985
5293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^{*+}D_1^-)$	206	206	1	11986
5294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	5293	5272	1	11987
5295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-})$	50	50	1	11988
5296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-})$	5295	5274	1	11989
5297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^-K^*K^-D^+\bar{D}^0D_s^{*+})$	208	208	1	11990
5298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^-D^+\bar{D}^{*0}n\bar{\Sigma}_c^0)$	5297	5276	1	11991
5299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}D_s^-\gamma)$	5298	5277	1	11992
5300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^-D^{*0}D_s^+)$	5299	5278	1	11993
5301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\eta D^-D^-)$	5300	5279	1	11994
5302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^{*+}J/\psi, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^{*+}D^-J/\psi)$	5301	5280	1	11995
5303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0)$	5302	5281	1	11996
5304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^{*+}D^+D^-D^0a_1^-)$	5303	5282	1	11997

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta' D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\eta\eta' D^{*+}D^{*0})$	5304	5283	1	11998
5306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega, \bar{B}^0 \to \pi^0\bar{K}^0 D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\omega\bar{K}^0 D^+D^-)$	5305	5284	1	11999
5307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\eta K^0K^-D^+D^+D_s^{*-})$	5306	5285	1	12000
5308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\bar{D}^{*-}D_1^+)$	5307	5286	1	12001
5309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	5308	5287	1	12002
5310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-}\gamma)$	960	959	1	12003
5311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+K^+K^-D^-D_0^{*+})$	5310	5289	1	12004
5312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Lambda}\Xi_c^+, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^-D^+\Delta^-\bar{\Delta}^0\bar{\Lambda}\Xi_c^+)$	5311	5290	1	12005
5313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	961	960	1	12006
5314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+})$	962	961	1	12007
5315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to D_s^+\bar{n}\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\bar{D}^{*0}D_s^+\bar{n}\Sigma^-)$	5314	5293	1	12008
5316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta' D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\eta' D^-D^{*+})$	5315	5294	1	12009
5317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0 D_{s1}'^-)$	963	962	1	12010
5318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta K^0D^+D^-D^{*+})$	5317	5296	1	12011
5319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^0\bar{D}^0D_1^-)$	5318	5297	1	12012
5320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^-K^0\bar{K}^*D^+D^{*+}a_1^-)$	964	963	1	12013
5321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-\gamma, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+D^{*+}a_1^-\gamma)$	5320	5299	1	12014

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	5321	5300	1	12015
5323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-})$	5322	5301	1	12016
5324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	5323	5302	1	12017
5325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-p\bar{p}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-p\bar{p})$	5324	5303	1	12018
5326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^-D^{*+}D^{*+}\bar{D}^{*0})$	965	964	1	12019
5327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta D^-D^{*+})$	5326	5305	1	12020
5328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \phi\Delta^+\bar{\Xi}_c^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\phi\bar{D}^{*-}\Delta^+\bar{\Xi}_c^{*-})$	5327	5306	1	12021
5329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^*\bar{K}^*D^-D^{*+})$	5328	5307	1	12022
5330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to \pi^0\pi^+\eta D^0\Delta^0\bar{\Sigma}_c^{*-})$	5329	5308	1	12023
5331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	966	965	1	12024
5332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D_2^{*-}D_s^{*+})$	967	966	1	12025
5333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	5332	5311	1	12026
5334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-\bar{K}^0K^{*+}D^+D^-)$	5333	5312	1	12027
5335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}n\bar{p}\bar{\Delta}^+\Delta^{++})$	5334	5313	1	12028
5336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\phi K_0^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\phi D^{*+}K_0^0)$	5335	5314	1	12029
5337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^{*-}D^-D^{*+}\gamma)$	968	967	1	12030
5338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-})$	5337	5316	1	12031

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	15	15	1	12032
5340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^-\omega\eta' D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\eta' D^+ D_1^+)$	970	969	1	12033
5341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^-D^+D^+\bar{D}^{*-}D_s^-)$	971	970	1	12034
5342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0}D_s^+)$	5341	5320	1	12035
5343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \omega D^+ n\bar{p}$ $(e^+e^- \to \omega K^{*+}D^+\bar{D}^{*-}D^{*0}n\bar{p})$	5342	5321	1	12036
5344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	5343	5322	1	12037
5345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^0K^*K^{*-}D^+\bar{D}^{*-})$	5344	5323	1	12038
5346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D^{*+}J/\psi K_1^0)$	5345	5324	1	12039
5347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^+\omega K^-\eta_c$ $(e^+e^- \to \pi^+\pi^-\omega K^-\eta_c\Delta^+\bar{\Xi}_c^{*0})$	5346	5325	1	12040
5348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^-D^+\bar{D}^0\chi_{c0})$	5347	5326	1	12041
5349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*0}D_s^{*-}\gamma)$	5348	5327	1	12042
5350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c'^0, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^0\bar{K}^0n\bar{\Delta}^+\Sigma_c^+\bar{\Xi}_c'^0)$	5349	5328	1	12043
5351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\omega D^0D_1'^+)$	210	210	1	12044
5352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}D_s^{*-})$	5351	5330	1	12045
5353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-)$	5352	5331	1	12046
5354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^-\bar{n}p, \bar{B}^0 \to \rho^-K^0\bar{K}^*\bar{K}^*D^+$ $(e^+e^- \to \rho^-K^0K^*\bar{K}^*\bar{K}^*D^+D_s^-\bar{n}p)$	5353	5332	1	12047
5355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^-K^*K^{*+}K^{*-}D^{*+}J/\psi)$	973	972	1	12048

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^*D^+D_s^-)$	5355	5334	1	12049
5357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^-D^{*+})$	5356	5335	1	12050
5358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*K^{*+}D_s^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^*K^{*+}K^{*-}D^+\bar{D}^0D_s^{*-})$	5357	5336	1	12051
5359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \bar{K}^*\bar{D}^{*-}p\bar{\Lambda}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}p\bar{\Lambda}D_1^-)$	5358	5337	1	12052
5360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\Delta^+\bar{\Xi}_c'^-, \bar{B}^0 \to \rho^0K^0K^+K^-K^-D^{*+}$ $(e^+e^- \to \rho^0K^0K^+K^-K^-\phi D^{*+}\Delta^+\bar{\Xi}_c'^-)$	5359	5338	1	12053
5361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\pi^-D^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^-D^-D_s^{*+})$	5360	5339	1	12054
5362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	5361	5340	1	12055
5363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^-K^-K^{*+}D^+D^0\bar{D}^0\bar{D}^{*0})$	974	973	1	12056
5364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*0})$	5363	5342	1	12057
5365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^+K^{*-}D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	5364	5343	1	12058
5366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}D_s^{*-}\gamma)$	5365	5344	1	12059
5367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^*K^+D^+\bar{D}^{*-})$	5366	5345	1	12060
5368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1'^-, \bar{B}^0 \to \rho^0\omega D^{*0}$ $(e^+e^- \to \rho^0\pi^+\omega D^{*0}D_1'^-)$	5367	5346	1	12061
5369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to K^{*+}\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^{*+}\bar{D}^0\bar{\Delta}^+\Sigma^+\bar{\Sigma}^-\Xi_c^0)$	5368	5347	1	12062
5370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^+K^-D^{*0}\bar{D}^{*0}D_s^-)$	5369	5348	1	12063
5371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*0})$	5370	5349	1	12064
5372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta\bar{K}^0K^*K^-K^{*+}D^-\bar{D}^{*-})$	5371	5350	1	12065

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\omega D^{*+}D^{*+})$	5372	5351	1	12066
5374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\eta_c, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to K^*K^+\bar{D}^{*-}D^0\eta_c)$	5373	5352	1	12067
5375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^-\bar{K}^*K^-D^+D^{*+})$	5374	5353	1	12068
5376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega\omega D^-D^{*+})$	5375	5354	1	12069
5377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\rho^-\eta\bar{K}^0K^+D^+D^{*+})$	5376	5355	1	12070
5378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\eta K^0K^{*-}D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\rho^+\eta K^0K^{*-}D^+D^-a_1^-)$	5377	5356	1	12071
5379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0D^+\bar{D}^{*-}D_s^-)$	975	974	1	12072
5380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	5379	5358	1	12073
5381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^0$ $(e^+e^- \to \rho^0\rho^+\eta\bar{D}^{*-}D^0)$	5380	5359	1	12074
5382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta K^*D^+D^-\bar{D}^{*-})$	5381	5360	1	12075
5383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\rho^+K^0K^-D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\rho^+K^0K^-D^-\bar{D}^{*-})$	5382	5361	1	12076
5384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	5383	5362	1	12077
5385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0K^0D^+D^{*0}\bar{D}^{*0}\Delta^0\bar{\Delta}^+)$	976	975	1	12078
5386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^+D^+D^-D_s^{*-})$	5385	5364	1	12079
5387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0D^+D^{*+})$	5386	5365	1	12080
5388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	5387	5366	1	12081
5389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^+D_0^{*+})$	5388	5367	1	12082

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^- K^* \bar{K}^* D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^- K^* \bar{K}^* D^{*+} D^{*+})$	5389	5368	1	12083
5391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^- D^{*+})$	5390	5369	1	12084
5392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^* D^+\bar{p}\Lambda, \bar{B}^0 \to \rho^0\rho^- K^+ K^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^- K^* K^+ K^- D^+ D^+\bar{p}\Lambda)$	5391	5370	1	12085
5393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- D^+ D^- D_s^{*-} D_{s0}^{*+})$	5392	5371	1	12086
5394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^- D^+ D^+ D_s^{*-})$	5393	5372	1	12087
5395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\phi D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{K}^* K^+\phi D^+ D^-)$	5394	5373	1	12088
5396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^* K^- K^{*+} D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+ K^+ K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^* K^+ K^- K^{*+} K^{*-} D^+ D^+)$	5395	5374	1	12089
5397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta' D^-, \bar{B}^0 \to \pi^+\pi^-\pi^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\eta' D^+ D^-)$	5396	5375	1	12090
5398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^+\eta K^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\eta K^- D^-)$	977	976	1	12091
5399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^0 K^{*-} D^+\bar{p}\Lambda_c^+)$	5398	5377	1	12092
5400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- D^-\bar{\Delta}^- n, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^- D^0 D_s^-\bar{\Delta}^- n)$	5399	5378	1	12093
5401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	5400	5379	1	12094
5402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+} p\bar{\Sigma}_c^{*--})$	5401	5380	1	12095
5403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^0 K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+ K^- D^+\bar{D}^{*0} n\bar{\Sigma}_c^-)$	5402	5381	1	12096
5404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}\gamma, \bar{B}^0 \to \pi^+ K^- D^{*0}$ $(e^+e^- \to \pi^+\rho^+ K^- D_2^{*-} D^{*0}\gamma)$	5403	5382	1	12097
5405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^{*-} D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^* K^{*-} D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	5404	5383	1	12098
5406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^0 D_s^-\Delta^+\bar{\Sigma}^-)$	5405	5384	1	12099

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \eta\bar{K}^0K^+\bar{D}^{*-}D^0n\bar{\Delta}^0)$	5406	5385	1	12100
5408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta D^-D_2^{*-})$	5407	5386	1	12101
5409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^{*+}D_s^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^*K^-D^{*+}\bar{D}^{*0}D_s^{*+}D_s^{*-})$	5408	5387	1	12102
5410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*-}\bar{\Delta}^0p, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^0pa_1^-)$	5409	5388	1	12103
5411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\eta\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\eta D^-D^{*+})$	5410	5389	1	12104
5412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^-D^{*+}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^*K^+D^+D^-D^{*+}\bar{D}^{*-})$	5411	5390	1	12105
5413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega\omega K^{*-}D^+D^+)$	5412	5391	1	12106
5414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+D^-D^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^+D^-D^{*+}D^0)$	5413	5392	1	12107
5415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}p)$	5414	5393	1	12108
5416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^-D^-D_s^+D_s^{*+})$	5415	5394	1	12109
5417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^{*+}D^+D^-D^0)$	5416	5395	1	12110
5418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^-D^{*+}D^{*+}\Delta^-n\bar{n}\bar{n})$	5417	5396	1	12111
5419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}D_{s0}^{*+})$	5418	5397	1	12112
5420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-p\bar{p}, \bar{B}^0 \to \pi^-\eta\omega\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^*D^+D^-p\bar{p})$	5419	5398	1	12113
5421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0K^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+K^+\bar{D}^{*-}D_s^-)$	5420	5399	1	12114
5422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}D^0\bar{p}\Sigma_c^{++})$	5421	5400	1	12115
5423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^{*+}D_1'^-)$	5422	5401	1	12116

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	5423	5402	1	12117
5425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\eta\omega\bar{D}^{*-}D_2^{*+}D_s^-)$	5424	5403	1	12118
5426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	5425	5404	1	12119
5427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \rho^+K^-D_2^{*-}D_s^+J/\psi)$	5426	5405	1	12120
5428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta D^{*+}\bar{D}^{*-}\bar{p}\Delta^{++})$	5427	5406	1	12121
5429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\omega\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\omega\omega K^0K^0K^-D^{*+}D^{*0}\bar{D}^{*0})$	978	977	1	12122
5430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \tau^+\nu_\tau D^+D^-\Delta^-\bar{\Delta}^0)$	5429	5408	1	12123
5431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-}\bar{n}p)$	5430	5409	1	12124
5432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^{*-}D^+D^0\bar{D}^0)$	5431	5410	1	12125
5433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^-\bar{n}p, \bar{B}^0 \to \omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\omega\omega K^*K^-D^-D^{*+}\bar{n}p)$	5432	5411	1	12126
5434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Xi}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D_2^{*+}\Delta^+\bar{\Xi}_c^{*-})$	5433	5412	1	12127
5435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\bar{K}^0\bar{K}^0K^+K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\rho^-K^0\bar{K}^0\bar{K}^0\bar{K}^0K^+K^+K^+K^-D^+D^-)$	5434	5413	1	12128
5436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^*K^-D^{*+}\bar{D}^{*-})$	211	211	1	12129
5437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+D^-)$	5436	5415	1	12130
5438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta'\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\eta'D^+\bar{D}^{*-}\bar{D}^0)$	5437	5416	1	12131
5439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \eta K^*K^-D^+$ $(e^+e^- \to \pi^+\eta K^*K^-D^+D^0D_s^{*-})$	5438	5417	1	12132
5440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	5439	5418	1	12133

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	5440	5419	1	12134
5442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\omega\omega D^{*+}\bar{D}^{*-})$	5441	5420	1	12135
5443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	5442	5421	1	12136
5444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	5443	5422	1	12137
5445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	5444	1079	1	12138
5446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^-K^{*-}D^+D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	212	212	1	12139
5447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^{*+}K^{*-}D^+\bar{D}^{*-})$	5446	5424	1	12140
5448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}n\bar{\Xi}_c'^-)$	5447	5425	1	12141
5449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega K^0K^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\omega K^0K^-D^{*+}\bar{D}^{*0})$	5448	5426	1	12142
5450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \rho^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+})$	5449	5427	1	12143
5451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p)$	5450	5428	1	12144
5452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^+D^{*0})$	981	980	1	12145
5453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau a_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^-D^{*+}a_1^+)$	982	981	1	12146
5454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0K^0\bar{K}^0\bar{K}^0\bar{K}^0\phi D^+\bar{D}^{*-})$	5453	5431	1	12147
5455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \bar{K}^*K^{*+}\bar{D}^{*-}D^0n\bar{\Delta}^0)$	5454	5432	1	12148
5456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-\gamma, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^0D_s^+D_1^-\gamma)$	5455	5433	1	12149
5457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^0D^+D^{*+}\bar{D}^{*0})$	5456	5434	1	12150

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}D_s^+n\bar{p})$	5457	5435	1	12151
5459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^+D^-)$	5458	5436	1	12152
5460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	5459	5437	1	12153
5461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^{*0})$	5460	5438	1	12154
5462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^-K^*D^{*+}D^{*0}\bar{D}^{*0}p\bar{\Delta}^+)$	5461	5439	1	12155
5463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega K^{*+}D^+D^0\bar{D}^0)$	5462	5440	1	12156
5464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}D^{*0}\bar{D}^{*0})$	5463	5441	1	12157
5465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to \omega K^+D^-D^0D^{*0})$	5464	5442	1	12158
5466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0\bar{K}^0K^*D^+D^-)$	5465	5443	1	12159
5467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+D^-)$	5466	5444	1	12160
5468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^-K^{*+}D^-, B^0 \to \pi^0\pi^0\pi^+K^*\bar{K}^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^*\bar{K}^*K^-K^{*+}D^-D^-)$	5467	5445	1	12161
5469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^0)$	5468	5446	1	12162
5470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^0\bar{D}^0D_1^-)$	5469	5447	1	12163
5471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^*D^0D^{*0}\bar{D}^{*0})$	983	982	1	12164
5472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta D^-D^{*+})$	5471	5449	1	12165
5473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^+\rho^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*0})$	52	52	1	12166
5474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to e^+\nu_e\pi^+K^{*-}\eta_cD_1^-)$	5473	5451	1	12167

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}, \bar{B}^0 \to \pi^- D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^- D^+ D^{*+}\Sigma^+\bar{\Sigma}^-)$	5474	5452	1	12168
5476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0 K^0\bar{K}^0 D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0 K^0\bar{K}^0 D^{*+} D_s^{*-})$	5475	5453	1	12169
5477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega D^{*+} D_0^{*-})$	5476	5454	1	12170
5478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^+ D^-)$	985	984	1	12171
5479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^- K^+ K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^- K^+ K^- D^{*+}\bar{D}^{*-})$	5478	5456	1	12172
5480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta_c n\bar{\Lambda}, \bar{B}^0 \to \eta\omega\bar{K}^0 K^+ K^{*-}$ $(e^+e^- \to \eta\omega\bar{K}^0 K^+ K^{*-}\eta_c n\bar{\Lambda})$	5479	5457	1	12173
5481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-})$	5480	5458	1	12174
5482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+ D^- D_2^{*+} D_s^{*-})$	5481	5459	1	12175
5483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\rho^- D^{*+}\gamma$ $(e^+e^- \to \pi^0\rho^- D^{*+}\bar{D}^{*-} D_s^{*+}\gamma)$	5482	5460	1	12176
5484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0 D^{*0} p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^{*0}\bar{D}^{*0} p\bar{p})$	5483	5461	1	12177
5485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^{*+}\Delta^0\bar{\Sigma}_c^0)$	5484	5462	1	12178
5486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \eta\omega K^* K^{*-} D^{*+}$ $(e^+e^- \to \eta\omega K^* K^{*-} D^{*+}\bar{D}^{*-} D_s^{*+})$	5485	5463	1	12179
5487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^{*+} K^{*-} D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta K^{*+} K^{*-} D^- D^{*+})$	5486	5464	1	12180
5488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\rho^-\omega\bar{D}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-\rho^-\eta\omega\bar{D}^0\bar{D}^0)$	5487	5465	1	12181
5489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\eta_c, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta\omega K^* D^+\eta_c)$	5488	5466	1	12182
5490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to K^0\bar{K}^0 K^+ K^- D^+ D^-)$	5489	5467	1	12183
5491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\phi D_s^+, \bar{B}^0 \to \rho^0\rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^-\rho^-\phi D^+ D_s^+)$	5490	5468	1	12184

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \rho^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^-\rho^+\omega\bar{K}^0 D^+ D^- D^{*0})$	5491	5469	1	12185
5493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \rho^0\rho^+\bar{D}^{*-}D_s^{*-}D_1^+)$	5492	5470	1	12186
5494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^- D^+ D^+)$	986	985	1	12187
5495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, B^0 \to \bar{D}^{*-}\bar{\Lambda}\Sigma^+$ $(e^+e^- \to K^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	5494	5472	1	12188
5496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\omega K^0 D^- D^- D^{*+})$	5495	5473	1	12189
5497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	5496	5474	1	12190
5498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^- K^0, \bar{B}^0 \to K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^- K^0 K^- D^+\bar{D}^0)$	5497	5475	1	12191
5499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0 K^+ D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0 K^+ D^+ D^{*+})$	5498	5476	1	12192
5500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\omega D^- D^{*0})$	5499	5477	1	12193
5501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	5500	5478	1	12194
5502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^+ D^- n\bar{p}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ K^+ D^+ D^- D_s^{*-} n\bar{p})$	5501	5479	1	12195
5503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^- K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+ K^- D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^- K^+ K^- D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	5502	5480	1	12196
5504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^0 K^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^+ K^0\bar{D}^{*-}\psi(3770))$	5503	5481	1	12197
5505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0} J/\psi, \bar{B}^0 \to \pi^0\pi^- D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^- K_2^{*0} D^+ J/\psi\Delta^{++}\bar{\Delta}^{++})$	5504	5482	1	12198
5506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^0 K^+ K^+ K^- D^- D^0)$	5505	5483	1	12199
5507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^0 p\bar{p}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-} D^0 p\bar{p})$	5506	5484	1	12200
5508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^0 D^- D^{*+} D^{*+})$	987	986	1	12201

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+})$	5508	5486	1	12202
5510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^+D^{*+}D_s^{*-}D_{s1}'^-)$	5509	5487	1	12203
5511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \pi^+\omega D^-D^0$ $(e^+e^- \to \pi^+\pi^-\omega D^-D^0\bar{D}^0D_s^+)$	5510	5488	1	12204
5512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^-K^0D^-D^{*+}D^{*+})$	5511	5489	1	12205
5513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^0\eta'D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-K^0\eta'D^+D^0)$	988	987	1	12206
5514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^+\eta_c, \bar{B}^0 \to K^-\bar{\Lambda}\Xi_c'^+$ $(e^+e^- \to \rho^-\eta K^+K^-\eta_c\bar{\Lambda}\Xi_c'^+)$	5513	5491	1	12207
5515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-K^0D^+\bar{D}^{*0})$	5514	5492	1	12208
5516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\eta D^+D_0^{*-})$	5515	5493	1	12209
5517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^-D^+D^-\bar{D}^{*0})$	5516	5494	1	12210
5518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\bar{D}^{*-}D^{*0})$	5517	5495	1	12211
5519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-\rho^-D^+D^{*+})$	5518	5496	1	12212
5520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}D^{*+}D_s^-D_{s1}'^-)$	5519	5497	1	12213
5521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+K^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+K^*D^-D_0^{*+})$	5520	5498	1	12214
5522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^-D^{*+})$	989	988	1	12215
5523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+K^*\bar{K}^*D^+\bar{D}^{*-})$	990	989	1	12216
5524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta\bar{K}^0D^{*+}\bar{\Delta}^0\Sigma_c^0)$	5523	5501	1	12217
5525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta'D^{*+}\bar{D}^{*-})$	5524	5502	1	12218

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^* D^- D^{*+} D_1'^-)$	5525	5503	1	12219
5527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Sigma}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ \bar{D}^0\Delta^0\bar{\Sigma}^0)$	5526	5504	1	12220
5528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^*\eta' D^{*+} D^{*+} \bar{D}^{*-})$	5527	5505	1	12221
5529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^-\eta D^+ \bar{D}^{*-} D_{s1}'^+)$	991	990	1	12222
5530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta\omega D^+ D^-)$	5529	5507	1	12223
5531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta\omega\omega D^{*+} \bar{D}^{*-})$	5530	5508	1	12224
5532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^{*+} \bar{D}^0 D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^{*+} D^+ \bar{D}^0 D^{*0})$	992	991	1	12225
5533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 K^- D^+ \bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^- K^+ K^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- K^+ K^- K^- D^+ D^{*0} \bar{D}^{*0})$	5532	5510	1	12226
5534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-} \bar{D}^{*-})$	5533	5511	1	12227
5535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* D^0 \bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^* D^0 \bar{D}^0 D_1^-)$	993	992	1	12228
5536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^-\bar{n}p, B^0 \to \rho^0\eta K^0\bar{D}^0$ $(e^+e^- \to \rho^0\eta K^0 D^- \bar{D}^0\bar{n}p)$	5535	5513	1	12229
5537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta\eta', \bar{B}^0 \to \pi^0\rho^+\bar{K}^0\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0\eta'\Sigma^0\bar{\Sigma}^-)$	994	993	1	12230
5538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^-\eta\omega\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega\omega D^+ D^{*+})$	5537	5515	1	12231
5539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, B^0 \to \pi^+\pi^+ K^* K^{*-} \bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\eta K^* K^{*-} D^- \bar{D}^{*-})$	214	214	1	12232
5540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\eta K^0 D^{*+}\Lambda\bar{\Sigma}_c^0)$	5539	5517	1	12233
5541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^0\bar{K}^* K^+ D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega K^0\bar{K}^* K^+ D^{*+} D_s^-)$	5540	5518	1	12234
5542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^- D^{*+} D_1^-)$	5541	5519	1	12235

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\rho^- D^{*+}\bar{D}^0)$	5542	5520	1	12236
5544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\omega D^{*+}D^{*+})$	5543	5521	1	12237
5545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^{*+}D^0D_s^{*-})$	5544	5522	1	12238
5546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to K^{*+}\bar{\Delta}^+\Omega_c^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*+}D^-\bar{\Delta}^+\Omega_c^{*0})$	5545	5523	1	12239
5547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^-)$	5546	5524	1	12240
5548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\bar{K}^*K^+D^-D^{*+})$	5547	5525	1	12241
5549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-K^{*+}D^{*+}D^0\bar{D}^{*0})$	5548	5526	1	12242
5550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^{*+}D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-K^{*+}D^{*+}D^0\bar{D}^0)$	5549	5527	1	12243
5551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\eta\bar{K}^0D_s^+$ $(e^+e^- \to \pi^-\eta\bar{K}^0\bar{K}^*\bar{D}^{*-}D_s^+D_s^+)$	5550	5528	1	12244
5552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega K^0K^-D^{*+}D^{*+})$	5551	5529	1	12245
5553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+D^0D^0D_s^{*-}p\bar{\Delta}^{++})$	996	995	1	12246
5554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^-\bar{D}^{*0}D_s^+D_s^{*-}D_1^+)$	5553	5531	1	12247
5555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D_2^{*+}D^{*0}D_s^{*-})$	5554	5532	1	12248
5556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+D_2^{*-}D_s^+D_s^-)$	5555	5533	1	12249
5557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+D^{*+}D_s^{*-})$	215	215	1	12250
5558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^-\pi^-\bar{K}^*K^+D^+D^-D_s^+)$	5557	5535	1	12251
5559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta'\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+K^+K^-\eta'D^-\bar{D}^{*-})$	5558	5536	1	12252

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega\omega D^+D^+D_s^-)$	5559	5537	1	12253
5561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^-D^+D^-D^{*+}\bar{D}^{*0})$	5560	5538	1	12254
5562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^+D^-)$	5561	5539	1	12255
5563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\eta D^-n\bar{p}, B^0 \to \rho^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^+\eta K^0\bar{K}^0K^+K^-D^-\bar{D}^{*-}n\bar{p})$	998	997	1	12256
5564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0K^0K^-K^{*-}D^{*+}D^{*+}\bar{D}^0)$	5563	5541	1	12257
5565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0})$	5564	5542	1	12258
5566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+D^-D_{s1}'^+)$	5565	5543	1	12259
5567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to e^+\nu_eD^-D^{*0}\bar{\Delta}^+\Sigma^+)$	5566	5544	1	12260
5568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0D^0D_1'^-)$	5567	5545	1	12261
5569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^0\rho^0\rho^+\eta\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta\eta\bar{D}^{*-}D_2^{*-}D_s^+)$	5568	5546	1	12262
5570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+D^{*0}n\bar{\Lambda}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega D^+D^{*0}n\bar{\Lambda})$	5569	5547	1	12263
5571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-\bar{\Delta}^-\Delta^0)$	5570	5548	1	12264
5572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta D^-D^0D_s^{*-})$	999	998	1	12265
5573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-D^0, \bar{B}^0 \to \rho^0\pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^+K^-D^-D^{*+}D^0)$	5572	5550	1	12266
5574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	5573	5551	1	12267
5575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi', \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+\psi')$	1000	999	1	12268
5576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^{*-}\bar{D}^{*-}D^0\bar{D}^{*0})$	16	16	1	12269

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^- D^+ p\bar{\Sigma}_c^{*0} a_1^-)$	5576	5554	1	12270
5578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+} D_1'^-)$	5577	5555	1	12271
5579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* n\bar{\Xi}_c'^0, \bar{B}^0 \to \rho^+K^*K^-D^0$ $(e^+e^- \to \rho^+K^*\bar{K}^*K^-D^0 n\bar{\Xi}_c'^0)$	5578	5556	1	12272
5580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ D^- D_s^{*+})$	5579	5557	1	12273
5581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*0}p\bar{p})$	5580	5558	1	12274
5582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	5581	5559	1	12275
5583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^+D^-D_s^+)$	5582	5560	1	12276
5584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta K^0\bar{K}^0, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^+)$	5583	5561	1	12277
5585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-})$	5584	5562	1	12278
5586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, B^0 \to \rho^+K^{*+}K^{*-}D^-$ $(e^+e^- \to \pi^-\rho^+K^{*+}K^{*+}K^{*-}D^-D^{*+}\bar{D}^{*-})$	5585	5563	1	12279
5587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\omega, \bar{B}^0 \to K^0\bar{K}^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega K^0\bar{K}^0D^{*+}D_s^-)$	5586	5564	1	12280
5588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+D^+\Delta^-\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\Delta^-\bar{p})$	1002	1001	1	12281
5589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta D^{*+}D_2^{*-})$	217	217	1	12282
5590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, B^0 \to \rho^+\eta\eta\omega D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\eta\omega\bar{K}^*K^+D^-\bar{D}^{*-})$	5589	5567	1	12283
5591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\omega D^-D^-)$	5590	5568	1	12284
5592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\eta_c D_1^-)$	5591	5569	1	12285
5593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-)$	5592	5570	1	12286

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega D^{*+}D_2^{*-}D_s^{*+})$	5593	5571	1	12287
5595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^- p\bar{\Delta}^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^0K^*D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega K^0K^*D^-D_s^- p\bar{\Delta}^+)$	5594	5572	1	12288
5596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*-})$	5595	5573	1	12289
5597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\omega D^-D^{*+})$	5596	5574	1	12290
5598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_{s1}'^-)$	1004	1003	1	12291
5599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to D^{*+}D^{*0}p\bar{\Delta}^+a_1^-)$	5598	5576	1	12292
5600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^0D^+D^-n\bar{p})$	5599	5577	1	12293
5601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^*D_s^+$ $(e^+e^- \to \pi^-\pi^-\eta\eta\bar{K}^*D^{*+}D_s^+)$	5600	5578	1	12294
5602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^-K^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	5601	5579	1	12295
5603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*D^+D^-p\bar{p})$	5602	5580	1	12296
5604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	5603	5581	1	12297
5605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	5604	5582	1	12298
5606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-)$	5605	5583	1	12299
5607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^+D^-n\bar{n}$ $(e^+e^- \to \pi^+\pi^-D^-\bar{D}^0D_s^{*+}n\bar{n})$	1005	1004	1	12300
5608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0n\bar{n})$	5607	5585	1	12301
5609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+D^0n\bar{\Delta}^0)$	5608	5586	1	12302
5610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^-K^0K^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^0K^+\bar{D}^{*0}D_s^-)$	5609	5587	1	12303

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to D_2^{*-}D_s^+D_s^-D_1^+)$	218	218	1	12304
5612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \rho^0K^0K^+K^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0K^0K^+K^-D^-\bar{D}^{*0}D_{s1}'^+)$	5611	5589	1	12305
5613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D_s^+D_s^-, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\eta K^{*+}D^{*+}D_s^+D_s^-)$	219	219	1	12306
5614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^0\Delta^0\bar{\Delta}^+)$	5613	5591	1	12307
5615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^0)$	5614	5592	1	12308
5616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^+\omega K^-\eta_c$ $(e^+e^- \to \pi^+\omega K^-\bar{D}^{*-}\eta_c a_1^+\gamma)$	5615	5593	1	12309
5617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	5616	5594	1	12310
5618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^{*+}D^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-K^{*+}D^{*+}D^{*+}\bar{D}^0)$	5617	5595	1	12311
5619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\eta' D^0$ $(e^+e^- \to \pi^0\rho^+\eta' D^-D^0)$	5618	5596	1	12312
5620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^-\omega D^+D^+)$	5619	5597	1	12313
5621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+K^+K^{*-}D^-, \bar{B}^0 \to \eta\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0K^+K^{*-}D^+D^-\bar{D}^{*-})$	5620	5598	1	12314
5622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^-D^-D_s^{*+}$ $(e^+e^- \to \pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^{*0}D_s^{*+})$	5621	5599	1	12315
5623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^-D^{*+}D_s^{*+}\gamma)$	5622	5600	1	12316
5624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{D}^{*-})$	5623	5601	1	12317
5625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^+D_1^-)$	5624	5602	1	12318
5626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\eta K^{*-}D^-)$	5625	5603	1	12319
5627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\eta\eta' D^0$ $(e^+e^- \to \rho^0\eta K^+\eta'\bar{D}^{*-}D^0D^{*0})$	5626	5604	1	12320

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 K^+ D^+ D_s^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^- K^0 K^+ D^+ D^+ D_s^-)$	5627	5605	1	12321
5629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	5628	5606	1	12322
5630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^- D^{*+} p\bar{\Delta}^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- D^+ D^{*+} p\bar{\Delta}^+)$	5629	5607	1	12323
5631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^- \bar{\Sigma}^+\Xi^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 K^+ D^- D^{*+}\bar{\Sigma}^+\Xi^-)$	5630	5608	1	12324
5632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^+ D^- D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 K^+ D^- D^{*+} D^{*0})$	5631	5609	1	12325
5633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-\bar{\Delta}^+\Sigma_c^{++})$	5632	5610	1	12326
5634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^- D^{*0})$	1008	1007	1	12327
5635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega K^+ D^- D^{*+} D^{*0})$	5634	5612	1	12328
5636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-\bar{p}\Delta^+, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^-\rho^+\omega K^0\bar{K}^* D^+ D^-\bar{p}\Delta^+)$	5635	5613	1	12329
5637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}\gamma, \bar{B}^0 \to \rho^0 K^* K^{*-} D^+$ $(e^+e^- \to \rho^0 K^0 K^* K^{*-} D^+ D^- D^{*+}\gamma)$	5636	5614	1	12330
5638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^0 D^{*+} D^{*+}\bar{D}^{*-})$	5637	5615	1	12331
5639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^* K^+\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\bar{K}^* K^+\phi D^+\bar{D}^{*-})$	5638	5616	1	12332
5640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	1009	1008	1	12333
5641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^- K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0 K^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^0)$	5640	5618	1	12334
5642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+ K^* K^- K^{*+} D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+ K^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^* K^- K^{*+} K^{*-} D^{*+})$	5641	5619	1	12335
5643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^- K^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^- K^+ D^{*+})$	1010	1009	1	12336
5644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^* D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^+ K^0\bar{K}^* D^- D^{*+} a_1^-)$	5643	5621	1	12337

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\eta\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	5644	5622	1	12338
5646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\eta_c D_1'^-)$	220	220	1	12339
5647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+D_1^+D_{s1}'^-)$	5646	5624	1	12340
5648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*0}D_s^-)$	5647	5625	1	12341
5649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+K^-K^{*+}K^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^-K^{*+}K^{*+}K^{*-}\bar{D}^{*-}D^0)$	5648	5626	1	12342
5650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}D^{*0})$	5649	5627	1	12343
5651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-D_2^{*+}D_s^-\bar{\Delta}^+\Sigma_c^{++})$	5650	5628	1	12344
5652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0\bar{K}^*D^-\bar{\Sigma}^{*0}\Xi_c^{*+})$	5651	5629	1	12345
5653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\rho^-K^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{D}^{*-})$	5652	5630	1	12346
5654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \eta\omega\bar{K}^0K^+D^-D^{*+}D_s^{*-})$	5653	5631	1	12347
5655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^0\pi^0K^0\psi(3770)$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0D_2^{*-}\psi(3770))$	5654	5632	1	12348
5656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}D^0)$	5655	5633	1	12349
5657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	5656	5634	1	12350
5658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^0\phi D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\phi D^+D^-D^-)$	5657	5635	1	12351
5659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \pi^-\rho^+D^0D_s^-p\bar{\Sigma}_c^{*0})$	5658	5636	1	12352
5660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^-D^{*+})$	5659	5637	1	12353
5661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0})$	1012	1011	1	12354

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to J/\psi\bar{K}_1^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^+ J/\psi\bar{K}_1^0)$	5661	5639	1	12355
5663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{\Delta}^0, \bar{B}^0 \to \pi^-\rho^+ D^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{D}^0 D^{*0} n\bar{\Delta}^0)$	5662	5640	1	12356
5664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \rho^-\eta\omega D^+ J/\psi K_1^0)$	5663	5641	1	12357
5665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\eta' D^-, \bar{B}^0 \to \rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\omega\eta' D^+ D^-)$	5664	5642	1	12358
5666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^+ J/\psi, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\pi^- K^+ K^- J/\psi\bar{\Delta}^0\Sigma_c^{*+})$	5665	5643	1	12359
5667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^- D^+\bar{D}^{*-} a_1^+)$	54	54	1	12360
5668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^+ D^{*+}\bar{D}^{*-} D^{*0})$	5667	5645	1	12361
5669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{K}^0 K^* K^+ K^-$ $(e^+e^- \to \bar{K}^0\bar{K}^0\bar{K}^0 K^* K^+ K^- D^+\bar{D}^{*-})$	5668	5646	1	12362
5670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^-\omega\eta'\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^-\eta\omega D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\eta' D^-\bar{D}^{*0})$	5669	5647	1	12363
5671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\omega\bar{D}^{*-} D^{*0} D_s^{*+})$	5670	5648	1	12364
5672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega K^0 D^{*0}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\omega K^0\bar{K}^* D^- D^{*+} D^{*0})$	5671	5649	1	12365
5673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^0\chi_{c2} n\bar{n})$	5672	5650	1	12366
5674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{K}^0 D^-)$	5673	5651	1	12367
5675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+ D^-\bar{p}\Sigma_c^+)$	5674	5652	1	12368
5676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}\gamma, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 D^+ D^- D_s^{*+}\gamma)$	5675	5653	1	12369
5677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^+ D^- D_s^+)$	5676	5654	1	12370
5678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^- K^+ K^{*-} D^+ D^{*+}\bar{D}^{*-}\bar{D}^0)$	5677	5655	1	12371

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to \pi^0\pi^-K^+\chi_{c2}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^+D^-\chi_{c2})$	5678	5656	1	12372
5680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^{*+}\bar{D}^{*-}D^0D^{*0}D_s^{*-})$	5679	5657	1	12373
5681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\omega D^-, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\omega\omega K^0K^-D^-D^{*+})$	5680	5658	1	12374
5682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta K^{*-}D^-D^{*+}\bar{D}^{*0})$	5681	5659	1	12375
5683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	5682	5660	1	12376
5684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\omega\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\eta K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\omega\omega K^+K^-\bar{D}^0D^{*0}\bar{D}^{*0})$	5683	5661	1	12377
5685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+D^-D^{*0}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\eta K^+D^+D^-D^{*0})$	5684	5662	1	12378
5686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\omega\bar{K}^0D^+\bar{D}^{*-})$	1014	1013	1	12379
5687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	5686	5664	1	12380
5688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_s^+D_s^-)$	5687	5665	1	12381
5689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+K^0K^0\bar{K}^0K^-D^+\bar{D}^{*-})$	5688	5666	1	12382
5690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\bar{K}^0D^-D^{*+})$	5689	5667	1	12383
5691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\pi^-, B^0 \to \pi^+\omega K^0K^0K^+K^-D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\omega K^0K^0K^+K^-D_s^{*-})$	1015	1014	1	12384
5692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_1'^+, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \rho^-D^{*+}a_1^-D_1'^+\gamma)$	5691	5669	1	12385
5693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\eta_c, B^0 \to \pi^0\pi^-p\bar{\Sigma}_c^0$ $(e^+e^- \to \pi^0\pi^-K^0\eta_cp\bar{\Sigma}_c^0)$	5692	5670	1	12386
5694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^0K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0K^+K^+K^-K^-D^+\bar{D}^{*-})$	5693	5671	1	12387
5695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^-D^{*+})$	5694	5672	1	12388

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^0K^*D^-D^0D^{*0}\bar{D}^{*0})$	5695	5673	1	12389
5697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\eta D^-\bar{n}\Delta^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}\bar{n}\Delta^+)$	5696	5674	1	12390
5698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-D_1^+\gamma$ $(e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}D_1^+\gamma)$	5697	5675	1	12391
5699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-D^0D_s^{*+}D_s^{*-})$	5698	5676	1	12392
5700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}D_{s1}'^+)$	222	222	1	12393
5701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^0\rho^+\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+\omega D^-D^-)$	5700	5678	1	12394
5702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^-D^{*+})$	5701	5679	1	12395
5703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \eta\bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \eta\bar{K}^0\bar{K}^*K^-D^{*+}D_s^{*+}D_s^{*-})$	5702	5680	1	12396
5704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\rho^-K^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^+\rho^-\rho^-K^{*-}\bar{D}^{*-}D^{*0})$	1017	1016	1	12397
5705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-n\bar{n}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}n\bar{n})$	5704	5682	1	12398
5706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta\omega\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\eta\omega\omega\bar{D}^{*-}D^{*0})$	5705	5683	1	12399
5707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^{*-}D^+D^-\bar{D}^{*0}D_s^+)$	5706	5684	1	12400
5708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^0D_s^{*+})$	5707	5685	1	12401
5709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\omega\omega D^+D^{*+})$	1018	1017	1	12402
5710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^0D_s^{*-}\Delta^+\bar{\Xi}_c^{*-})$	55	55	1	12403
5711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^+K^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^-D^{*+}a_1^-)$	5710	5688	1	12404
5712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+D^0D_s^{*-}D_1'^-)$	5711	5689	1	12405

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0K^+\bar{D}^{*-}D_1^+)$	5712	5690	1	12406
5714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\rho^-K^*D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-K^*D^+D^{*+})$	5713	5691	1	12407
5715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}p\bar{p}D_{s1}'^+)$	5714	5692	1	12408
5716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^*D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^{*0}D_s^{*+})$	5715	5693	1	12409
5717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^+\pi^-K^0D^{*0}\bar{D}^{*0}D_s^-D_1^+)$	5716	5694	1	12410
5718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to K^+K^-D^+D_s^-$ $(e^+e^- \to K^+K^-D^+D_s^+D_s^-D_1'^-)$	1020	1019	1	12411
5719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-D_1^+)$	5718	5696	1	12412
5720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+)$	5719	5697	1	12413
5721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^-\eta D^{*+}D^{*+}\Delta^-\bar{n})$	5720	5698	1	12414
5722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^-\bar{n}p, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^*D^+D^-\bar{n}p)$	5721	5699	1	12415
5723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	5722	5700	1	12416
5724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}\bar{D}^0)$	5723	5701	1	12417
5725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0D^+D_s^-\chi_{c1})$	1021	1020	1	12418
5726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\omega\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	5725	5703	1	12419
5727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0\bar{\Sigma}^{*0}\Omega_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}\bar{\Sigma}^{*0}\Omega_c^0)$	5726	5704	1	12420
5728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D_s^+D_s^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^+\bar{D}^{*-}D_s^+D_s^-)$	5727	5705	1	12421
5729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega D^-D^{*0})$	5728	5706	1	12422

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^+K^-D^+D^+D_s^{*-})$	5729	5707	1	12423
5731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \omega K^0K^{*-}D^+$ $(e^+e^- \to \omega K^0K^+K^-K^{*-}D^+\bar{D}^{*-}\bar{n}p)$	5730	5708	1	12424
5732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+K^+K^-D^+D^-D_s^-)$	5731	5709	1	12425
5733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\eta\bar{K}^0K^-D_s^+$ $(e^+e^- \to \pi^0\eta\bar{K}^0K^*K^-D^-D^{*+}D_s^+)$	17	17	1	12426
5734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\omega K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	5733	5711	1	12427
5735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-K^0\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-})$	5734	5712	1	12428
5736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\rho^-D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-D^+D^-\Sigma^+\bar{\Sigma}^-)$	5735	5713	1	12429
5737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^-D^{*+}\bar{D}^{*0})$	5736	5714	1	12430
5738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\eta\omega\bar{K}^*K^+K^-D^+D^-\bar{D}^{*-})$	5737	5715	1	12431
5739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+D^+D^{*0})$	5738	5716	1	12432
5740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\omega\bar{K}^0K^*K^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\omega\bar{K}^0K^*K^{*+}D^{*+}\gamma)$	5739	5717	1	12433
5741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+K^0K^0\bar{K}^0K^-D^-D^{*+})$	5740	5718	1	12434
5742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^+D^-\bar{D}^{*-})$	5741	5719	1	12435
5743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^{*0})$	5742	5720	1	12436
5744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\rho^-\omega\bar{K}^*$ $(e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^*D^-D^{*+})$	5743	5721	1	12437
5745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}\bar{\Delta}^0p)$	5744	5722	1	12438
5746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega\bar{K}^0K^*\bar{K}^*$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega\bar{K}^0K^*\bar{K}^*D_1^-)$	5745	5723	1	12439

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0 D^- D_1'^+)$	5746	5724	1	12440
5748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^0, \bar{B}^0 \to \bar{K}^0\phi J/\psi$ $(e^+e^- \to \pi^-\bar{K}^0 K^{*+}\phi D^0 J/\psi)$	1023	1022	1	12441
5749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \rho^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+ D^-\bar{p}\Xi_c'^+)$	5748	5726	1	12442
5750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-})$	5749	5727	1	12443
5751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}\gamma, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^- D^- D_s^{*+}\bar{n}\Sigma_c^+\gamma)$	5750	5728	1	12444
5752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \pi^+\eta K^-\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^- D^{*+}\bar{D}^0 D^{*0})$	1024	1023	1	12445
5753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*0})$	57	57	1	12446
5754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-} D_s^+)$	1026	1025	1	12447
5755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta' D^-, \bar{B}^0 \to \pi^0\pi^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+ K^0 K^-\eta' D^+ D^-)$	5754	5731	1	12448
5756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to K^{*-} D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^- K^{*-} D^+ D^-\bar{D}^{*0} D_s^{*+})$	5755	5732	1	12449
5757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	5756	5733	1	12450
5758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^* K^{*-}\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^0 K^* K^{*-}\eta' D^+\bar{D}^{*-})$	5757	5734	1	12451
5759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{K}^0 K^* D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0 K^* K^- D^- D^{*+}\bar{D}^0)$	5758	5735	1	12452
5760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-} n\bar{n})$	5759	5736	1	12453
5761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^0)$	5760	5737	1	12454
5762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^{*+}\phi D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 K^{*+}\phi D^- D^{*+})$	5761	5738	1	12455
5763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0 D^{*+} D^{*+}\bar{D}^{*-})$	5762	5739	1	12456

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\bar{D}^{*0}\bar{\Delta}^{++}\Sigma^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0D^-\bar{D}^{*0}\bar{\Delta}^{++}\Sigma^{*+})$	5763	5740	1	12457
5765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta D^{*+}\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta D^{*+}D^{*+}\bar{D}^0)$	5764	5741	1	12458
5766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^0D^{*+}\bar{D}^{*-})$	1027	1026	1	12459
5767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega\eta'D^+\bar{D}^{*0})$	5766	5743	1	12460
5768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\Delta^0\bar{\Sigma}_c^0)$	5767	5744	1	12461
5769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	5768	5745	1	12462
5770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}\gamma)$	5769	5746	1	12463
5771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*+}n\bar{n})$	1028	1027	1	12464
5772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-K^*D^-, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^*D^+D^-)$	5771	5748	1	12465
5773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\bar{D}^{*-}D_2^{*+})$	5772	5749	1	12466
5774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^0D_s^-n\bar{n})$	5773	5750	1	12467
5775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	5774	5751	1	12468
5776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-K^0\bar{K}^0\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^0\bar{K}^0\bar{K}^0K^+D^{*+}D_s^{*+}D_1^-)$	5775	5752	1	12469
5777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega K^*D^+D^-D^{*+})$	5776	5753	1	12470
5778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0\eta'$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+\eta'D^-D^{*+})$	5777	5754	1	12471
5779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+K^*K^-D^+D^+D^-\bar{D}^{*-})$	5778	5755	1	12472
5780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^*D^{*+}D^{*0}\bar{D}^{*0})$	5779	5756	1	12473

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	5780	5757	1	12474
5782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^{*-}D^+D_2^{*-}\bar{D}^0D_s^+)$	1029	1028	1	12475
5783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D_0^{*+}D_1'^-)$	5782	5759	1	12476
5784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}a_1^-)$	5783	5760	1	12477
5785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^-K^+D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0K^+D^+D^-D^{*+}D_s^-)$	5784	5761	1	12478
5786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	5785	5762	1	12479
5787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0K^-D^+\bar{D}^{*0}n\bar{\Sigma}_c^0)$	5786	5763	1	12480
5788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega K^-D^-\bar{D}^{*0})$	5787	5764	1	12481
5789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-})$	5788	5765	1	12482
5790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega K^+D^-D^{*0}D^{*0})$	1030	1029	1	12483
5791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-\pi^-\bar{n}\bar{\Delta}^+\Sigma_c^+\Sigma_c^{*++})$	5790	5767	1	12484
5792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*-})$	5791	5768	1	12485
5793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+D^+D^{*0})$	5792	5769	1	12486
5794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	5793	5770	1	12487
5795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-K^0K^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-K^0K^+K^-\bar{D}^{*-}D^{*0})$	5794	5771	1	12488
5796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^-\eta\eta D^+\bar{D}^{*0})$	5795	5772	1	12489
5797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\bar{D}^{*-}D_1^-)$	1031	1030	1	12490

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^+K^-D^0\bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}D^0\bar{p}\Lambda)$	5797	5774	1	12491
5799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^0)$	5798	5775	1	12492
5800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D^{*+}\bar{D}^{*-}a_1^-)$	5799	5776	1	12493
5801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^0\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^0D^-\bar{D}^0D^{*0})$	226	226	1	12494
5802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta K^+\bar{D}^0, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0K^+\bar{D}^0D_s^{*+}D_s^{*-})$	1033	1032	1	12495
5803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^-D^{*+}D_1^-)$	5802	5779	1	12496
5804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^0\rho^+K^+K^-D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+K^+K^-D^-\bar{D}^{*-})$	5803	5780	1	12497
5805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\rho^0\omega D^{*0}$ $(e^+e^- \to \rho^0\rho^0\omega D_2^{*-}D^{*0}D_s^+)$	1034	1033	1	12498
5806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0K^{*+}D^+D^-D^-D^0)$	5805	5782	1	12499
5807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-\omega\eta'D^+p\bar{\Sigma}_c^0)$	5806	5783	1	12500
5808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-})$	5807	5784	1	12501
5809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	5808	5785	1	12502
5810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^+\bar{D}^0D^{*0})$	1035	1034	1	12503
5811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^0D^{*+}\eta_c)$	1036	1035	1	12504
5812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega p\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\omega D^{*+}p\bar{\Lambda}_c^-)$	5811	5788	1	12505
5813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\rho^+D^-\bar{p}\Sigma_c^{*0})$	1037	1036	1	12506
5814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta D^+D^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^+D^-D_2^{*+})$	5813	5790	1	12507

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	227	227	1	12508
5816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D_2^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^-D^{*+}D_2^{*+}D_s^-)$	5815	5792	1	12509
5817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	5816	5793	1	12510
5818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*-})$	5817	5794	1	12511
5819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^{*0}\Sigma^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{\Sigma}^{*0}\Sigma^{*+}D_0^{*+})$	5818	5795	1	12512
5820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\eta'D^-D^{*+}a_1^-)$	5819	5796	1	12513
5821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^*D^-D^{*+})$	5820	5797	1	12514
5822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta D^-D^{*+})$	5821	5798	1	12515
5823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-D^+D^-n\bar{n})$	1039	1038	1	12516
5824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to D^-D^{*0}p\bar{\Delta}^+a_1^+)$	5823	5800	1	12517
5825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	5824	4706	1	12518
5826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\omega D^-D^{*+})$	5825	5801	1	12519
5827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\rho^-\omega D^+D_1^+)$	5826	5802	1	12520
5828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+, \bar{B}^0 \to \pi^0\pi^-\rho^+D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^-\rho^+D^+\Delta^-\bar{\Delta}^0)$	5827	5803	1	12521
5829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\psi', \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}\bar{D}^0\psi')$	1040	1039	1	12522
5830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^+D^-)$	228	228	1	12523
5831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^-D^-D^{*+}\bar{D}^0)$	5830	5806	1	12524

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} K^{*-} \phi D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- K^0 K^- K^{*+} K^{*-} \phi D^+ D_s^+)$	5831	5807	1	12525
5833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0 D^- D^{*0} D_s^+)$	5832	5808	1	12526
5834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^0 \bar{D}^{*0}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to K^* D^{*+} D^0 \bar{D}^{*0} a_1^-)$	5833	5809	1	12527
5835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^- D^{*+} \bar{D}^{*-})$	1042	1041	1	12528
5836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+ \bar{D}^{*-} D^0 D_1^+)$	5835	5811	1	12529
5837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \bar{K}^0 K^{*+} \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0 \bar{K}^0 K^{*+} \bar{D}^{*-} D_1^+)$	5836	5812	1	12530
5838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega \bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega K^- D^{*+} \bar{D}^{*-} \bar{D}^0)$	5837	5813	1	12531
5839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^0$ $(e^+e^- \to \tau^+\nu_\tau \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- \bar{D}^{*-} D^0)$	5838	5814	1	12532
5840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega \bar{K}^0 K^+ \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \omega\omega \bar{K}^0 K^+ D^{*+} \bar{D}^{*-})$	1043	1042	1	12533
5841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega \bar{D}^{*-}\gamma\gamma, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^- \bar{K}^0 D_s^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega \bar{K}^0 \bar{D}^{*-} D_s^+ \gamma\gamma)$	5840	5816	1	12534
5842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^0 D^{*0} \bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^0 D^- D^{*0} \bar{D}^{*0})$	5841	5817	1	12535
5843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \eta \bar{K}^0 D^0$ $(e^+e^- \to e^+\nu_e \eta \bar{K}^0 D^- D^0)$	1044	1043	1	12536
5844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega \bar{K}^0 K^+ K^+ K^- \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^0\omega \bar{K}^0 \bar{K}^* K^+ K^+ K^- D^{*+} \bar{D}^{*-} \bar{D}^{*-})$	229	229	1	12537
5845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ K^0 \bar{K}^0 D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^0 \bar{K}^0 D^+ D^-)$	5844	5820	1	12538
5846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\omega\omega \bar{D}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\eta K^0 D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega K^0 D^+ \bar{D}^0)$	5845	5821	1	12539
5847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 \bar{K}^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \rho^+ K^0 \bar{K}^0 D^- D_1^+)$	1046	1045	1	12540
5848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^+, B^0 \to \pi^0\rho^0\rho^0 K^0 \eta_c$ $(e^+e^- \to \pi^0\rho^0\rho^0 K^0 \bar{D}^{*-} D_s^+ \eta_c)$	5847	5823	1	12541

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	5848	5824	1	12542
5850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^{*+}D^{*+}D_{s1}^-)$	5849	5825	1	12543
5851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-\gamma\gamma$ $(e^+e^- \to \pi^-K^+D_2^{*+}D^{*0}\bar{D}^{*0}D_s^-\gamma\gamma)$	5850	5826	1	12544
5852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD_2^{*+}D_0^{*+})$	5851	5827	1	12545
5853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	5852	5828	1	12546
5854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^+D^-)$	5853	5829	1	12547
5855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{D}^{*-}D^{*0})$	1047	1046	1	12548
5856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{\Delta}^+\Sigma_c^{*0}D_1^-)$	5855	5831	1	12549
5857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^+\rho^+\rho^-\rho^-D^+D^-)$	5856	5832	1	12550
5858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^+K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^-K^{*-}D^{*+}D^0\bar{D}^{*0})$	5857	5833	1	12551
5859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^*K^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^+\bar{K}^*K^+D^-D_2^{*-})$	5858	5834	1	12552
5860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0\bar{K}^0D^{*+}D_2^{*+}D_s^{*-})$	5859	5835	1	12553
5861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\omega D^+D^-)$	5860	5836	1	12554
5862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-)$	5861	5837	1	12555
5863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^-\bar{n}p\Sigma_c^+\bar{\Sigma}_c^-)$	5862	5838	1	12556
5864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^-D_s^+, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to \omega\phi D^-D^0D_s^+)$	5863	5839	1	12557
5865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*D_2^{*-}D^{*0}\bar{D}^{*0}D_s^{*+})$	5864	5840	1	12558

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	5865	5841	1	12559
5867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-})$	1048	1047	1	12560
5868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^{*-}D^-D^0)$	5867	5843	1	12561
5869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0K^-\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0K^-D^+\bar{D}^0)$	5868	5844	1	12562
5870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\rho^+\omega\bar{D}^{*-}\bar{n}\Sigma_c^+\gamma)$	5869	5845	1	12563
5871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega D^{*+}D_1^-)$	5870	5846	1	12564
5872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^-D^+p\bar{p}$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}p\bar{p}a_1^+)$	5871	5847	1	12565
5873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-\gamma\gamma, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^*K^{*+}D^-D^{*+}\gamma\gamma)$	5872	5848	1	12566
5874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-D^{*+}D^{*+})$	1049	1048	1	12567
5875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\bar{K}^0K^+D^+\bar{D}^0D^{*0})$	5874	5850	1	12568
5876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^-D^-D^{*+})$	5875	5851	1	12569
5877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\pi^-\rho^+\omega D^+D^{*+})$	5876	5852	1	12570
5878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\rho^-\eta\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}D^0a_1^+)$	5877	5853	1	12571
5879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-D^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\eta D^+D^{*+}\bar{D}^0)$	5878	5854	1	12572
5880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^-D^{*+})$	5879	5855	1	12573
5881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*J/\psi, B^0 \to \pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega K^*\bar{D}^{*-}J/\psi)$	5880	5856	1	12574
5882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega\bar{K}^0K^+\bar{D}^{*-}D^0)$	5881	5857	1	12575

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^- \omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega D^+ D^+ \bar{D}^{*-})$	5882	5858	1	12576
5884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D^{*+} \bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\rho^- K^0 D^+ D^{*+} \bar{D}^0)$	5883	5859	1	12577
5885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^* D^{*+} \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e \bar{K}^* D^- D^{*+} \bar{D}^{*-})$	5884	5860	1	12578
5886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} \bar{D}^{*-} D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+} \bar{D}^{*-} D^0 D_1'^+)$	230	230	1	12579
5887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+ D^{*+} \bar{D}^{*-})$	1051	1050	1	12580
5888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \rho^0 K^+ D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0 K^+ D_s^- D_1'^-)$	5887	5863	1	12581
5889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta \bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\eta D^{*+} \bar{D}^{*-})$	5888	5864	1	12582
5890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n \bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\omega D_2^{*+} n\bar{\Sigma}_c^0)$	5889	5865	1	12583
5891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+ D^{*0} D_s^{*-})$	5890	5866	1	12584
5892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^- D^+ J/\psi K_1^0)$	5891	5867	1	12585
5893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta \bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\eta D^{*+} \bar{D}^{*-})$	5892	5868	1	12586
5894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0 K^+ D^-)$	5893	5869	1	12587
5895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_{s1}'^-\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^+\eta\eta K^0 K^- K^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\eta K^0 K^- K^- D^+ D^0 D_{s1}'^-\gamma)$	5894	5870	1	12588
5896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^- D^{*+})$	5895	5871	1	12589
5897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^- D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^- D^- \bar{D}^{*-} D_s^{*+})$	5896	5872	1	12590
5898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^- D^{*+})$	5897	5873	1	12591
5899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^+ D^- D_s^{*-})$	5898	5874	1	12592

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^{*+} n\bar{\Sigma}_c^0)$	5899	5875	1	12593
5901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^- D_s^{*+}, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0K^+D^-\bar{D}^{*-}D_s^{*+})$	5900	5876	1	12594
5902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+D^-D^{*+})$	5901	5877	1	12595
5903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\eta D^- D_2^{*+}D_s^{*-})$	1052	1051	1	12596
5904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^*K^{*+}D^-D_1'^+)$	5903	5879	1	12597
5905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\rho^+K^{*-}D^-$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+K^{*-}D^-D^{*+})$	5904	5880	1	12598
5906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^*\bar{D}^{*-}, \bar{B}^0 \to K^*J/\psi$ $(e^+e^- \to \rho^0\pi^+\eta K^*K^*\bar{D}^{*-}J/\psi)$	5905	5881	1	12599
5907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-)$	1053	1052	1	12600
5908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^{*+}\bar{D}^{*0}D_s^{*+}D_s^{*-})$	5907	5883	1	12601
5909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_{s0}^{*+})$	1054	1053	1	12602
5910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^+D^{*+}D_s^-)$	5909	5885	1	12603
5911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\omega\omega D^+\bar{D}^{*-})$	5910	5886	1	12604
5912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^0)$	5911	5887	1	12605
5913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-K^+D^+D^+D^-D_s^{*-})$	5912	5888	1	12606
5914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \pi^+\pi^-D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-K_2^{*0}D^-D^{*+}J/\psi)$	5913	5889	1	12607
5915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^-\bar{\Sigma}^+\Xi_c^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^+K^+K^-K^-\bar{D}^{*-}\bar{\Sigma}^+\Xi_c^0)$	5914	5890	1	12608
5916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\rho^-D_2^{*-}\bar{n}\Lambda_c^+)$	5915	5891	1	12609

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^+\rho^+\rho^-\rho^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	5916	5892	1	12610
5918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	5917	5893	1	12611
5919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\omega K^-\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	5918	5894	1	12612
5920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-D^{*0}D_s^{*-})$	5919	5895	1	12613
5921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0K^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^+\rho^-\omega K^+K^{*-}D^0\bar{D}^{*0})$	1055	1054	1	12614
5922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\eta D^+D_0^{*-})$	5921	5897	1	12615
5923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^+D^-)$	5922	5898	1	12616
5924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to K^0\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-})$	5923	5899	1	12617
5925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta'D^{*+}\bar{D}^{*-}D_s^-)$	5924	5900	1	12618
5926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^0)$	5925	5901	1	12619
5927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_s^-)$	5926	5902	1	12620
5928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}D_2^{*+})$	5927	5903	1	12621
5929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega K^0D^+D^{*+}\bar{D}^{*-})$	1056	1055	1	12622
5930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^+D^-\Delta^-\bar{\Delta}^0)$	5929	5905	1	12623
5931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+K^-D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D^+D^-D^-)$	5930	5906	1	12624
5932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+D^{*+}D_s^{*-}n\bar{\Sigma}_c^-)$	5931	5907	1	12625
5933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to K_SJ/\psi$ $(e^+e^- \to K_SD_s^+J/\psi D_1^-)$	1057	1056	1	12626

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	5933	5909	1	12627
5935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^{*+}, \bar{B}^0 \to \rho^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^+\omega D^-\bar{D}^{*-}D^{*0}D_s^{*+})$	5934	5910	1	12628
5936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega K^*D^+\bar{D}^{*0})$	5935	5911	1	12629
5937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^{*-}\phi D^{*+}$ $(e^+e^- \to \rho^0\pi^+\omega\omega K^0K^{*-}\phi D^{*+}\bar{D}^{*-})$	5936	5912	1	12630
5938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^*K^{*-}D^+\bar{D}^{*-})$	5937	5913	1	12631
5939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0\bar{K}^0K^+K^+D^-D^{*+})$	5938	5914	1	12632
5940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\bar{D}^{*-}D_2^{*+})$	5939	5915	1	12633
5941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\psi', B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK_S\bar{D}^{*-}\psi')$	5940	5916	1	12634
5942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_eX_u^-D^{*+}D_s^{*-})$	5941	5917	1	12635
5943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \rho^-\bar{K}^0\bar{K}^*K^+$ $(e^+e^- \to \rho^-\bar{K}^0\bar{K}^*K^+\bar{D}^{*-}a_1^+\gamma)$	5942	5918	1	12636
5944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^{*+}D_s^{*+})$	5943	5919	1	12637
5945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^-K^{*+}D^+\bar{D}^{*0}J/\psi)$	5944	5920	1	12638
5946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}\bar{n}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^{*0}n\bar{n}\Lambda\bar{\Sigma}_c^0)$	5945	5921	1	12639
5947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+D^{*0}n\bar{p}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}D^{*0}n\bar{p})$	5946	5922	1	12640
5948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^-\omega K^0D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^0D^+\bar{D}^{*-}\bar{D}^0)$	5947	5923	1	12641
5949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0\bar{K}^0\bar{K}^*\bar{D}^{*-})$	5948	5924	1	12642
5950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^-\rho^-\bar{K}^*K^+K^{*+}D^+D^-D^{*0})$	5949	5925	1	12643

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta\omega D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\omega\omega K^0\bar{K}^0D^+D^+)$	5950	5926	1	12644
5952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^-D^{*+})$	1058	1057	1	12645
5953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	5952	5928	1	12646
5954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	5953	5929	1	12647
5955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\eta'$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega\eta'D^-)$	5954	5930	1	12648
5956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	5955	5931	1	12649
5957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	1059	1058	1	12650
5958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^+D^-\bar{\Delta}^-\Delta^0)$	5957	5933	1	12651
5959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \eta D^-\bar{n}\bar{\Sigma}^+\Sigma^0\Sigma_c^0)$	5958	5934	1	12652
5960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta D^+D^-)$	5959	5935	1	12653
5961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^-\eta\eta'D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta\eta'D^-D^{*+})$	5960	5936	1	12654
5962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \omega K^{*-}D^+\bar{D}^{*0}p\bar{\Sigma}_c^{*-})$	5961	5937	1	12655
5963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+D^-)$	5962	5938	1	12656
5964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^0K^+D^+D^-)$	1060	1059	1	12657
5965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	5964	5940	1	12658
5966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta D^+D^-D_{s1}'^+)$	1061	1060	1	12659
5967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-D^-D_2^{*+}D_s^{*-})$	5966	5942	1	12660

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{n}\Sigma_c^+)$	5967	5943	1	12661
5969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^{*+}D^+D^{*0})$	5968	5944	1	12662
5970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \omega D^{*+}D_s^-p\bar{\Sigma}_c^-)$	5969	5945	1	12663
5971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^+K^-D^+\bar{D}^{*-})$	5970	5946	1	12664
5972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+K^+K^{*-}D^+\bar{D}^{*-}D_s^-)$	5971	5947	1	12665
5973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-D^{*+}\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^-K^+D^{*+}\bar{D}^{*-}D^{*0}\Delta^{++}\bar{\Delta}^{++})$	5972	5948	1	12666
5974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^*D_s^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D_s^+)$	5973	5949	1	12667
5975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	5974	5950	1	12668
5976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	5975	5951	1	12669
5977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\eta\omega D^+D^{*+})$	5976	5952	1	12670
5978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+D^+\bar{D}^{*-})$	5977	5953	1	12671
5979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^*K^-D^+\bar{D}^{*-}D_s^{*+})$	5978	5954	1	12672
5980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}^+)$	1062	1061	1	12673
5981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	5980	5956	1	12674
5982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0})$	5981	5957	1	12675
5983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}D_1^-)$	5982	5958	1	12676
5984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-\omega D^+D^{*+})$	1063	1062	1	12677

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
5985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^+D^-)$	5984	5960	1	12678
5986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to e^+\nu_e D^- D^{*+}a_1^-\gamma)$	5985	5961	1	12679
5987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^0D_s^-)$	5986	5962	1	12680
5988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-D^{*+}p\bar{\Delta}^+$ $(e^+e^- \to \pi^-D^{*+}D^{*+}D_s^{*-}p\bar{\Delta}^+)$	5987	5963	1	12681
5989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+)$	5988	5964	1	12682
5990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-\bar{n}p)$	5989	5965	1	12683
5991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0\bar{K}^0K^*K^+D^+\bar{D}^{*-})$	5990	5966	1	12684
5992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^0\bar{D}^0\Delta^+\bar{\Sigma}^-)$	1064	1063	1	12685
5993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^0\bar{n}\Delta^0)$	5992	5968	1	12686
5994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^-\omega\bar{K}^*K^{*+}D^+D^-)$	5993	5969	1	12687
5995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D_1^-D_1'^+)$	1065	1064	1	12688
5996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \rho^0\eta\bar{K}^*K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\eta\bar{K}^*K^+D^-D_0^{*-})$	5995	5971	1	12689
5997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\omega D^{*0}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega K^0K^{*-}D^{*+}D^{*0})$	5996	5972	1	12690
5998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}D^{*+})$	5997	5973	1	12691
5999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^-\eta K^+K^-D^+$ $(e^+e^- \to \rho^-\eta K^+K^-D^+\bar{D}^{*-}a_1^+)$	5998	5974	1	12692
6000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta K^0\bar{K}^0D^{*+}\bar{D}^0)$	5999	5975	1	12693
6001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\bar{K}^0D^-D_s^+, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-D^{*0}D_s^+)$	6000	5976	1	12694

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+K^-D^-D^{*+}\bar{D}^0\bar{\Delta}^-\Delta^-)$	6001	5977	1	12695
6003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^{*+}\Delta^+\bar{\Lambda}_c^-)$	6002	5978	1	12696
6004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to K^*D^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^+\omega K^*D^-D^{*+}\bar{D}^{*-}\gamma)$	6003	5979	1	12697
6005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\rho^-D^+D^{*+})$	6004	5980	1	12698
6006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}a_1^+)$	6005	5981	1	12699
6007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta K^{*+}D^+\bar{D}^0)$	1066	1065	1	12700
6008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	6007	5983	1	12701
6009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}a_1^-)$	6008	5984	1	12702
6010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	6009	5985	1	12703
6011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}\chi_{c1})$	6010	5986	1	12704
6012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^-\bar{D}^{*-}\chi_{c1})$	6011	5987	1	12705
6013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+e^+\nu_e\nu_e\pi^0\pi^-\bar{D}^{*0}D_1'^-)$	6012	5988	1	12706
6014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \rho^0\pi^+\rho^-\eta\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\rho^-\eta D^-\bar{D}^0)$	6013	5989	1	12707
6015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+\rho^-K^{*-}D^{*+}\bar{D}^{*0})$	6014	5990	1	12708
6016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	6015	4667	1	12709
6017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}\bar{p}\Delta^{++})$	6016	5991	1	12710
6018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta'D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta'D^+D_2^{*-})$	1067	1066	1	12711

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^+\eta K^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\eta K^- D^- D^{*0})$	6018	5993	1	12712
6020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta D^- D^{*+}\bar{\Delta}^-\Delta^- n\bar{n})$	6019	5994	1	12713
6021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \omega K_2^{*0}$ $(e^+e^- \to \pi^+\eta\eta\omega K_2^{*0} D^-)$	1068	1067	1	12714
6022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^- D^{*+} D_2^{*-}\bar{D}^{*0})$	6021	5996	1	12715
6023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega D^+ D^{*+})$	6022	5997	1	12716
6024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^+\rho^+ K^- D^- D^0$ $(e^+e^- \to \pi^+\rho^+ K^0 K^- D^+ D^- D^- D^0)$	6023	5998	1	12717
6025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^-\bar{n}\Xi_c'^+$ $(e^+e^- \to e^+\nu_e\rho^-\bar{n}\Xi_c'^+ D_1'^-)$	6024	5999	1	12718
6026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^- D^+ D^- D_s^-\bar{\Delta}^-\Delta^0)$	6025	6000	1	12719
6027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^*, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^* D^+)$	6026	6001	1	12720
6028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^- K^0 D^+ D^{*+}\bar{D}^0)$	6027	6002	1	12721
6029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^+ K^- D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+ K^- D^- D^{*+})$	6028	6003	1	12722
6030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+ K^{*+} D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ K^{*+} D^-\bar{D}^{*-})$	6029	6004	1	12723
6031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+ D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^- K^+ D^{*+} D^{*0}\bar{D}^{*0})$	6030	6005	1	12724
6032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 K^+ D^+\bar{D}^{*-} D^{*0})$	6031	6006	1	12725
6033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^+ D_{s1}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^+ D^- D_{s1}^-)$	6032	6007	1	12726
6034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^+ D^{*+} D_s^{*-})$	1069	1068	1	12727
6035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^*\bar{K}^* D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+ K^*\bar{K}^* D^- D_1^+)$	6034	6008	1	12728

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0 D^+ D^- D_s^{*-})$	6035	6009	1	12729
6037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^+, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^-\eta\eta\phi D^+ D^- D_s^+)$	6036	6010	1	12730
6038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}, \bar{B}^0 \to \pi^+\pi^+\eta K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^{*-} D^{*+}\bar{D}^{*-})$	6037	6011	1	12731
6039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\eta D^{*+}\bar{D}^0)$	6038	6012	1	12732
6040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c'^0, \bar{B}^0 \to \eta\omega\bar{K}^*$ $(e^+e^- \to \pi^-\eta\omega\bar{K}^* p\bar{\Xi}_c'^0)$	6039	6013	1	12733
6041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^+\eta\omega D^+ D^- a_1^-)$	6040	6014	1	12734
6042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	6041	6015	1	12735
6043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0 K^- D^{*+}\bar{D}^{*-})$	6042	6016	1	12736
6044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^0\bar{K}^0 D^+\bar{D}^{*-})$	6043	6017	1	12737
6045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	6044	6018	1	12738
6046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\eta' D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\omega\eta'\bar{D}^{*-} D^0)$	6045	6019	1	12739
6047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^0\bar{K}^* D^+ D^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	6046	6020	1	12740
6048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega D^+\bar{D}^0 D_s^+)$	6047	6021	1	12741
6049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^- D^{*+}\bar{D}^{*-} n\bar{p})$	6048	6022	1	12742
6050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\pi^- K^{*+} D^+ D^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega K^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+ K^{*+} D^+ D^- D_s^{*-})$	6049	6023	1	12743
6051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-} D_s^{*+}\gamma)$	6050	6024	1	12744
6052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^- p\bar{\Lambda}_c^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-} p\bar{\Lambda}_c^-)$	6051	6025	1	12745

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+ K^0 D^{*+} D_s^+ D_s^{*-})$	6052	6026	1	12746
6054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\omega\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^0)$	6053	6027	1	12747
6055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^- D^{*+}\bar{D}^{*-})$	6054	6028	1	12748
6056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega K^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega K^- K^{*+} D_s^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	6055	6029	1	12749
6057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^- D^+\Sigma^{*+}\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+ D^-\Sigma^{*+}\bar{\Sigma}^{*-})$	6056	6030	1	12750
6058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega K^{*-} D^- D^{*+}\bar{D}^{*0})$	6057	6031	1	12751
6059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^- K^+ D^+ D^- D^{*0}\bar{D}^{*0})$	6058	6032	1	12752
6060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to D^{*0}\bar{n}\Delta^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*0} D^{*0}\bar{n}\Delta^0)$	6059	6033	1	12753
6061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^0, \bar{B}^0 \to \rho^0\eta'\eta'$ $(e^+e^- \to \rho^0 K^0\eta'\eta' D^0\bar{D}^0)$	231	231	1	12754
6062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^0 K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0 K^- D^- D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}^+)$	6061	6035	1	12755
6063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	6062	6036	1	12756
6064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0 D^-\psi')$	6063	6037	1	12757
6065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^-\omega\bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^-\omega\bar{K}^0 K^{*+} D^+\bar{D}^{*0})$	6064	6038	1	12758
6066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+ D^-\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to e^+\nu_e\pi^+ D^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	6065	6039	1	12759
6067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0\bar{K}^0 K^* K^+ D^-, \bar{B}^0 \to \pi^-\omega D^{*+} p\bar{p}$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0\bar{K}^0 K^* K^+ D^- D^{*+} p\bar{p})$	1071	1070	1	12760
6068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-} D^{*0} D_s^{*-})$	6067	6041	1	12761
6069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^- K^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^- K^0\bar{K}^*\bar{D}^{*0}\psi')$	6068	6042	1	12762

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^+)$	6069	6043	1	12763
6071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to K^0D^+\bar{D}^{*-}$ $(e^+e^- \to K^0D^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	6070	6044	1	12764
6072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\bar{K}^0\bar{K}^0K^*D^+D^-\bar{D}^{*-})$	6071	6045	1	12765
6073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega D^-D^{*+})$	6072	6046	1	12766
6074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+D^-, B^0 \to \pi^-K^+\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0\pi^-\rho^+K^+D^-\Lambda_c^+\bar{\Lambda}_c^-)$	6073	6047	1	12767
6075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0K^-D^-D^{*+})$	6074	6048	1	12768
6076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega\bar{D}^{*-}\bar{\Delta}^-p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^-p)$	6075	6049	1	12769
6077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{D}^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\rho^0\eta D^+\bar{D}^0a_1^-)$	6076	6050	1	12770
6078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	6077	6051	1	12771
6079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+D^-\bar{D}^{*-})$	6078	6052	1	12772
6080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^-D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D^0)$	6079	6053	1	12773
6081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0\rho^+D^-, B^0 \to \rho^0\pi^+\eta'D^-$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^+\eta'D^-D^-)$	6080	6054	1	12774
6082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \rho^0\rho^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\eta K^0\bar{K}^0D^-\bar{D}^{*-})$	232	232	1	12775
6083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0})$	6082	6056	1	12776
6084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^0\Delta^+\bar{\Delta}^+)$	6083	6057	1	12777
6085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*0})$	6084	6058	1	12778
6086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-D^-D^{*+}n\bar{n})$	6085	6059	1	12779

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \eta K^{*-}D^{*+}$ $(e^+e^- \to \eta K^{*-}D^{*+}D_2^{*+}D_s^-)$	6086	6060	1	12780
6088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta D^{*+}\bar{D}^{*-})$	6087	6061	1	12781
6089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega p\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^{*-}p\bar{\Sigma}_c^{*-})$	6088	6062	1	12782
6090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\omega D^{*+}\bar{D}^0)$	6089	6063	1	12783
6091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-D^-, B^0 \to \pi^0\eta K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta K^0D^-D^{*+}\bar{D}^{*-})$	6090	6064	1	12784
6092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-})$	1073	1072	1	12785
6093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-K^0\bar{K}^*K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^*K^+K^{*-}D^-D^{*+}D_s^{*+})$	6092	6066	1	12786
6094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-\bar{p}\Sigma_c^{++})$	6093	6067	1	12787
6095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^-D^{*+}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta D^+D^-D^{*+}\gamma)$	6094	6068	1	12788
6096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*p\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^*D^{*+}p\bar{\Sigma}_c^-D_{s1}'^-)$	6095	6069	1	12789
6097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\bar{K}^0K^*D^+D^-D^{*+}\bar{D}^{*-})$	6096	6070	1	12790
6098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_{s1}'^+)$	6097	6071	1	12791
6099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\phi\phi, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^+K^-\phi\phi D^{*+}\bar{D}^{*0})$	6098	6072	1	12792
6100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\omega D^-\bar{p}\Sigma_c^{*0})$	6099	6073	1	12793
6101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta\bar{D}^{*-}D_1^+)$	6100	6074	1	12794
6102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-})$	6101	6075	1	12795
6103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\rho^-\eta\eta D^+D^-)$	1074	1073	1	12796

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*0}\bar{n}\Delta^0\Sigma^0\bar{\Sigma}^0)$	6103	6077	1	12797
6105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	6104	6078	1	12798
6106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+D^-\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	6105	6079	1	12799
6107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}a_1^-)$	6106	6080	1	12800
6108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^{*0}\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^-K^0D^+\Sigma^{*0}\bar{\Xi}_c^{*0})$	6107	6081	1	12801
6109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	6108	6082	1	12802
6110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \eta D^{*+}\bar{D}^0a_1^-)$	6109	6083	1	12803
6111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D^0a_1^+)$	6110	6084	1	12804
6112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta'D^+\bar{D}^{*-}\bar{n}p)$	6111	6085	1	12805
6113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\bar{D}^{*-}D_1^+)$	6112	6086	1	12806
6114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*0}p\bar{\Sigma}_c^-)$	1075	1074	1	12807
6115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	6114	6088	1	12808
6116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \rho^0\rho^+\omega D^-$ $(e^+e^- \to \rho^0\rho^+\omega K^0D^-D^{*+}\bar{D}^{*-})$	6115	6089	1	12809
6117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\omega K^+K^-D^-\bar{D}^{*-})$	6116	6090	1	12810
6118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\omega D^-D_1^+)$	6117	6091	1	12811
6119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0K^*K^-D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*K^-D^+D^{*+})$	6118	6092	1	12812
6120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^-)$	1076	1075	1	12813

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega\bar{K}^0\bar{K}^0K^*K^+D^{*+}\bar{D}^{*-})$	1077	1076	1	12814
6122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \eta\omega K^+K^{*-}D^0$ $(e^+e^- \to e^+\nu_e\eta\omega K^+K^{*-}D^0D_1^-)$	6121	6095	1	12815
6123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\rho^-\eta K^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\rho^-\eta K^+D^{*+})$	6122	6096	1	12816
6124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}D_s^{*-})$	6123	6097	1	12817
6125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}\bar{\Delta}^-n)$	6124	6098	1	12818
6126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^+K^0\bar{K}^0D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^0\bar{K}^0D^0\bar{D}^0D_s^{*-}\bar{p}\Delta^+)$	6125	6099	1	12819
6127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^+K^-D^{*0}, \bar{B}^0 \to \omega K^0\bar{K}^0\bar{K}^0K^+K^-D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^0K^+K^-K^-D^0D^{*0})$	6126	6100	1	12820
6128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+)$	233	233	1	12821
6129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \rho^0\omega K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^*K^-D^+D^{*+})$	234	234	1	12822
6130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+K^-\bar{D}^{*-}\bar{n}\Lambda_c^+)$	6129	6103	1	12823
6131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-})$	6130	6104	1	12824
6132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^0\Sigma_c^0)$	6131	6105	1	12825
6133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_1'^+D_1'^+)$	6132	6106	1	12826
6134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \rho^0\omega D^0$ $(e^+e^- \to \rho^0\omega K^*D^+D^-D^0)$	6133	6107	1	12827
6135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0K^-K^{*+}D^+D^{*+})$	6134	6108	1	12828
6136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	1080	1079	1	12829
6137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-)$	6136	6109	1	12830

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	6137	6110	1	12831
6139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \pi^-\bar{K}^0\bar{D}^0 D_s^{*+}\psi')$	6138	6111	1	12832
6140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_e D^{*+}D_2^{*-}n\bar{p})$	6139	6112	1	12833
6141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-K^{*+}D^{*+}p\bar{\Sigma}_c^{*--})$	6140	6113	1	12834
6142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+K^+\bar{D}^{*-}D^{*0}n\bar{\Sigma}_c^-)$	6141	6114	1	12835
6143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^*D^-D^{*+}D^{*+})$	6142	6115	1	12836
6144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_1'^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+D^{*0}D_1'^+)$	1081	1080	1	12837
6145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\omega D^+\bar{D}^{*-}D_s^-)$	1082	1081	1	12838
6146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0D^-, \bar{B}^0 \to \pi^0\pi^-\omega K^+K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\omega K^+K^{*-}D^+D^-)$	6145	6118	1	12839
6147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^+D^{*+})$	6146	6119	1	12840
6148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0D^-, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0D^-D^{*0})$	6147	6120	1	12841
6149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega D^-D^0D_s^-)$	6148	6121	1	12842
6150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}a_1^-)$	6149	6122	1	12843
6151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	6150	6123	1	12844
6152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0D^-D^{*+}$ $(e^+e^- \to \pi^0D^-D^{*+}D_2^{*-}D_s^+)$	6151	6124	1	12845
6153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0\bar{K}^0D^-D^{*+}D_s^{*+})$	6152	6125	1	12846
6154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^+K^{*-}D^-D_1^+)$	1083	1082	1	12847

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0 D^+ D^-\bar{D}^0)$	6154	6127	1	12848
6156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^- D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+\rho^- D^{*+}D^0)$	6155	6128	1	12849
6157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+}D_0^{*-})$	6156	6129	1	12850
6158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \rho^- K^{*-}\bar{n}\Delta^{++}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^- K^{*-}D^-\bar{n}\Delta^{++})$	6157	6130	1	12851
6159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^0$ $(e^+e^- \to K^* K^- D^+ D^+\bar{D}^{*-}\bar{D}^0)$	1084	1083	1	12852
6160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\eta\omega D^+ n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}D^0 n\bar{n})$	6159	6132	1	12853
6161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^+\rho^- D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\rho^- D^0 D_1^-)$	6160	6133	1	12854
6162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^- K^+ D^- D^{*+}D^0)$	6161	6134	1	12855
6163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^+\bar{D}^{*-})$	6162	6135	1	12856
6164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D^{*+}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^-\rho^- K^0 D^+ D^{*+})$	6163	6136	1	12857
6165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}D_1'^-)$	6164	6137	1	12858
6166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0 K^- D^{*+}\bar{D}^0\Delta^+\bar{\Sigma}_c^{*-})$	6165	6138	1	12859
6167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\omega K^+ K^- D^{*+}\bar{D}^{*-}D_s^{*-})$	6166	6139	1	12860
6168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0 K^- D^+\bar{D}^0)$	235	235	1	12861
6169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0 D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\omega\bar{K}^0\bar{D}^{*-}D^0)$	6168	6141	1	12862
6170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^- K^{*+}D^-, \bar{B}^0 \to \bar{K}^0 K^+ K^{*-}J/\psi$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0 K^+ K^- K^{*+}K^{*-}D^- J/\psi)$	1086	1085	1	12863
6171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\eta D^- D^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^- D^- D^0)$	6170	6143	1	12864

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0}p\bar{p})$	6171	6144	1	12865
6173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\omega D^+D^-)$	6172	6145	1	12866
6174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^{*+}D^{*+}\bar{D}^{*-}D^0)$	1087	1086	1	12867
6175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Lambda\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\eta D^{*+}\Lambda\bar{\Xi}_c'^-)$	6174	6147	1	12868
6176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+D^-D^{*+})$	6175	6148	1	12869
6177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K^*D^-D^{*+}D^0D_s^-)$	6176	6149	1	12870
6178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\pi^+K^{*-}D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+K^{*-}D^-D^-)$	1088	1087	1	12871
6179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^0K^+D^-D^{*+})$	1089	1088	1	12872
6180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^-K^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^-K^{*+}p\bar{\Sigma}_c^{*-})$	6179	6152	1	12873
6181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0K^*\phi, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^*\phi D^+n\bar{n})$	6180	6153	1	12874
6182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\eta_c)$	6181	6154	1	12875
6183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-D^-D^{*+}\bar{\Delta}^0\Delta^+)$	6182	6155	1	12876
6184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-\Lambda\bar{\Sigma}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+K^-D^-D^{*+}\bar{D}^{*0}\Lambda\bar{\Sigma}^0)$	6183	6156	1	12877
6185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+D_1'^-)$	6184	6157	1	12878
6186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-K^+\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^0D^{*0}\bar{D}^{*0})$	1090	1089	1	12879
6187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\eta D^-D^{*+}n\bar{n})$	6186	6159	1	12880
6188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^+, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\omega K^0K^{*-}D^+D^{*+})$	6187	6160	1	12881

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \eta D^+ D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \eta D^+ D^{*+} D_s^{*-})$	6188	6161	1	12882
6190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\omega\bar{D}^{*-}D_0^{*+})$	6189	6162	1	12883
6191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^-\rho^+K^0K^+K^-D^+\bar{D}^{*-})$	6190	6163	1	12884
6192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^+D^-p\bar{p})$	6191	6164	1	12885
6193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p)$	6192	6165	1	12886
6194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^-D^{*+})$	6193	5873	1	12887
6195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^+D^-)$	6194	6166	1	12888
6196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\omega K^-D^+D^-\bar{D}^0)$	6195	6167	1	12889
6197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	6196	6168	1	12890
6198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+\Sigma^-\bar{\Sigma}^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*+})$	6197	6169	1	12891
6199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0\eta_c, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \pi^0\eta K^0D_s^-\eta_c D_1'^+)$	6198	6170	1	12892
6200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\omega\eta' D^{*+}\bar{D}^{*-})$	1091	1090	1	12893
6201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K_SJ/\psi$ $(e^+e^- \to \eta K_S\bar{K}^0K^{*+}\bar{D}^{*-}J/\psi)$	6200	6171	1	12894
6202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{D}^0D^{*0}D_s^{*+})$	6201	6172	1	12895
6203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^*D^+, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \pi^-\rho^-K^*\eta' D^+D^+)$	6202	6173	1	12896
6204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{K}^*\phi$ $(e^+e^- \to \pi^0\pi^+\omega\omega\bar{K}^*\phi\bar{D}^{*-})$	6203	6174	1	12897
6205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0K^0\chi_{c1}$ $(e^+e^- \to \pi^0K^0\bar{D}^{*-}D_s^{*+}\chi_{c1})$	1092	1091	1	12898

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^-\omega D^+ p\bar{p}$ $(e^+e^- \to \pi^-\omega D^+ D^- D_s^{*+} p\bar{p})$	6205	6176	1	12899
6207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^+ D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^- K^+ D^+ D^- D_1'^+)$	6206	6177	1	12900
6208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \rho^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^- K^0\bar{K}^0\bar{K}^0 K^{*+} D^+ D^-)$	6207	6178	1	12901
6209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta\eta$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta D^+\Delta^0\bar{\Delta}^+)$	58	58	1	12902
6210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta' D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta' D^- D^{*+})$	6209	6180	1	12903
6211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \bar{K}^* D^- D^- D^{*+} D_s^{*+})$	6210	6181	1	12904
6212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-\rho^-\omega D^{*+}\bar{D}^{*0})$	6211	6182	1	12905
6213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+ D^-)$	6212	6183	1	12906
6214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_0^{*-}, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}$ $(e^+e^- \to e^+\nu_e K^{*+}\bar{D}^{*-} D^{*0} D_0^{*-})$	6213	6184	1	12907
6215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+ K^{*+} K^{*-} D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+ K^{*+} K^{*-} D^- D^{*0})$	1094	1093	1	12908
6216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^* D^+$ $(e^+e^- \to \rho^0\pi^-\eta\eta\omega K^0\bar{K}^0\bar{K}^* K^+ D^+ D^-)$	6215	6186	1	12909
6217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^0\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 K^0 D^{*+}\chi_{c1})$	6216	6187	1	12910
6218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^+ D^-\bar{D}^{*-})$	6217	6188	1	12911
6219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0 K^+ D^- D^{*+})$	6218	6189	1	12912
6220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau D^{*+} D^{*+})$	237	237	1	12913
6221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^-\omega K^+ K^- D^+$ $(e^+e^- \to \pi^-\rho^+\omega\omega K^+ K^- D^+\bar{D}^{*-}\gamma)$	6220	6191	1	12914
6222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to K^- D^+\bar{D}^0$ $(e^+e^- \to K^+ K^- D^+ D^-\bar{D}^0 D^{*0})$	6221	6192	1	12915

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^-, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta K^0K^-D^+D^-)$	6222	6193	1	12916
6224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^*D^{*+}D^{*0}\bar{D}^{*0})$	6223	6194	1	12917
6225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\rho^-\bar{K}^0K^+D^{*+}D^{*+})$	6224	6195	1	12918
6226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^+\eta K^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^-D_s^-D_1^+)$	6225	6196	1	12919
6227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}a_1^+)$	6226	6197	1	12920
6228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\bar{K}^0K^-K^{*+}K^{*+}D^+\bar{D}^{*-})$	6227	6198	1	12921
6229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\rho^+K^*K^{*-}K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	6228	6199	1	12922
6230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+K^-D^+D^+)$	1096	1095	1	12923
6231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-p\bar{\Sigma}_c^-)$	6230	6201	1	12924
6232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-})$	6231	6202	1	12925
6233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+K^-K^{*+}D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^*K^+K^-K^{*+}D^-D_2^{*+}D_s^{*-})$	6232	6203	1	12926
6234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\bar{\Delta}^+\Xi_c^{*0})$	6233	6204	1	12927
6235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to K^*K^-D^+D^-D^{*+}\bar{D}^0)$	6234	6205	1	12928
6236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\omega K^0K^-D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\omega\omega K^0K^-D^+D^{*+})$	6235	6206	1	12929
6237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\eta\bar{K}^0\bar{K}^*K^+K^+D^{*+}\bar{D}^{*-})$	6236	6207	1	12930
6238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+D^-D_s^+)$	6237	6208	1	12931
6239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^+\rho^-$ $(e^+e^- \to \pi^0\rho^+\rho^-D^-D_s^{*+})$	6238	6209	1	12932

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0\bar{K}^*K^+K^-D^+\bar{D}^{*-})$	6239	6210	1	12933
6241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-\bar{\Delta}^0\Sigma^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^+D^-\bar{D}^0\bar{\Delta}^0\Sigma^{*0})$	6240	6211	1	12934
6242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^*K^{*-}D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+K^*K^{*-}D^-D^{*+})$	1097	1096	1	12935
6243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^+D^-\bar{D}^{*-}D^{*0})$	6242	6213	1	12936
6244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{K}^0\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0\bar{K}^0\bar{K}^*K^+D^+D^-)$	6243	6214	1	12937
6245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+})$	6244	6215	1	12938
6246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\rho^-\bar{K}^0K^*D^+)$	6245	6216	1	12939
6247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+\phi, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega K^+\phi D^{*+})$	6246	6217	1	12940
6248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^+\Lambda_c^+\bar{\Lambda}_c^-)$	6247	6218	1	12941
6249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta D^-\bar{D}^{*-})$	6248	6219	1	12942
6250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \eta\bar{K}^0\eta' J/\psi$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0\eta' J/\psi D_0^{*-})$	6249	6220	1	12943
6251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0D^0$ $(e^+e^- \to \pi^0\bar{D}^{*-}D^0a_1^+)$	6250	6221	1	12944
6252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma^{*-})$	6251	6222	1	12945
6253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+K^0K^{*-}D^+D_0^{*-})$	6252	6223	1	12946
6254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \rho^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega D^+D^-p\bar{p})$	6253	6224	1	12947
6255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta K^0K^-D^{*+}\bar{D}^{*-})$	6254	6225	1	12948
6256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^+\rho^-\omega K^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^-\omega K^{*-}D^-)$	6255	6226	1	12949

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-\eta\bar{K}^0K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0K^+D^-\bar{D}^{*-})$	6256	6227	1	12950
6258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-K^{*-}\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{++})$	6257	6228	1	12951
6259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\omega\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	1098	1097	1	12952
6260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^+D^+D^-, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-K^+K^{*+}K^{*-}D^+D^+D^-)$	6259	6230	1	12953
6261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\omega\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\omega\bar{D}^{*-}\bar{D}^0)$	6260	6231	1	12954
6262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^+K^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^+D^-)$	6261	6232	1	12955
6263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-})$	6262	6233	1	12956
6264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	6263	6234	1	12957
6265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\rho^0\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	1099	1098	1	12958
6266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\eta\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^+\eta\omega D^-D^-)$	6265	6236	1	12959
6267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^-D^-\bar{D}^0D_s^+D_s^{*+})$	1100	1099	1	12960
6268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\omega K^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^{*+}\bar{D}^{*0})$	6267	6238	1	12961
6269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\eta\bar{D}^{*-}\bar{n}\Sigma_c^0)$	6268	6239	1	12962
6270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^0K^+K^-\bar{D}^0, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-\omega K^0K^+K^-D^0\bar{D}^0n\bar{\Delta}^0)$	1101	1100	1	12963
6271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*K^+D_s^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \eta K^*K^+D_2^{*+}D_s^{*-}D_s^{*-})$	6270	6241	1	12964
6272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta'D^-D^{*+})$	6271	6242	1	12965
6273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta'D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^-K^{*+}\eta'D^+\bar{D}^{*-})$	238	238	1	12966

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^+D^+\bar{D}^{*-}D^0)$	1103	1102	1	12967
6275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^{*+}\bar{D}^{*-}D_0^{*-})$	1104	1103	1	12968
6276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^-\omega D^{*+})$	239	239	1	12969
6277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^{*-})$	6276	6247	1	12970
6278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\bar{K}^0K^+D^+\bar{D}^{*-})$	6277	6248	1	12971
6279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^{*-}D_s^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^{*-}\bar{D}^{*-}D_s^+D_s^+)$	6278	6249	1	12972
6280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	6279	6250	1	12973
6281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega D^+D^-D_s^{*-})$	6280	6251	1	12974
6282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\omega\bar{K}^0K^*\bar{K}^*D^0$ $(e^+e^- \to \pi^0\omega\bar{K}^0K^*\bar{K}^*D^-D^0D_s^{*+})$	6281	6252	1	12975
6283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^0a_1^+)$	6282	6253	1	12976
6284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^*K^{*-}D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^*K^{*-}D^-D^{*+}D_s^{*-})$	6283	6254	1	12977
6285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+K^+K^-\bar{D}^{*-}D^0D_s^{*-})$	6284	6255	1	12978
6286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0K^+\bar{D}^{*-}D^{*0}\bar{p}\Sigma_c^+)$	6285	6256	1	12979
6287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta D^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\eta D^-\bar{D}^{*-}D_s^+)$	6286	6257	1	12980
6288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to K^-D^-\bar{\Delta}^0\Sigma_c^+D_{s0}^{*+})$	6287	6258	1	12981
6289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^*D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	6288	6259	1	12982
6290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{K}^*K^+D^-)$	6289	6260	1	12983

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^-D^+\Delta^+\bar{\Sigma}^+\Sigma^-\bar{\Sigma}_c^-)$	6290	6261	1	12984
6292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^-D_2^{*+}D_s^{*+})$	1106	1105	1	12985
6293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\omega\bar{K}^0K^*$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^*K^{*+}\bar{D}^{*-})$	6292	6263	1	12986
6294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^-\omega D^+\bar{D}^{*0})$	6293	6264	1	12987
6295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^{*-}D^-D^{*+}\bar{D}^{*0})$	6294	6265	1	12988
6296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^+\rho^+K^-D^-$ $(e^+e^- \to e^+\nu_e\rho^+\rho^+\eta K^-D^-D^-)$	6295	6266	1	12989
6297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	6296	6267	1	12990
6298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	6297	6268	1	12991
6299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^+D_2^{*-}D_s^{*-})$	6298	6269	1	12992
6300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, B^0 \to \pi^+\pi^-\pi^-K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^*D^-D^{*+}\bar{\Delta}^-\Delta^0)$	6299	6270	1	12993
6301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta\omega K^0D^+D^{*+}\bar{D}^{*-})$	6300	6271	1	12994
6302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^+D^+D_s^-)$	6301	6272	1	12995
6303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+\bar{D}^0D_s^-D_s^{*+})$	6302	6273	1	12996
6304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-}D^{*0})$	6303	6274	1	12997
6305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\bar{K}^0n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-n\bar{n})$	6304	6275	1	12998
6306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^-K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega\bar{K}^0K^-K^{*+}D^-)$	6305	6276	1	12999
6307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^+K^-D^-D_s^+J/\psi)$	6306	6277	1	13000

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta D^+D^-)$	1107	1106	1	13001
6309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*K^+D^+D^-)$	6308	6279	1	13002
6310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^0\pi^- K^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^- K^{*+}D^-)$	6309	6280	1	13003
6311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^- D^+\bar{D}^0D_s^{*+}D_{s1}'^-)$	6310	6281	1	13004
6312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0D^-D^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega K^0D^-D^0D^0D_s^-)$	6311	6282	1	13005
6313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^-D^{*+}\bar{D}^{*0}D_1^-)$	6312	6283	1	13006
6314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta\omega D^{*+}D^{*+}n\bar{p})$	6313	6284	1	13007
6315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*-}D_1'^+)$	6314	6285	1	13008
6316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \rho^+K^-D^-\eta_c D_{s1}'^+)$	6315	6286	1	13009
6317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-D^+K_1^0\psi(3770))$	6316	6287	1	13010
6318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{K}^0D^{*0}, \bar{B}^0 \to K^*K^{*-}\phi D^{*+}$ $(e^+e^- \to \rho^0\bar{K}^0K^*K^{*-}\phi D^{*+}D^{*0})$	6317	6288	1	13011
6319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega J/\psi, \bar{B}^0 \to \bar{K}^0K^+K^-D^0$ $(e^+e^- \to \rho^0\omega\bar{K}^0K^+K^-D^0J/\psi)$	6318	6289	1	13012
6320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	6319	6290	1	13013
6321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0D^{*+}J/\psi)$	6320	6291	1	13014
6322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-K^0\bar{K}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+\rho^-K^0\bar{K}^0D_0^{*+})$	6321	6292	1	13015
6323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega\omega D^+D^+)$	6322	6293	1	13016
6324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	6323	4815	1	13017

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+D^-D_1'^-)$	6324	6294	1	13018
6326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^0D^+D_1^+)$	6325	6295	1	13019
6327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^-\bar{p}\Delta^{++}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\eta D^-D_2^{*+}D_s^{*-}\bar{p}\Delta^{++})$	6326	6296	1	13020
6328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	1108	1107	1	13021
6329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-K^-D^{*+}D^{*+}\bar{D}^{*0})$	6328	6298	1	13022
6330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}\gamma, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^*D^-D^{*+}D^{*+}D_s^-\gamma)$	6329	6299	1	13023
6331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^+K^-D^+\bar{D}^{*-})$	6330	6300	1	13024
6332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^-\Delta^0\bar{\Delta}^0)$	6331	6301	1	13025
6333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	6332	6302	1	13026
6334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^{*0}D_s^+\psi')$	1109	1108	1	13027
6335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^{*-}D^+D_2^{*-}\bar{D}^0)$	6334	6304	1	13028
6336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+K^{*-}\bar{D}^0J/\psi\bar{p}\Delta^+)$	6335	6305	1	13029
6337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-})$	6336	6306	1	13030
6338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}\bar{\Sigma}^0\Sigma^+)$	6337	6307	1	13031
6339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\eta'\bar{D}^{*0}, \bar{B}^0 \to \rho^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^-\eta'D^-D^{*+}\bar{D}^{*0})$	6338	6308	1	13032
6340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-}D_2^{*+})$	1110	1109	1	13033
6341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\bar{K}^0D^+D^-D^0D_s^-)$	6340	6310	1	13034

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-\omega D^{*+}D_0^{*-})$	6341	6311	1	13035
6343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}D_s^+)$	6342	6312	1	13036
6344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta\bar{D}^{*-}D^{*0})$	6343	6313	1	13037
6345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \rho^-\eta K^*\eta_c\bar{\Delta}^0\Sigma_c^+)$	6344	6314	1	13038
6346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\rho^-\omega\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^-\omega\bar{K}^0D^+D^+D_s^-)$	1111	1110	1	13039
6347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^-\eta K^-K^{*+}D^+D^+)$	6346	6316	1	13040
6348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to e^+\nu_e D^{*+}D_s^-D_1'^-\gamma)$	1112	1111	1	13041
6349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0K^0\bar{K}^*D^-D^{*+}D^{*+})$	6348	6318	1	13042
6350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	6349	4134	1	13043
6351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	6350	6319	1	13044
6352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^{*+}D^0\bar{D}^{*0})$	6351	6320	1	13045
6353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0D^-D^0)$	6352	6321	1	13046
6354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	6353	6322	1	13047
6355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+\rho^+\rho^-\omega K^-$ $(e^+e^- \to \pi^+\rho^+\rho^+\rho^-\omega\omega K^-D^-)$	6354	6323	1	13048
6356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+K^0\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^0D^-\bar{D}^{*-}D^0)$	6355	6324	1	13049
6357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0D_s^-D_s^{*+}$ $(e^+e^- \to \pi^0\bar{D}^{*-}D_s^+D_s^-D_s^{*+})$	6356	6325	1	13050
6358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^+D^+D^-D^0)$	1113	1112	1	13051

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	6358	6327	1	13052
6360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\rho^+\eta D^-D_s^{*-}D_1^+)$	6359	6328	1	13053
6361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{D}^{*-}D^{*0})$	6360	6329	1	13054
6362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{n}\Omega_c^0$ $(e^+e^- \to e^+\nu_e K^0\bar{D}^{*-}\bar{n}\Omega_c^0)$	6361	6330	1	13055
6363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}n\bar{p})$	1114	1113	1	13056
6364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-K^0D^+D^+\bar{D}^{*-})$	6363	6332	1	13057
6365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-}D^{*0})$	6364	6333	1	13058
6366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\Delta^-\bar{n})$	240	240	1	13059
6367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+D^+\bar{D}^{*-}D_s^{*-})$	6366	6335	1	13060
6368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	6367	6336	1	13061
6369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}D^0)$	1116	1115	1	13062
6370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^-\rho^-\omega\omega K^0\bar{K}^0K^{*+}D^+\eta_c)$	6369	6338	1	13063
6371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^*K^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^*K^+K^-D^+\bar{D}^{*0})$	6370	6339	1	13064
6372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^0\rho^0\rho^0\rho^0\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^-\rho^+D^-\bar{D}^0D_s^{*+})$	6371	6340	1	13065
6373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^{*+}D^+\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\pi^-K^{*+}D^+D^+\bar{D}^0)$	6372	6341	1	13066
6374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \omega K^*K^-D^+\bar{D}^{*-}D_{s1}'^+)$	6373	6342	1	13067
6375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \omega\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^0D^{*+}D^0\bar{D}^0)$	6374	6343	1	13068

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega K^- D^+ \bar{D}^0$ $(e^+e^- \to e^+\nu_e\omega K^- D^+ \bar{D}^{*-}\bar{D}^0)$	6375	6344	1	13069
6377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^+ K^{*-} D^- D^{*+})$	6376	6345	1	13070
6378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \eta\eta\bar{K}^0 K^- D_s^{*+}$ $(e^+e^- \to \eta\eta\bar{K}^0 K^- \bar{D}^{*-} D_s^+ D_s^{*+})$	6377	6346	1	13071
6379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^+ D^{*+} D_s^{*-})$	6378	6347	1	13072
6380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Xi}_c^{*0})$	1117	1116	1	13073
6381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- D^+ \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^- D^+ D^{*+}\bar{D}^{*0})$	6380	6349	1	13074
6382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^+\rho^-\eta D^+ D^-)$	6381	6350	1	13075
6383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^* D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{K}^*\bar{D}^{*-} D_s^+)$	1118	1117	1	13076
6384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, B^0 \to \eta D^-\bar{\Delta}^-\Delta^0$ $(e^+e^- \to e^+\nu_e\eta\eta D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	6383	6352	1	13077
6385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta K^0\bar{K}^0 D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta K^0\bar{K}^0 D^+ D^-)$	1119	1118	1	13078
6386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta D^- D^{*+})$	6385	6354	1	13079
6387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^* K^+ D^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\bar{K}^* K^+ D^+ D^-)$	6386	6355	1	13080
6388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega\omega K^- D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\omega\omega K^-\bar{D}^{*-} D_s^+)$	6387	6356	1	13081
6389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^*\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^*\bar{D}^0 D_1^+)$	6388	6357	1	13082
6390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	6389	6358	1	13083
6391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^+ D^-, B^0 \to \pi^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^+\omega K^* D^+ D^- D^-)$	6390	6359	1	13084
6392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- a_1^+, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e D^-\bar{D}^{*-} a_1^+)$	6391	5687	1	13085

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0K^-\bar{D}^{*-}D^{*0})$	6392	6360	1	13086
6394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p})$	6393	6361	1	13087
6395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^+\rho^-\omega\omega K^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\omega\omega K^0D_1^-)$	6394	6362	1	13088
6396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^0D^{*+})$	6395	6363	1	13089
6397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-})$	6396	6364	1	13090
6398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^-D^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^0K^*D^-D^{*+}D^{*+}D_s^{*-}\gamma)$	1120	1119	1	13091
6399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0n\bar{n}, \bar{B}^0 \to \pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0K^0K^-D^{*+}n\bar{n})$	6398	6366	1	13092
6400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^*, B^0 \to \pi^+\pi^-\pi^-\omega K^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^*K^+)$	6399	6367	1	13093
6401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \bar{K}^*D_s^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^*\bar{D}^0D_s^+D_s^{*-})$	6400	6368	1	13094
6402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{n}\Xi_c^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0\bar{D}^{*-}\bar{n}\Xi_c^0)$	6401	6369	1	13095
6403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-D_2^{*+}D_s^-)$	6402	6370	1	13096
6404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^{++}\bar{\Sigma}^{*-}, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^-\pi^-\rho^-\omega\bar{K}^0K^{*+}D^+\Delta^{++}\bar{\Sigma}^{*-})$	6403	6371	1	13097
6405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0\bar{n}p\Lambda\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{n}p\Lambda\bar{\Lambda})$	6404	6372	1	13098
6406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^-D^+D^+)$	6405	6373	1	13099
6407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \rho^-\bar{K}^*D^{*+}J/\psi)$	6406	6374	1	13100
6408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-})$	6407	6375	1	13101
6409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^0, B^0 \to \pi^+\rho^+\rho^-\omega\omega D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\omega K^{*+}D^-D^-D^0)$	6408	6376	1	13102

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \rho^-\eta' D^{*+}$ $(e^+e^- \to \rho^-\rho^-\eta' D^{*+}D^{*+})$	6409	6377	1	13103
6411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}p\bar{p}D_1'^+)$	6410	6378	1	13104
6412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-\omega\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0)$	6411	6379	1	13105
6413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^*\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0K^*D^{*+}\bar{D}^0D_s^{*-})$	6412	6380	1	13106
6414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\eta D^-, B^0 \to \pi^+\rho^-\omega K^0\eta'$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\omega K^0\eta' D^-)$	6413	6381	1	13107
6415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-D^+D^-)$	6414	6382	1	13108
6416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^-\omega\bar{K}^0K^*D^{*+}D_s^-\Delta^0\bar{\Sigma}^+)$	6415	6383	1	13109
6417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0)$	6416	6384	1	13110
6418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}D_s^{*+})$	6417	6385	1	13111
6419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-})$	6418	6386	1	13112
6420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \pi^+\rho^+\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*-})$	1121	1120	1	13113
6421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to K^0D^+\bar{D}^{*-}$ $(e^+e^- \to K^0D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	6420	6388	1	13114
6422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	6421	6389	1	13115
6423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^-\bar{D}^0)$	6422	6390	1	13116
6424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^-\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}D_s^+)$	6423	6391	1	13117
6425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+K^0\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\pi^-\rho^+K^0\bar{K}^0D^+D_2^{*-}\gamma)$	6424	6392	1	13118
6426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+D^-)$	1122	1121	1	13119

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0K^0\bar{K}^0D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0K^0\bar{K}^0\bar{K}^0K^+D^-D^{*+}D_s^{*-})$	6426	6394	1	13120
6428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-})$	6427	6395	1	13121
6429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta' D^-, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^+\rho^+K^-\eta' D^+D^-D^-)$	1123	1122	1	13122
6430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^{*+}\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	6429	6397	1	13123
6431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	6430	6398	1	13124
6432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \eta D^{*0}$ $(e^+e^- \to \rho^+\eta D^{*0}p\bar{\Sigma}_c^{*--})$	6431	6399	1	13125
6433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^0\bar{K}^*, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0K^0K^0\bar{K}^*D^{*+})$	1124	1123	1	13126
6434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^-D^{*+}\bar{D}^0J/\psi)$	6433	6401	1	13127
6435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+})$	6434	6402	1	13128
6436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\omega K^*K^-D^{*+}\bar{D}^{*-})$	6435	6403	1	13129
6437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to e^+\nu_eD^-D^{*+}D_1^-)$	6436	6404	1	13130
6438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \eta\bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \eta\bar{K}^0D_2^{*-}D_s^+D_s^{*+}D_s^{*-})$	6437	6405	1	13131
6439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta'\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\eta'\bar{D}^{*-}\bar{D}^{*-})$	6438	6406	1	13132
6440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	6439	6407	1	13133
6441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^{*-}D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}K^{*-}\bar{D}^{*-}D_s^+)$	6440	6408	1	13134
6442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^{*-}p\bar{p})$	6441	6409	1	13135
6443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^{*0}p\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+K^-D^-D^{*0}p\bar{p})$	6442	6410	1	13136

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^{*+}D_0^{*-})$	6443	6411	1	13137
6445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D^0)$	6444	6412	1	13138
6446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^+D^-)$	6445	4059	1	13139
6447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta' D^+D^-, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to K^0\eta' D^+D^-D^0\Lambda\bar{\Sigma}^{*0})$	1125	1124	1	13140
6448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\omega D_2^{*-}D^0)$	6447	6414	1	13141
6449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0K^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\bar{K}^0K^+K^+K^-D^-D^{*+})$	6448	6415	1	13142
6450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\eta' D^+D^{*+})$	6449	6416	1	13143
6451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^-\rho^+\rho^+D^-$ $(e^+e^- \to \pi^-\rho^+\rho^+K^0D^-D^{*+}\bar{D}^{*-})$	6450	6417	1	13144
6452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^0K^-\bar{D}^{*-}D^0\bar{D}^{*0})$	6451	6418	1	13145
6453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}$ $(e^+e^- \to \pi^0\pi^+\Delta^0\Delta^+\bar{\Sigma}_c^{*0}\bar{\Sigma}_c^{*--})$	6452	6419	1	13146
6454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^{*0}D_s^{*-})$	6453	6420	1	13147
6455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^+K^0\bar{K}^*K^-D^{*0}$ $(e^+e^- \to \rho^+\eta K^0\bar{K}^*K^-D^{*0}p\bar{\Sigma}_c^-)$	1126	1125	1	13148
6456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega K^+K^-D^+D^{*+})$	1127	1126	1	13149
6457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\rho^+\eta\bar{K}^0K^-\bar{D}^{*-}D_s^+)$	6456	6423	1	13150
6458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}p\bar{p}$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^+\bar{D}^{*-}p\bar{p}\Delta^+\bar{\Sigma}_c^{*--})$	6457	6424	1	13151
6459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta K^*D^{*+}\bar{D}^{*-}D^{*0})$	1128	1127	1	13152
6460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	6459	6426	1	13153

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}D_2^{*-}D_s^+)$	6460	6427	1	13154
6462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^0D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^{*0})$	6461	6428	1	13155
6463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	6462	6429	1	13156
6464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^-D^{*+})$	6463	6430	1	13157
6465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\bar{K}^0D^+\bar{D}^{*-})$	6464	6431	1	13158
6466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, B^0 \to \pi^0K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^*D^+\bar{D}^{*-}\bar{D}^0\bar{p}\Delta^+)$	6465	6432	1	13159
6467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0D^-D^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^0D^-D^-D^{*0})$	6466	6433	1	13160
6468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^+\eta K^0\bar{K}^0D_s^-$ $(e^+e^- \to \rho^+\eta K^0\bar{K}^0D^-D_s^-a_1^+)$	6467	6434	1	13161
6469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\eta K^+K^{*-}\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0K^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	6468	6435	1	13162
6470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega K^0K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\rho^-\omega K^0K^-D^{*+}\bar{D}^0)$	6469	6436	1	13163
6471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega\omega D^{*+}\bar{D}^{*-})$	6470	6437	1	13164
6472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma^-)$	6471	6438	1	13165
6473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\eta D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\eta D^+D^{*+})$	6472	6439	1	13166
6474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\bar{D}^{*-}D_s^+\bar{n}\Sigma_c^0)$	6473	6440	1	13167
6475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}n\bar{\Lambda}_c^-)$	6474	6441	1	13168
6476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	6475	6442	1	13169
6477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0K^*D^0\bar{D}^0D_s^+D_s^{*-})$	6476	6443	1	13170

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+} D^+ \Delta^0 \bar{\Sigma}_c^-)$	6477	6444	1	13171
6479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-})$	59	59	1	13172
6480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0K^-\bar{D}^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0K^-K^-D^+\bar{D}^{*0}\bar{D}^{*0})$	6479	6446	1	13173
6481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega\bar{K}^0D^+D^{*0})$	6480	6447	1	13174
6482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\omega K^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\omega K^+D^{*+})$	6481	6448	1	13175
6483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^-K^+J/\psi$ $(e^+e^- \to e^+\nu_e\pi^-K^+\bar{D}^{*-}J/\psi)$	6482	6449	1	13176
6484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^+\rho^- D^{*0}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\omega\bar{K}^0K^+D^-D^{*0})$	6483	6450	1	13177
6485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\eta K^{*-}D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta K^*K^{*-}D^+D^-\bar{D}^{*-})$	6484	6451	1	13178
6486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-})$	6485	6452	1	13179
6487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\omega\omega D^-D^{*+})$	1130	1129	1	13180
6488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0K^+D^-D^0D_s^{*-})$	1131	1130	1	13181
6489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\omega K^+D^{*+}\bar{D}^0D^{*0})$	6488	6455	1	13182
6490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*\bar{D}^{*0}, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0$ $(e^+e^- \to \pi^0K^*\bar{D}^{*0}\bar{D}^{*0}\bar{n}\Delta^0)$	6489	6456	1	13183
6491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0K^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0D^+D^-\bar{D}^{*-})$	6490	6457	1	13184
6492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{K}^0K^*\bar{K}^*D^-D^0)$	6491	6458	1	13185
6493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*K^*K^*\bar{K}^*\bar{K}^*, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to K^*K^*K^*\bar{K}^*\bar{K}^*D_s^{*-}D_1^+)$	6492	6459	1	13186
6494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\Delta^0\bar{\Sigma}_c^{*0}D_1^+)$	6493	6460	1	13187

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^0 D^+ \bar{D}^{*-} D_1^-)$	6494	6461	1	13188
6496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^-\eta\omega\omega\bar{K}^0 K^{*+} D^+ D^-)$	6495	6462	1	13189
6497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta D^- D^{*+})$	6496	6463	1	13190
6498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to \pi^+\pi^- K^0 J/\psi$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- K^0 \bar{D}^{*-} J/\psi)$	6497	6464	1	13191
6499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \rho^0\pi^- K^0 \bar{K}^* D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta K^0 \bar{K}^* D^+ D^+)$	6498	6465	1	13192
6500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^0 D_s^+ D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^0 D^- D_s^+ D_s^{*-})$	6499	6466	1	13193
6501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+} \bar{D}^{*-}, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to K^0 K^* K^- D^+ D^{*+} \bar{D}^{*-})$	6500	6467	1	13194
6502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^-\omega K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega K^+ K^- D^- D^{*+})$	6501	6468	1	13195
6503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta K^- D^{*+} \bar{D}^{*-} \bar{D}^0)$	6502	6469	1	13196
6504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+ D^-)$	6503	6470	1	13197
6505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^{*+}, B^0 \to K^+ \bar{D}^{*-} D^{*0}$ $(e^+e^- \to K^+ D^- \bar{D}^{*-} D^{*0} D_s^{*+})$	6504	6471	1	13198
6506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^- D^{*+})$	6505	6472	1	13199
6507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^+ D^+ \bar{D}^{*-} D^{*0})$	6506	6473	1	13200
6508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\omega D_2^{*-} D^{*0})$	6507	6474	1	13201
6509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\omega K^0 K^- D^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\omega K^0 K^- K^- D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega\omega K^0 K^0 K^- K^- K^- D^+ D^0)$	6508	6475	1	13202
6510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 \bar{K}^0 K_0^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta K^0 \bar{K}^0 D^{*+} K_0^0)$	6509	6476	1	13203
6511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\omega, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\omega D_0^{*+})$	6510	6477	1	13204

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\bar{D}^{*-}\bar{\Lambda}\Sigma^+$ $(e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	6511	6478	1	13205
6513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}D^0\bar{D}^0)$	6512	6479	1	13206
6514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega D^-D^{*+})$	1132	1131	1	13207
6515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^-D^{*+}\bar{\Sigma}^{*+}\Sigma^{*-}$ $(e^+e^- \to \pi^-D^-D^{*+}D_s^{*+}\bar{\Sigma}^{*+}\Sigma^{*-})$	6514	6481	1	13208
6516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta K^+K^-D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	6515	6482	1	13209
6517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to K^-\Delta^+\bar{\Xi}_c^0$ $(e^+e^- \to e^+\nu_eK^-D^-\Delta^+\bar{\Xi}_c^0)$	6516	6483	1	13210
6518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	6517	6484	1	13211
6519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^{*+}D_1^-)$	6518	6485	1	13212
6520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+K^{*-}D^+D^-\bar{D}^0\gamma)$	6519	6486	1	13213
6521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^+p\bar{\Sigma}_c^-)$	6520	6487	1	13214
6522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega\bar{K}^*\bar{D}^{*-}\eta_c)$	6521	6488	1	13215
6523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+D^-)$	6522	6489	1	13216
6524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-K^0\bar{K}^*\phi D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^0\bar{K}^*\phi D^{*+}D^{*+}\bar{D}^0)$	6523	6490	1	13217
6525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^+\rho^-\omega\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega\omega D^-D^{*0})$	6524	6491	1	13218
6526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^-K^{*+}D^+D^-)$	6525	6492	1	13219
6527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*D^-D^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0K^*K^*D^-D^{*+}D^{*0})$	6526	6493	1	13220
6528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D^{*+}\bar{D}^{*-}\bar{p}\Delta^+)$	6527	6494	1	13221

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^+\bar{D}^{*-}D^0)$	6528	6495	1	13222
6530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta K^+D^{*+}\bar{D}^{*-}D^0)$	6529	6496	1	13223
6531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\rho^+\omega\eta' D^-$ $(e^+e^- \to \pi^0\rho^+\omega\eta' D^-D^-D_s^{*+})$	6530	6497	1	13224
6532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\eta D^+\bar{D}^{*0}D_s^{*-})$	6531	6498	1	13225
6533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}J/\psi n\bar{n}K_1^0)$	6532	6499	1	13226
6534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\eta_c(2S), \bar{B}^0 \to \rho^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^0\eta' D^+\eta_c(2S))$	6533	6500	1	13227
6535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_{s1}'^+)$	6534	6501	1	13228
6536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^+D_1^+)$	6535	6502	1	13229
6537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^{*+}\bar{D}^{*-}D^{*0})$	1133	1132	1	13230
6538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-}D^0)$	6537	6504	1	13231
6539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\omega\bar{K}^0K^*K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	6538	6505	1	13232
6540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-})$	6539	6506	1	13233
6541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^{*+}K^{*-}K^{*-}D^+D^-\bar{D}^0)$	6540	6507	1	13234
6542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}a_1^-)$	1134	1133	1	13235
6543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0K^0\eta_c(2S)$ $(e^+e^- \to \pi^0K^0\bar{D}^{*-}D_s^{*+}\eta_c(2S))$	6542	6509	1	13236
6544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \rho^0K^0D^+\bar{D}^{*-}D^0n\bar{\Delta}^0)$	6543	6510	1	13237
6545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\eta\omega\bar{K}^0K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	6544	6511	1	13238

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+D^-\bar{p}\Lambda_c^+)$	1135	1134	1	13239
6547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^*K^{*+}D^-D^{*+})$	6546	6513	1	13240
6548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}^+, B^0 \to \tau^+\nu_\tau D_0^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_0^{*-}D_{s1}^+)$	6547	6514	1	13241
6549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D_2^{*+}D^{*0}D_s^-)$	6548	6515	1	13242
6550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\eta K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta\eta K^0\bar{K}^0\bar{K}^*K^{*+}D^+\bar{D}^{*0})$	6549	6516	1	13243
6551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0D^+, \bar{B}^0 \to \pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+D^{*+}n\bar{p})$	6550	6517	1	13244
6552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{p}\Sigma_c^+)$	6551	6518	1	13245
6553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^*D^{*0}D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	6552	6519	1	13246
6554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-})$	6553	6520	1	13247
6555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta D^0\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D^0\Sigma^0\bar{\Sigma}^0)$	6554	6521	1	13248
6556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \eta K^-D^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\eta K^-D^+\bar{D}^{*-}\bar{D}^0)$	6555	6522	1	13249
6557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta'D^+\bar{D}^{*-})$	1136	1135	1	13250
6558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}\Delta^0\bar{p})$	6557	6524	1	13251
6559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-})$	6558	6525	1	13252
6560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-K^+D^+\bar{D}^0, \bar{B}^0 \to \pi^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^{*-}D^+D^0\bar{D}^0)$	6559	6526	1	13253
6561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}\bar{\Lambda}\Xi_c'^+\gamma, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^-K^{*+}K^{*-}D^{*+}\bar{\Lambda}\Xi_c'^+\gamma)$	6560	6527	1	13254
6562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^0\bar{K}^*D^+D^-)$	1137	1136	1	13255

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\eta_c, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^*D^{*+}\bar{D}^{*-}\eta_c)$	6562	6529	1	13256
6564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0})$	60	60	1	13257
6565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^*J/\psi, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0K^*K^{*-}D^{*+}J/\psi)$	6564	6531	1	13258
6566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega\omega K^0D^+D^{*+}\bar{D}^{*0})$	6565	6532	1	13259
6567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \rho^0K^*K^-D^+$ $(e^+e^- \to \rho^0K^*K^-D^+D^+D_s^-)$	6566	6533	1	13260
6568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^-D^{*0})$	6567	6534	1	13261
6569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega\bar{D}^{*-}D^{*0})$	6568	6535	1	13262
6570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*0})$	6569	6536	1	13263
6571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\omega\bar{D}^{*-}\Delta^-\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}\Delta^-\bar{n})$	6570	6537	1	13264
6572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\eta_c, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-K^0D^{*+}\eta_c)$	6571	6538	1	13265
6573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-D^+\bar{\Delta}^0p$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*0}\bar{\Delta}^0p)$	6572	6539	1	13266
6574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-p\bar{p}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^-D^{*+}\bar{D}^{*0}p\bar{p})$	6573	6540	1	13267
6575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}D_{s0}^{*+})$	6574	6541	1	13268
6576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-\gamma, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^+\omega K^{*-}D^+D^-\bar{D}^{*0}\gamma)$	6575	6542	1	13269
6577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D_s^+D_1^+D_1^-)$	6576	6543	1	13270
6578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^0\Delta^0\bar{\Delta}^0)$	6577	6544	1	13271
6579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^+\bar{D}^{*-})$	6578	6545	1	13272

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	6579	6546	1	13273
6581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-D^-\bar{D}^0D_s^{*+})$	6580	6547	1	13274
6582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^+\omega\omega D^-D^{*+}\Sigma^-\bar{\Lambda})$	6581	6548	1	13275
6583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^{*+}K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\omega K^{*+}K^{*-}D^{*+}\bar{D}^0)$	6582	6549	1	13276
6584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	6583	6550	1	13277
6585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0K^0K^*K^-D^+D^{*+}\bar{D}^{*-})$	6584	6551	1	13278
6586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^-\omega\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-\omega\omega D^-\bar{D}^{*-})$	6585	6552	1	13279
6587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D_s^+\bar{\Sigma}^{*0}\Xi^-$ $(e^+e^- \to \bar{D}^{*-}D_s^+D_s^{*+}\bar{\Sigma}^{*0}\Xi^-)$	6586	6553	1	13280
6588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^-D^+\bar{n}\Sigma_c^0)$	6587	6554	1	13281
6589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0K^{*+}K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0K^{*+}K^{*-}D^{*+}\bar{D}^0)$	6588	6555	1	13282
6590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\rho^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\rho^-D^{*+})$	6589	6556	1	13283
6591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega\bar{K}^0\bar{K}^0K^+K^{*+}D^{*+}\bar{D}^{*-})$	1139	1138	1	13284
6592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+D^-)$	6591	6558	1	13285
6593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0K^0K^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0K^0K^*K^-K^{*+}K^{*-}D^+D^+D^-)$	6592	6559	1	13286
6594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \rho^-K^0D^+D^-D^{*+}\bar{p}\Delta^+)$	6593	6560	1	13287
6595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0D^-D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	6594	6561	1	13288
6596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega K^+D^{*+}\bar{D}^{*0})$	1140	1139	1	13289

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \rho^0 D^0$ $(e^+e^- \to e^+\nu_e X_u^- \rho^0 D^0)$	6596	6563	1	13290
6598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^+K^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-\eta' D^{*+}\bar{D}^{*-})$	6597	6564	1	13291
6599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-K^0D^+D^{*+}\bar{D}^{*-})$	243	243	1	13292
6600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-K^+\phi\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^-\bar{K}^0K^+\phi D^+\bar{D}^{*-}\bar{D}^{*0})$	244	244	1	13293
6601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D_s^{*+}D_s^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+K^0K^0K^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^0K^0K^*K^-D^-D_s^{*+}D_s^{*-})$	6600	6567	1	13294
6602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to K^*\bar{K}^*D^+D^-D^0\bar{D}^{*0})$	6601	6568	1	13295
6603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D_1'^+)$	6602	6569	1	13296
6604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	6603	6570	1	13297
6605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0D^-D^{*0}D_s^+)$	6604	6571	1	13298
6606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\chi_{c1}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_L\bar{D}^{*-}\chi_{c1})$	6605	6572	1	13299
6607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0D^{*+}\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta D^-D^{*+}\Lambda\bar{\Sigma}^-)$	6606	6573	1	13300
6608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \bar{K}^*n\bar{\Xi}_c'^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*n\bar{\Xi}_c'^0D_1^-)$	6607	6574	1	13301
6609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0\bar{K}^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0\bar{K}^0K^-D^+D^-D_s^{*+})$	6608	6575	1	13302
6610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-K^0\eta', \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-K^0\eta' D^{*+}a_1^-\gamma)$	6609	6576	1	13303
6611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^+\bar{D}^{*-})$	1143	1142	1	13304
6612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\omega K^0K^0K^-D^{*+}\eta_c)$	6611	6578	1	13305
6613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta D^-\bar{D}^{*-})$	6612	6579	1	13306

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1'^-, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\omega D^-D_s^+D_1'^-)$	6613	6580	1	13307
6615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma_c^{*++})$	6614	6581	1	13308
6616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+\bar{D}^{*-}D_s^{*-}p\bar{p}D_1^+)$	6615	6582	1	13309
6617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^+\rho^-\omega D^+\bar{D}^{*-})$	6616	6583	1	13310
6618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D^{*+})$	6617	6584	1	13311
6619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-})$	1144	1143	1	13312
6620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+X_{sd}\gamma)$	6619	6586	1	13313
6621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^{*0}\Delta^0\bar{\Sigma}_c^{*0})$	6620	6587	1	13314
6622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma$ $(e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\gamma)$	6621	6588	1	13315
6623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to X_{sd}\gamma, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-X_{sd}\gamma)$	6622	6589	1	13316
6624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-K^0\bar{K}^0\bar{K}^0K^+D^+D^-)$	6623	6590	1	13317
6625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \eta D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\eta D^+D^-D_s^-D_s^{*+})$	6624	6591	1	13318
6626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	6625	6592	1	13319
6627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^-\omega K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^-\omega K^{*+}K^{*-}D^-D^{*+}\bar{n}p)$	6626	6593	1	13320
6628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-\bar{n}p, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \omega K^*D^+D^-D_s^-\bar{n}p)$	6627	6594	1	13321
6629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to D^-D^{*+}\gamma$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_1^+\gamma)$	6628	6595	1	13322
6630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Omega}_c^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^-D^{*+}\bar{D}^{*-}\Delta^+\bar{\Omega}_c^0)$	6629	6596	1	13323

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*\bar{D}^{*-}\gamma, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\bar{K}^0K^*K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}\gamma)$	1145	1144	1	13324
6632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to J/\psi\bar{n}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu\eta D^- J/\psi\bar{n}\Lambda)$	6631	6598	1	13325
6633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	6632	5727	1	13326
6634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	6633	6599	1	13327
6635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	1146	1145	1	13328
6636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta\eta\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta K^0\bar{K}^0K^{*-}D^+D^0)$	6635	6601	1	13329
6637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{\Delta}^0p)$	1147	1146	1	13330
6638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{\Delta}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^+\bar{D}^{*0}n\bar{\Delta}^0)$	6637	6603	1	13331
6639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{K}^*$ $(e^+e^- \to \pi^0\eta\omega\bar{K}^*\bar{K}^*K^+\bar{D}^{*-})$	6638	6604	1	13332
6640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\pi^0K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^-K^{*-}D^+\bar{D}^0\bar{D}^{*0}D_s^+)$	6639	6605	1	13333
6641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega\omega D^-D^{*+})$	6640	6606	1	13334
6642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^{*+}D^{*+})$	6641	6607	1	13335
6643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}D^0)$	6642	6608	1	13336
6644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\eta D^-\bar{D}^{*-})$	6643	6609	1	13337
6645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^+D^+\Sigma^-\bar{\Sigma}^0)$	6644	6610	1	13338
6646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{D}^0D_1'^+)$	6645	6611	1	13339
6647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^0D_s^+D_s^-)$	6646	6612	1	13340

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_e\rho^0\eta\eta D^{*+}\bar{D}^{*-}n\bar{p})$	6647	6613	1	13341
6649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega K^0K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^-\rho^+\omega K^0K^-D^{*+}\bar{D}^{*-})$	6648	6614	1	13342
6650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^+\bar{D}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^-D^+D^+\bar{D}^0D_s^-)$	1148	1147	1	13343
6651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\pi^-, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-})$	6650	6616	1	13344
6652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^+D^{*+})$	6651	6617	1	13345
6653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-K^{*-}D^{*+}D^{*+}\bar{D}^{*0}p\bar{p})$	1149	1148	1	13346
6654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-D^-, B^0 \to \pi^0\rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^+D^-\bar{D}^{*-})$	6653	6619	1	13347
6655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D_1'^+, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^{*+}\bar{D}^0D_1'^+)$	6654	6620	1	13348
6656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	6655	6621	1	13349
6657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\rho^-K^{*+}D^+D_s^{*-})$	6656	6622	1	13350
6658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\eta K^*K^-D^-, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^+\rho^+\eta\omega K^*K^-D^-\bar{n}\Sigma_c^0)$	1150	1149	1	13351
6659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^-\eta\omega\bar{K}^0K^{*+}D^+D^+)$	6658	6624	1	13352
6660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^-\bar{D}^0D^{*0})$	6659	6625	1	13353
6661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\bar{D}^{*-}D_1^+\gamma)$	1151	1150	1	13354
6662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^*D^-J/\psi)$	6661	6627	1	13355
6663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^+\bar{D}^{*-}D_1'^-)$	1152	1151	1	13356
6664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega K^0K^0K^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0K^0K^{*-}D^{*+})$	6663	6629	1	13357

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	6664	6630	1	13358
6666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\rho^+D^+D_1^+)$	1153	1152	1	13359
6667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+})$	6666	6632	1	13360
6668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	6667	6633	1	13361
6669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0D^-D^{*+}D_s^+n\bar{p})$	6668	6634	1	13362
6670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^{*-}D^+\bar{D}^{*-})$	6669	6635	1	13363
6671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\omega K^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega\omega K^{*-}\bar{D}^{*-})$	6670	6636	1	13364
6672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-D^{*+}\bar{D}^{*-})$	6671	6637	1	13365
6673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^+)$	6672	6638	1	13366
6674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^*K^+K^-D^{*+}\bar{D}^{*0})$	6673	6639	1	13367
6675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\psi', \bar{B}^0 \to \pi^0\pi^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K_L\pi^-D^+\bar{D}^{*0}\psi')$	6674	6640	1	13368
6676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^+\rho^-\eta D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	6675	6641	1	13369
6677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^0D^+D^-)$	6676	6642	1	13370
6678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta'D^0$ $(e^+e^- \to e^+\nu_e\eta'\bar{D}^{*-}D^0)$	6677	6643	1	13371
6679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0D^0D^0\bar{D}^{*0})$	6678	6644	1	13372
6680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^-D^{*+}D_s^-)$	6679	6645	1	13373
6681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+D^{*+})$	1154	1153	1	13374

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	245	245	1	13375
6683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \bar{K}^*D_s^-D_s^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^+D_s^-D_s^{*+})$	246	246	1	13376
6684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	6683	6649	1	13377
6685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\eta D^{*+}\bar{D}^{*-}p\bar{p})$	6684	6650	1	13378
6686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega D^0D_1^-)$	6685	6651	1	13379
6687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-K^0\bar{K}^0D^-D^{*+})$	247	247	1	13380
6688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta\omega D^+D^-)$	6687	6653	1	13381
6689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^-\pi^-\rho^+K^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^{*+}\bar{D}^{*-})$	6688	6654	1	13382
6690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-D^+\bar{D}^{*0}D_s^+)$	6689	6655	1	13383
6691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1'^-, \bar{B}^0 \to K^0\bar{K}^0K^{*-}D_s^+$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^{*-}D_s^+D_1'^-)$	6690	6656	1	13384
6692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta D^{*+}n\bar{\Xi}_c'^0)$	6691	6657	1	13385
6693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^*K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\rho^-K^*K^-D^{*+}D^{*0})$	6692	6658	1	13386
6694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0K^0\bar{K}^0D^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^-K^0K^0\bar{K}^0D^{*+}D^{*+}D_{s1}'^-)$	6693	6659	1	13387
6695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-D^+\bar{D}^{*-}D_s^{*+})$	6694	6660	1	13388
6696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\bar{n}p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-D^{*+}D_s^{*-}\bar{n}p)$	6695	6661	1	13389
6697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^{*+}D^-D^{*+})$	6696	6662	1	13390
6698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*-})$	6697	6663	1	13391

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_s^{*-}D_1^+\gamma)$	6698	6664	1	13392
6700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-}D_s^+)$	1158	1157	1	13393
6701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^0D_s^-D_1'^+)$	6700	6666	1	13394
6702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+D^-D_s^{*+})$	6701	6667	1	13395
6703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\rho^-K^0K^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^0K^0\bar{K}^0K^-\bar{D}^{*-}D^0)$	1159	1158	1	13396
6704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\rho^+\eta D^+\bar{D}^{*-})$	6703	6669	1	13397
6705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta\eta K^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\eta\eta K^-\bar{D}^{*-})$	6704	6670	1	13398
6706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\omega D^0$ $(e^+e^- \to \rho^0\omega K^+\bar{D}^{*-}D^0D^{*0})$	6705	6671	1	13399
6707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0K^+\bar{D}^{*-}D^0D^0)$	6706	6672	1	13400
6708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^+D^+\bar{D}^0)$	6707	6673	1	13401
6709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*K^{*-}D^-D^{*+}D_{s1}'^+)$	6708	6674	1	13402
6710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-D^{*+}\bar{D}^{*-})$	6709	6675	1	13403
6711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	6710	6676	1	13404
6712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to K^*D^-D^{*+}\bar{K}_1^0\psi(3770))$	6711	6677	1	13405
6713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^+\pi^-\omega K^+K^-D^0$ $(e^+e^- \to \pi^+\pi^-\omega K^+K^-D^0\bar{D}^0\Delta^0\bar{\Delta}^0)$	6712	6678	1	13406
6714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to K^0K^{*-}D^{*+}\bar{D}^{*-}a_1^+)$	6713	6679	1	13407
6715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^{*-}D^-D^{*+}\bar{D}^0)$	1160	1159	1	13408

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-K^*D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\omega K^*D^{*+}D_s^-)$	6715	6681	1	13409
6717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta\omega\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta\omega\omega\bar{K}^0\bar{D}^{*-})$	6716	6682	1	13410
6718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	6717	2853	1	13411
6719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^0, B^0 \to \rho^+\omega K^+K^-D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^+K^-D^-\bar{D}^0)$	6718	6683	1	13412
6720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D_2^{*+}\bar{n}p)$	6719	6684	1	13413
6721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{X}_{sd}\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{X}_{sd}\gamma)$	248	248	1	13414
6722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\eta_c, B^0 \to \pi^0\rho^0\pi^+\pi^-\eta\omega\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0K_L\pi^+\pi^-\eta\omega\bar{D}^0\eta_c)$	6721	6686	1	13415
6723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c, B^0 \to \rho^+\eta\eta'D^-$ $(e^+e^- \to \pi^-\rho^+\eta K^+\eta'D^-\eta_c)$	6722	6687	1	13416
6724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega\omega K^+\bar{D}^{*-}D^0)$	6723	6688	1	13417
6725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	6724	6689	1	13418
6726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\omega K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^{*+}D^-D^{*+}\bar{D}^0)$	6725	6690	1	13419
6727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^-\eta\omega\omega D^+D^-D_s^+)$	249	249	1	13420
6728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{D}^0D_s^+\bar{\Delta}^0\Sigma_c^{*0})$	1163	1162	1	13421
6729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	6728	6693	1	13422
6730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\eta K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega K^0K^-\bar{D}^{*-}D^{*0})$	6729	6694	1	13423
6731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{K}^*\bar{D}^{*-}D_s^+)$	6730	6695	1	13424
6732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\omega D_2^{*+}\bar{D}^{*0}D_s^{*-})$	6731	6696	1	13425

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+K^0\bar{K}^0D^-D^{*+})$	6732	6697	1	13426
6734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_LJ/\psi, B^0 \to K^*D_s^-D_s^{*+}$ $(e^+e^- \to K_LK^*D_s^-D_s^{*+}J/\psi)$	250	250	1	13427
6735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^+)$	6734	6699	1	13428
6736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	6735	6700	1	13429
6737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	6736	6701	1	13430
6738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}D_{s1}'^-)$	1165	1164	1	13431
6739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^-\omega, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega\bar{K}^0D^+\bar{D}^{*-})$	6738	6703	1	13432
6740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\eta\eta\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^+\eta\eta\omega D^-\bar{D}^{*-})$	6739	6704	1	13433
6741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\eta'D^+\bar{D}^{*-}D_s^-)$	6740	6705	1	13434
6742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	6741	6706	1	13435
6743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-})$	6742	6707	1	13436
6744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^-K^0K^+K^-D^+D^+\bar{D}^{*-})$	6743	6708	1	13437
6745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0K^*K^-D^+\bar{D}^0D^{*0})$	6744	6709	1	13438
6746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\pi^-\bar{D}^0D_s^+\bar{n}\Sigma_c^+)$	6745	6710	1	13439
6747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	6746	6711	1	13440
6748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^0D_s^-)$	6747	6712	1	13441
6749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^0D^+\bar{p}\Sigma^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+K^0D^+\bar{D}^{*-}\bar{p}\Sigma^{*-})$	6748	6713	1	13442

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^+D^-\Delta^-\bar{\Delta}^0)$	1166	1165	1	13443
6751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega\omega D^+\bar{D}^{*-})$	6750	6715	1	13444
6752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\eta' D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-\rho^+\eta\eta K^0\bar{K}^0\eta' D^+D^-)$	6751	6716	1	13445
6753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^{*+}D^{*+}J/\psi)$	1	1	1	13446
6754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*0}\bar{n}\Delta^0D_0^{*+})$	6753	6718	1	13447
6755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^-D^{*+})$	6754	6719	1	13448
6756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_1^+D_1'^+)$	6755	6720	1	13449
6757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^+K^-D^+D^-D_s^{*+})$	6756	6721	1	13450
6758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0D_s^{*+})$	6757	6722	1	13451
6759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^-K^+D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+D^-D^{*+}\bar{D}^{*-})$	6758	6723	1	13452
6760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	6759	6724	1	13453
6761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+)$	6760	6725	1	13454
6762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to D^-D^{*0}\bar{\Delta}^0\Sigma^0a_1^+)$	6761	6726	1	13455
6763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	1168	1167	1	13456
6764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+D^-D^{*+})$	6763	6728	1	13457
6765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	6764	6729	1	13458
6766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+D^-D_s^-D_s^{*+})$	6765	6730	1	13459

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^+ D_1'^-)$	6766	6731	1	13460
6768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0 D^0\bar{D}^0 D_1^-)$	6767	6732	1	13461
6769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^+ D^-)$	6768	6733	1	13462
6770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}, \bar{B}^0 \to \eta K^0 K^- D^{*+}$ $(e^+e^- \to \eta K^0 K^- D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0})$	6769	6734	1	13463
6771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to D^{*+} D_{s0}^{*-}$ $(e^+e^- \to K^+ D^{*+}\bar{D}^{*-} D^0 D_{s0}^{*-})$	6770	6735	1	13464
6772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-} D^0\bar{D}^0)$	6771	6736	1	13465
6773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^+\omega\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega\bar{K}^0 D^- D^- D^0)$	6772	6737	1	13466
6774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^+ J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^- K^+ D^0 J/\psi)$	6773	6738	1	13467
6775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+ D^+\Delta^-\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+ D^+ D^- D_s^{*+}\Delta^-\bar{\Delta}^+)$	6774	6739	1	13468
6776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^+\bar{D}^{*-})$	6775	6740	1	13469
6777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^*\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\bar{K}^0 K^*\bar{K}^* K^+ D^+ D^-)$	6776	6741	1	13470
6778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^- D^+\bar{n}\Delta^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^- D^+ D_2^{*-}\bar{n}\Delta^+)$	6777	6742	1	13471
6779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^-\eta' D^+\bar{D}^{*-} D_s^+)$	6778	6743	1	13472
6780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^0 D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0 K^+ D^- D^0 D^{*0})$	6779	6744	1	13473
6781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^- D^{*+}\bar{D}^{*0}\bar{n}\Delta^0)$	1169	1168	1	13474
6782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^-\chi_{c2}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+ K^- D^{*0}\chi_{c2})$	6781	6746	1	13475
6783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^- K^- K^{*+} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^0 K^- K^- K^{*+} D^+\bar{D}^{*-})$	6782	6747	1	13476

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D^0\bar{D}^0)$	6783	6748	1	13477
6785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^*K^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0\bar{K}^*K^+D^-)$	6784	6749	1	13478
6786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0K^0D^+D^-D^{*+}D_s^-)$	6785	6750	1	13479
6787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\rho^+\eta\omega K^{*-}D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\omega K^{*-}D^-D^{*+}D_s^+)$	6786	6751	1	13480
6788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-})$	6787	6752	1	13481
6789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta D^-D^{*+}D_{s1}'^-)$	1170	1169	1	13482
6790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^*K^-D^{*+}D^{*+}D_{s0}^{*-})$	6789	6754	1	13483
6791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\rho^-\eta'D^+D^+)$	1171	1170	1	13484
6792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+\bar{D}^{*-}\bar{n}p)$	1172	1171	1	13485
6793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\eta K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\eta\eta K^0K^-D^+\bar{D}^0D^{*0}\bar{D}^{*0})$	6792	6757	1	13486
6794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \rho^0\pi^-\rho^+D^+\bar{D}^{*-}p\bar{p})$	6793	6758	1	13487
6795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^+K^-D^+\bar{D}^{*-}D^{*0})$	1173	1172	1	13488
6796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-D^{*+}D^{*+})$	6795	6760	1	13489
6797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	6796	6761	1	13490
6798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+D^-)$	6797	6762	1	13491
6799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^-\eta\eta\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\eta\eta\omega D^-D^{*+})$	6798	6763	1	13492
6800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-D^+D^-)$	6799	6764	1	13493

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^- D^+ p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^+ D^{*+} p\bar{p})$	6800	6765	1	13494
6802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^+K^-D^-D^{*0})$	6801	6766	1	13495
6803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+K^*K^-D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^*K^-K^{*-}D^+D^-\bar{D}^{*0})$	1174	1173	1	13496
6804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+D^0D_s^{*-}D_1'^-)$	6803	6768	1	13497
6805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_2^{*-}, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \pi^+D_2^{*-}\bar{X}_{sd}\gamma)$	6804	6769	1	13498
6806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-K^{*+}D^-D^{*+}D^0)$	6805	6770	1	13499
6807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+D^-\bar{D}^{*-})$	6806	6052	1	13500
6808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-})$	6807	6771	1	13501
6809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to e^+\nu_e D^+D_2^{*-}D_s^{*-}\gamma)$	6808	6772	1	13502
6810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\rho^+\rho^-\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	6809	6773	1	13503
6811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \omega K^{*+}D^-D^{*0}\bar{\Delta}^+\Sigma_c^{*+})$	6810	6774	1	13504
6812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0\bar{D}^{*-}D_1^+)$	6811	6775	1	13505
6813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^+\pi^-K^0J/\psi$ $(e^+e^- \to \pi^+\pi^-K^0K^+\bar{D}^{*-}D^0J/\psi)$	6812	6776	1	13506
6814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^{*+}\eta_c)$	6813	6777	1	13507
6815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-K^-\bar{D}^{*-}D^0)$	6814	6778	1	13508
6816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega D^+D^-)$	6815	6779	1	13509
6817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+}D^0D_s^-)$	6816	6780	1	13510

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D_1^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_1^-)$	6817	6781	1	13511
6819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta D^-\bar{D}^{*-})$	6818	6782	1	13512
6820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}\Delta^+\bar{\Delta}^+a_1^+)$	62	62	1	13513
6821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^-\bar{D}^0\bar{D}^0D_s^+)$	6820	6784	1	13514
6822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+K^{*-}D^-D^0\bar{D}^0D_s^{*+})$	6821	6785	1	13515
6823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\Lambda\bar{\Sigma}^-, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^+K^-D^{*+}D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	6822	6786	1	13516
6824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	6823	6787	1	13517
6825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to e^+\nu_e\rho^-D^-D_1'^+)$	1176	1175	1	13518
6826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	6825	6789	1	13519
6827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-D^-, B^0 \to \pi^+\eta K^-K^{*+}\phi D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\eta K^-K^{*+}\phi D^-D^-)$	6826	6790	1	13520
6828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^{*+}\bar{D}^{*-}D^0)$	6827	6791	1	13521
6829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	6828	6792	1	13522
6830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^-D^{*+}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0K^*D^-D^{*+}D^0\bar{D}^{*0})$	6829	6793	1	13523
6831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0K^0D^{*+}D^{*+}\bar{D}^{*-}p\bar{\Delta}^{++})$	6830	6794	1	13524
6832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to K^*\bar{K}^*D^{*0}\bar{D}^{*0}\eta_c)$	6831	6795	1	13525
6833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-K^{*+}\bar{D}^{*-}\bar{p}\Lambda_c^+)$	6832	6796	1	13526
6834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0\eta'D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{K}^0\eta'\bar{D}^{*-}D^0)$	6833	6797	1	13527

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+K^{*-}D^+D_s^{*-}J/\psi)$	6834	6798	1	13528
6836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\bar{p}\Xi_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-\bar{p}\Xi_c^{*+})$	6835	6799	1	13529
6837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^-D^{*+}D_{s1}'^-)$	6836	6800	1	13530
6838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^{*+}\bar{D}^{*-})$	6837	6801	1	13531
6839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}D_s^{*-}D_1^+)$	6838	6802	1	13532
6840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+K^-D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+K^-D^-D_s^+)$	6839	6803	1	13533
6841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^{*+}D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	253	253	1	13534
6842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\eta D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^+\rho^-\eta\bar{D}^{*-}D^0)$	6841	6805	1	13535
6843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+\Delta^+\bar{\Lambda}_c^-)$	6842	6806	1	13536
6844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0K^0D^{*+}J/\psi)$	6843	6807	1	13537
6845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_s^+D_1'^-\gamma)$	254	254	1	13538
6846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to K^0K^0D^{*+}D_s^{*-}$ $(e^+e^- \to K^0K^0K^{*+}D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-})$	6845	6809	1	13539
6847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^-\chi_{c1})$	1179	1178	1	13540
6848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--})$	6847	6811	1	13541
6849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\eta\omega K^-D^{*+}$ $(e^+e^- \to \pi^0\eta\omega K^0K^-D^-D^{*+}D^{*+})$	6848	6812	1	13542
6850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}D^{*0})$	6849	6813	1	13543
6851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\bar{D}^{*-}D_s^+\bar{\Delta}^+\Sigma_c^{++})$	6850	6814	1	13544

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-D^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D^{*0})$	6851	6815	1	13545
6853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^*K^+K^{*-}D^-)$	6852	6816	1	13546
6854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-D^{*+}D_s^{*-})$	6853	6817	1	13547
6855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\pi^0\rho^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	6854	6818	1	13548
6856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to K^*D^+D^-D^{*+}D_s^-\gamma)$	6855	6819	1	13549
6857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^+n\bar{p})$	6856	6820	1	13550
6858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi K_0^0, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to K^-\phi\bar{\Delta}^0\Sigma_c^{*+}K_0^0)$	6857	6821	1	13551
6859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D_s^{*+}D_s^{*-})$	6858	6822	1	13552
6860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^-D_2^{*+})$	6859	6823	1	13553
6861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \rho^0\pi^-\bar{K}^*K^-D^+D^{*+})$	6860	6824	1	13554
6862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-n\bar{n}, \bar{B}^0 \to \pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0K^-D^+D^-n\bar{n})$	6861	6825	1	13555
6863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta' D^-, \bar{B}^0 \to \pi^-\eta\omega K^+K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^+K^{*-}\eta' D^+D^-)$	6862	6826	1	13556
6864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^*\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D_s^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^*\bar{K}^*\bar{D}^{*0}D_s^+D_s^{*-})$	255	255	1	13557
6865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+K^-D^{*0}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-\bar{D}^0D^{*0}D_s^+p\bar{p})$	6864	6828	1	13558
6866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega D^{*+}\bar{D}^{*-}a_1^+)$	6865	6829	1	13559
6867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^-D^{*+}\bar{n}p\bar{p}\Delta^{++})$	1181	1180	1	13560
6868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0D^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+D^-\bar{D}^{*-}D_s^+)$	256	256	1	13561

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^{*+}K^{*-}D^+\bar{D}^{*-}\bar{D}^0D^{*0})$	6868	6832	1	13562
6870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0n\bar{\Lambda}, \bar{B}^0 \to \pi^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\omega D^+D^-\bar{D}^0n\bar{\Lambda})$	6869	6833	1	13563
6871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+\bar{D}^{*-}D^0, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \rho^0K^0K^+K^-D^+\bar{D}^{*-}D^0)$	6870	6834	1	13564
6872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0D^-p\bar{\Lambda}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0D^-D^{*0}p\bar{\Lambda})$	6871	6835	1	13565
6873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta'D^-D^{*+})$	6872	6836	1	13566
6874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+})$	6873	6837	1	13567
6875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^+D^-D^{*+}D^{*0})$	6874	6838	1	13568
6876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^+D^+\bar{D}^{*-}n\bar{p})$	6875	6839	1	13569
6877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^+D^{*+}\gamma)$	1183	1182	1	13570
6878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-K^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-K^0D^+D^-)$	6877	6841	1	13571
6879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^0\bar{K}^*K^+D^-$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^*K^+D^-D^-)$	6878	6842	1	13572
6880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	6879	6843	1	13573
6881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta'D^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\eta'D^-\bar{D}^{*-}D_s^{*+})$	6880	6844	1	13574
6882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{\Sigma}^{*0}\Xi_c^{\prime 0}$ $(e^+e^- \to \pi^0\pi^0\omega\bar{D}^{*0}\bar{\Sigma}^{*0}\Xi_c^{\prime 0})$	6881	6845	1	13575
6883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta D^+\bar{D}^{*-})$	6882	6846	1	13576
6884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^{*0}\bar{\Xi}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^0\bar{D}^0D_s^-\Sigma^{*0}\bar{\Xi}^0)$	6883	6847	1	13577
6885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^-\eta D^{*+}\bar{D}^{*0})$	6884	6848	1	13578

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^+ D_1'^-)$	6885	6849	1	13579
6887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	1184	1183	1	13580
6888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Sigma}^{*0}\Sigma_c^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^- D^+\bar{\Sigma}^{*0}\Sigma_c^{*+})$	6887	6851	1	13581
6889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	6888	6852	1	13582
6890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\omega D^- D^{*+} D_{s1}'^-)$	1185	1184	1	13583
6891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0\Delta^{++}\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0 D^{*+} D_s^-\gamma$ $(e^+e^- \to \pi^0\pi^- K^0 D^{*+} D_s^-\Delta^{++}\bar{\Lambda}_c^-\gamma)$	6890	6854	1	13584
6892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	6891	6855	1	13585
6893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to J/\psi\bar{K}_1^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} J/\psi\bar{K}_1^0)$	6892	6856	1	13586
6894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^- K^0\bar{K}^0 D^+\bar{D}^{*-})$	6893	6857	1	13587
6895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^- D^+, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega\omega D^+ D^+)$	6894	6858	1	13588
6896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} a_1^-, \bar{B}^0 \to K^{*-} D^+\bar{D}^0$ $(e^+e^- \to K^{*-} D^+ D^{*+}\bar{D}^0 a_1^-)$	257	257	1	13589
6897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-} D_s^+)$	6896	6860	1	13590
6898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^- D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \rho^+\rho^+\rho^- D^+ D^- D_s^-)$	6897	6861	1	13591
6899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^* K^+ D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^* K^+ D^+ D^-)$	6898	6862	1	13592
6900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} a_1^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- D^{*+} D^{*+} a_1^-)$	6899	6863	1	13593
6901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta\eta\omega\bar{K}^0\bar{D}^{*-} D^0\bar{D}^{*0})$	6900	6864	1	13594
6902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^+\bar{D}^{*-})$	258	258	1	13595

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-\gamma, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^+\omega D^- D^{*+}a_1^-\gamma)$	6902	6866	1	13596
6904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+D^-)$	259	259	1	13597
6905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^+n\bar{n})$	6904	6868	1	13598
6906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D_2^{*-}D_s^+)$	6905	6869	1	13599
6907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^+\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\bar{K}^0D^+D^{*+}\bar{D}^0\gamma)$	6906	6870	1	13600
6908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^+\bar{D}^{*-})$	6907	6871	1	13601
6909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^-D_s^-D_1^+)$	6908	6872	1	13602
6910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-D^-D_1^+)$	1189	1188	1	13603
6911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-K^0D^{*+}D^{*+}\bar{D}^0a_1^-)$	1190	1189	1	13604
6912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^{*0}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma_c^{*0})$	6911	6875	1	13605
6913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^*K^{*+}D^-D^{*+})$	6912	6876	1	13606
6914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0K^0K^-, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^0K^-D_s^-D_1^+)$	6913	6877	1	13607
6915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-})$	6914	6878	1	13608
6916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^+\bar{D}^0\Delta^+\bar{\Delta}^+)$	6915	6879	1	13609
6917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \omega K^-D^+$ $(e^+e^- \to \rho^+\omega K^-D^+D^-\Delta^+\bar{\Delta}^+)$	6916	6880	1	13610
6918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0K^-\bar{D}^{*-}\psi')$	1191	1190	1	13611
6919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^*\bar{K}^*K^-D^+D^{*+}\bar{D}^0)$	260	260	1	13612

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 \bar{K}^* \eta' D^0$ $(e^+e^- \to \pi^0 K^0 K^0 \bar{K}^* \eta' D^{*+}\bar{D}^{*-} D^0)$	6919	6883	1	13613
6921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\rho^+ D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+ D^- \bar{D}^{*-})$	6920	6884	1	13614
6922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to D^0 n \bar{\Delta}^0$ $(e^+e^- \to K^{*+} D^0 n \bar{\Delta}^0 \Delta^+ \bar{\Sigma}_c^{*--})$	6921	6885	1	13615
6923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to K^0 D_s^+ D_s^-$ $(e^+e^- \to e^+\nu_e K^0 \bar{D}^{*-} D_s^+ D_s^-)$	6922	6886	1	13616
6924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^- \bar{n}p, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\omega\bar{K}^0 D^-\eta_c \bar{n}p)$	6923	6887	1	13617
6925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to D^- \bar{n}p$ $(e^+e^- \to D^- \bar{D}^{*-} \bar{n}p D_{s1}'^+)$	6924	6888	1	13618
6926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+ p \bar{\Sigma}_c^{--}, B^0 \to \pi^0\pi^-\rho^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{D}^0 p\bar{\Sigma}_c^{--})$	6925	6889	1	13619
6927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\pi^0 D^- D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^- D^- D_s^+ \Delta^+ \bar{\Sigma}_c^{*0})$	6926	6890	1	13620
6928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n \bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^+ D^{*+}\Delta^- \bar{p}$ $(e^+e^- \to \pi^0\rho^+\eta D^{*+}\Delta^- n\bar{p}\bar{\Sigma}_c^0)$	6927	6891	1	13621
6929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^+\rho^-\rho^- K^0 D^+ D^{*+}\bar{D}^{*-})$	6928	6892	1	13622
6930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \rho^- D^- D_2^{*+}\bar{\Delta}^-\Delta^0)$	6929	6893	1	13623
6931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+} D^+ D^-)$	6930	6894	1	13624
6932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\psi', \bar{B}^0 \to \pi^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^+\bar{K}^0\bar{p}\Xi_c'^0\psi')$	6931	6895	1	13625
6933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{K}^* K^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\bar{K}^* K^+ D^+)$	6932	6896	1	13626
6934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^- K^0\bar{K}^0 D^+ \bar{D}^{*-} D_{s1}'^+)$	6933	6897	1	13627
6935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^- K^+ K^{*-} D^- D^{*+})$	6934	6898	1	13628
6936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0 K^* D^-\gamma, \bar{B}^0 \to \pi^-\omega\omega K^+ K^{*-} D^+$ $(e^+e^- \to \pi^-\rho^+\omega\omega\bar{K}^0 K^* K^+ K^{*-} D^+ D^-\gamma)$	6935	6899	1	13629

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}D^{*0})$	1193	1192	1	13630
6938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \pi^0\pi^0\omega D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\omega K_S D^{*+}\bar{D}^{*-}\eta_c)$	6937	6901	1	13631
6939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^+\rho^-D^+D^-\gamma)$	6938	6902	1	13632
6940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-J/\psi, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \rho^+\rho^-D^{*+}J/\psi D_{s1}'^-\gamma)$	6939	6903	1	13633
6941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0\bar{K}^*D^+\bar{D}^{*-})$	6940	6904	1	13634
6942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta K^0D^{*0}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0D^{*+}D^{*0})$	6941	6905	1	13635
6943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K_S\chi_{c1}$ $(e^+e^- \to \mu^+\nu_\mu K_S\bar{D}^{*-}\chi_{c1})$	6942	6906	1	13636
6944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\eta\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta\bar{K}^0K^+\bar{D}^{*-}D^{*0}D_s^+)$	6943	6907	1	13637
6945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega K^-D^-D^{*+}\bar{D}^{*0})$	6944	6908	1	13638
6946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+K^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^+D^{*+})$	6945	6909	1	13639
6947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\rho^+\rho^-D^+D^-\Delta^0\bar{\Delta}^+)$	6946	6910	1	13640
6948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^+K^-D^{*+}\bar{D}^{*-})$	6947	6911	1	13641
6949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0K^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0K^0D^-D^{*+}\bar{D}^{*-})$	6948	6912	1	13642
6950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^*D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	1194	1193	1	13643
6951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\eta\eta K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta K^0K^-D^+\bar{D}^{*-})$	6950	6914	1	13644
6952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-D^+D^{*+}a_1^-)$	1195	1194	1	13645
6953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	6952	6916	1	13646

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^* D_s^-, \bar{B}^0 \to \rho^0\bar{K}^0 J/\psi$ $(e^+e^- \to \rho^0\pi^+\eta\bar{K}^0 K^* D_s^- J/\psi)$	6953	6917	1	13647
6955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to \pi^+\eta D^- D_s^{*-} D_1^+)$	6954	6918	1	13648
6956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^- K^0\bar{K}^* D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^* D^- D^{*+})$	6955	6919	1	13649
6957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \rho^+ K^{*-} J/\psi$ $(e^+e^- \to \rho^+\rho^+ K^{*-} D^- J/\psi)$	6956	6920	1	13650
6958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \rho^0 K^0 K^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 K^0 K^- D^+ D_1^+)$	6957	6921	1	13651
6959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\omega\bar{D}^{*-} D^0)$	6958	6922	1	13652
6960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ K^0 K^{*} K^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^- K^0\bar{K}^0 K^* K^+ K^- D^{*+})$	6959	6923	1	13653
6961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^- D^+ D_0^{*-})$	6960	6924	1	13654
6962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\phi D^{*+}\bar{D}^{*-} D_s^{*+})$	6961	6925	1	13655
6963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-} D^0)$	6962	6926	1	13656
6964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^0 D_s^{*+})$	6963	6927	1	13657
6965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^+\phi D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega\bar{K}^0 K^+\phi D^- D^0)$	6964	6928	1	13658
6966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \omega D^+ D^-, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega D^+ D^-\bar{D}^{*-})$	6965	6929	1	13659
6967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to K^0\bar{K}^* D^- D^{*+}\bar{D}^0 D^{*0})$	6966	6930	1	13660
6968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D_1'^-, B^0 \to \bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to \rho^+\bar{D}^{*-} D_s^{*+} D_1'^-)$	6967	6931	1	13661
6969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\omega D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\omega\omega D^- D^{*+})$	6968	6932	1	13662
6970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+ K^- D^+\Delta^-\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\omega K^- D^+ D^-\Delta^-\bar{p})$	1196	1195	1	13663

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0\bar{K}^*\bar{D}^0, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\omega K^0\bar{K}^* D^+\bar{D}^0 D_s^{*-})$	6970	6934	1	13664
6972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^0\chi_{c0}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^0 D^{*+}\chi_{c0})$	1197	1196	1	13665
6973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0 K^- D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^- D_s^{*+} D_0^{*-})$	6972	6936	1	13666
6974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0\bar{K}^0 K^+ K^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{K}^0\bar{K}^0 K^+ K^+ D^- D^{*+})$	6973	6937	1	13667
6975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+} D^{*+}\bar{D}^{*0} D_{s1}'^-)$	1198	1197	1	13668
6976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^- D^{*+})$	6975	6939	1	13669
6977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^-\bar{K}^* D^+$ $(e^+e^- \to \pi^-\pi^-\bar{K}^* D^+\bar{D}^0 D_s^{*+})$	6976	6940	1	13670
6978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+ D_1'^-)$	1199	1198	1	13671
6979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+\bar{D}^{*-} D^{*0} D_1^+)$	6978	6942	1	13672
6980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\omega K^0 K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\omega K^0 K^- D^{*+}\bar{D}^{*-})$	6979	6943	1	13673
6981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	1200	1199	1	13674
6982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\omega\omega K^0\bar{K}^* D^+\bar{D}^{*-})$	6981	6944	1	13675
6983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+} p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^- D^{*+}\bar{D}^{*-} p\bar{p} D_{s1}'^+)$	6982	6945	1	13676
6984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{K}^0 K^* D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\eta\bar{K}^0 K^* D^+ D^-)$	6983	6946	1	13677
6985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta D^{*+}\bar{D}^{*-})$	6984	6947	1	13678
6986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+ n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^+\bar{D}^{*-} n\bar{\Delta}^0)$	6985	6948	1	13679
6987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^{*+}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \phi D^- D^{*+} D_s^- D_s^{*+})$	6986	6949	1	13680

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
6988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+\bar{D}^{*-})$	6987	6950	1	13681
6989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_0^{*-}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_0^{*-})$	6988	6951	1	13682
6990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\omega D^{*0}\bar{D}^{*0}D_1^+)$	1201	1200	1	13683
6991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	1202	1201	1	13684
6992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^0\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0\eta'D^{*+}\bar{D}^{*-})$	6991	6954	1	13685
6993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta K^-K^{*+}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-})$	6992	6955	1	13686
6994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D^{*0})$	6993	6956	1	13687
6995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \rho^0\omega K^*K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^*K^{*-}D^-D^{*+}D_s^{*+})$	6994	6957	1	13688
6996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-})$	6995	6958	1	13689
6997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*K^+K^-D^{*+}\bar{D}^{*-}D^0)$	1203	1202	1	13690
6998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^*D^+D^-D_s^{*+})$	1204	1203	1	13691
6999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	6998	6961	1	13692
7000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to e^+\nu_eD^-$ $(e^+e^- \to e^+\nu_eD^-D_2^{*-}D_s^{*+})$	1205	1204	1	13693
7001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^{*-}D^-, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0K^{*-}D^-J/\psi)$	7000	6963	1	13694
7002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+D^{*+}D_2^{*-})$	7001	6964	1	13695
7003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^*D^{*+}\bar{D}^{*-})$	7002	6965	1	13696
7004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-D^0)$	7003	6966	1	13697

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega K^- D^0 \bar{D}^{*0}$ $(e^+e^- \to \pi^+\omega K^- D^{*+}\bar{D}^{*-} D^0 \bar{D}^{*0})$	7004	6967	1	13698
7006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega K^0 K^{*+} D_s^-, \bar{B}^0 \to \pi^+\pi^-\eta' D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0 K^{*+}\eta' D^+ D_s^- n\bar{p})$	7005	6968	1	13699
7007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 D^+\Delta^+\bar{\Sigma}_c^-)$	1206	1205	1	13700
7008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+ D^-)$	7007	6970	1	13701
7009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+ D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+\Delta^+\bar{\Lambda}_c^-)$	7008	6971	1	13702
7010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau X_u^- D^{*+})$	7009	6972	1	13703
7011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, B^0 \to \pi^0\pi^0 D^-\bar{\Delta}^0 p$ $(e^+e^- \to \pi^0\pi^0\rho^- D^-\bar{\Delta}^0 pp\bar{\Sigma}_c^0)$	7010	6973	1	13704
7012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\rho^- D^+\bar{n}\Delta^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^- D^+ D^+\bar{n}\Delta^0)$	7011	6974	1	13705
7013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^+ D^{*+} D_s^-)$	7012	6975	1	13706
7014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+ D^- D^{*0}, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^- K^+ D^- D^- D^{*0})$	261	261	1	13707
7015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-})$	7014	6977	1	13708
7016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^* D^-\bar{\Delta}^0\Sigma_c^0)$	7015	6978	1	13709
7017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0 K^0 K^- D^+ D^- D_s^+)$	7016	6979	1	13710
7018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^+ D^-)$	7017	6980	1	13711
7019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^{*+} a_1^-\gamma$ $(e^+e^- \to e^+\nu_e D^{*+} D_1^- a_1^-\gamma)$	7018	6981	1	13712
7020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to \pi^+\bar{K}^0 K^*\eta' D^-$ $(e^+e^- \to \pi^+ K^0\bar{K}^0 K^*\eta' D^- D^- D^{*+})$	7019	6982	1	13713
7021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, B^0 \to \omega K^+ D^- D^{*0}$ $(e^+e^- \to \pi^+\omega K^+ D^- D^{*0}\Delta^+\bar{\Sigma}_c^{--})$	7020	6983	1	13714

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta D^+D^-)$	7021	6984	1	13715
7023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	262	262	1	13716
7024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- D^+\bar{D}^{*0}D_s^+)$	7023	6986	1	13717
7025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta K^- D^+ p\bar{p}$ $(e^+e^- \to e^+\nu_e\eta K^- D^+\bar{D}^{*-}p\bar{p})$	7024	6987	1	13718
7026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \rho^+D^-\bar{D}^{*-}D_s^+n\bar{n})$	7025	6988	1	13719
7027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-D^{*+}\bar{D}^{*-})$	7026	6989	1	13720
7028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}n\bar{n})$	7027	6990	1	13721
7029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \bar{D}^0n\bar{\Sigma}^0$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^0n\bar{\Sigma}^0)$	7028	6991	1	13722
7030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e K^+\bar{D}^{*-}D_2^{*-}D^0)$	7029	6992	1	13723
7031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\omega K^0\bar{K}^0K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0K^-D^{*+}D^0)$	7030	6993	1	13724
7032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\omega D^+\Delta^0\bar{\Sigma}_c^0)$	1209	1208	1	13725
7033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega D^+D^-n\bar{p})$	7032	6995	1	13726
7034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	1210	1209	1	13727
7035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\omega$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-})$	7034	6997	1	13728
7036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\bar{D}^{*-}\Delta^-\bar{n}, \bar{B}^0 \to \eta K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta K^{*-}D^+\bar{D}^{*-}\Delta^-\bar{n})$	7035	6998	1	13729
7037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^{*-}D^+D^-\bar{D}^{*0})$	7036	6999	1	13730
7038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	1211	1210	1	13731

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-K^0K^+K^-K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0K^+K^-K^{*-}D^+D^{*+})$	7038	7001	1	13732
7040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^{*+}D_s^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-K^{*+}D^+D_s^-p\bar{p})$	7039	7002	1	13733
7041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^*D^-D^0)$	7040	7003	1	13734
7042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0K^0\bar{K}^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^0K^*K^-D^-D^{*+}\Delta^0\bar{\Delta}^0)$	7041	7004	1	13735
7043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0\bar{D}^{*-}D_0^{*+})$	7042	7005	1	13736
7044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0n\bar{p}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0\bar{D}^{*-}n\bar{p})$	1212	1211	1	13737
7045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-D^-D^{*0}\chi_{c1})$	7044	7007	1	13738
7046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*-}\bar{\Delta}^-n)$	7045	7008	1	13739
7047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-K^+K^-D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-K^+K^-D^+D^-D_{s0}^{*-})$	7046	7009	1	13740
7048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_2^{*+}\gamma)$	7047	7010	1	13741
7049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^+D^+\Sigma^0\bar{\Sigma}_c^{*-})$	7048	7011	1	13742
7050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^{*-}D^{*+}D^{*+}\bar{D}^0)$	7049	7012	1	13743
7051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	7050	7013	1	13744
7052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta\omega D^+\bar{D}^{*-})$	7051	7014	1	13745
7053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{K}^0\bar{D}^0D_s^{*+}D_s^{*-})$	7052	7015	1	13746
7054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	1213	1212	1	13747
7055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+D^+D^-D_s^{*-})$	7054	4703	1	13748

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta D^-D^{*+})$	7055	7017	1	13749
7057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^*p\bar{p}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\rho^-K^*D^{*+}p\bar{p})$	7056	7018	1	13750
7058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega\eta' D^-, B^0 \to \pi^0\pi^+\eta D^-\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\omega\eta' D^-D^-\bar{\Delta}^-\Delta^-)$	7057	7019	1	13751
7059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D^{*+}D_s^-)$	7058	7020	1	13752
7060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^0D^+n\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^+D^-n\bar{\Sigma}^-)$	7059	7021	1	13753
7061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\omega\omega D^+D^-)$	7060	7022	1	13754
7062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega K^0D^{*+}\bar{D}^{*-}D^0)$	7061	7023	1	13755
7063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \omega K^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\omega K^0D^-D^{*+}\bar{D}^{*-})$	7062	7024	1	13756
7064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\bar{K}^*D^-D_s^+, B^0 \to \pi^+\pi^-\rho^+\eta K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^0\bar{K}^*K^-K^{*+}D^-\bar{D}^{*-}D_s^+)$	7063	7025	1	13757
7065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	7064	7026	1	13758
7066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	1214	1213	1	13759
7067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta' D^{*+}\bar{D}^{*-})$	7066	7028	1	13760
7068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	7067	7029	1	13761
7069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^0\bar{D}^{*0})$	7068	7030	1	13762
7070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+\bar{D}^{*-}, B^0 \to \pi^0\rho^+K^0K^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+K^0K^0K^0D^+\bar{D}^{*-}D_s^{*-})$	1215	1214	1	13763
7071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D_s^+D_s^{*-}, \bar{B}^0 \to \rho^0\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\eta D^{*0}D_s^+D_s^{*-})$	7070	7031	1	13764
7072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-K^+D^-D^{*+})$	7071	7032	1	13765

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^0\bar{\Sigma}^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^-\Delta^0\bar{\Sigma}^{*+})$	1216	1215	1	13766
7074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega\bar{K}^0K^+D^-D^{*+})$	7073	7034	1	13767
7075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^0\bar{K}^0\bar{K}^*K^{*+}D^-D^{*+})$	7074	7035	1	13768
7076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	7075	7036	1	13769
7077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^-D^+D^{*+})$	1217	1216	1	13770
7078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega K^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\omega K^0D^+)$	7077	7038	1	13771
7079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega D^-D^{*+})$	7078	7039	1	13772
7080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \eta\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	7079	7040	1	13773
7081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+D^-D^0)$	7080	7041	1	13774
7082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-}D_s^-)$	7081	7042	1	13775
7083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega K^+K^-D^+\bar{D}^{*-})$	7082	7043	1	13776
7084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^-\omega\omega D^+\bar{D}^{*-}a_1^+)$	7083	7044	1	13777
7085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+K^*K^{*-}D^+\bar{D}^{*-})$	7084	7045	1	13778
7086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	1218	1217	1	13779
7087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0D^-D^{*+}D^{*+})$	7086	7047	1	13780
7088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+K^*D_s^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^*D^+D_s^{*-})$	7087	7048	1	13781
7089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^0K^+D^{*0}D_s^{*-}$ $(e^+e^- \to \rho^+\eta\omega\bar{K}^0K^+D^-D^{*0}D_s^{*-})$	7088	7049	1	13782

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^*\bar{K}^*K^+K^-D^+\bar{D}^{*-})$	1219	1218	1	13783
7091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}D^{*0})$	7090	7051	1	13784
7092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	7091	7052	1	13785
7093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}D_s^+D_s^{*-})$	7092	7053	1	13786
7094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^-\Lambda, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^-\rho^-D^+\bar{\Delta}^-n\bar{n}\Lambda)$	7093	7054	1	13787
7095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^+\gamma)$	7094	7055	1	13788
7096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \eta D^{*+}D_s^-$ $(e^+e^- \to \eta K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^-)$	7095	7056	1	13789
7097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \rho^+K^*K^-D^+D^+D^-\bar{D}^{*-})$	7096	7057	1	13790
7098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	7097	7058	1	13791
7099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-D^0)$	7098	7059	1	13792
7100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	7099	7060	1	13793
7101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-D^-\bar{D}^{*-}D^{*0})$	7100	7061	1	13794
7102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^-D^{*+}\bar{\Delta}^-\Delta^-)$	1220	1219	1	13795
7103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1^-, B^0 \to \omega\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^*K^+\bar{D}^{*-}D_s^+D_1^-)$	7102	7063	1	13796
7104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^+\pi^+K^{*-}D^-D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^{*-}D^-D^0D_1'^+)$	7103	7064	1	13797
7105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\rho^-K^{*+}D^+\bar{D}^0)$	7104	7065	1	13798
7106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*0}\eta_c)$	263	263	1	13799

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^+D^{*0}D_s^{*-})$	1222	1221	1	13800
7108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta K^+D^+D^-)$	7107	7068	1	13801
7109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta'\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta'\bar{D}^{*-}\bar{D}^{*-})$	7108	7069	1	13802
7110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^+D^+\bar{D}^{*-}\bar{n}\Lambda)$	7109	7070	1	13803
7111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0K^+\bar{D}^{*-}D^0D_s^{*+})$	7110	7071	1	13804
7112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}D^+D^-)$	7111	7072	1	13805
7113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\pi^-\rho^-D^+)$	7112	7073	1	13806
7114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_2^{*0}J/\psi, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\nu_\mu K_2^{*0}J/\psi D_1^-)$	7113	7074	1	13807
7115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \phi D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\phi D^+D^-D_s^-)$	7114	7075	1	13808
7116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta K^{*-}D^-D^{*+}\bar{D}^0)$	7115	7076	1	13809
7117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*K^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*K^+D^-)$	1223	1222	1	13810
7118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\omega D^+\bar{D}^{*0})$	7117	7078	1	13811
7119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^{*+}D_s^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \eta K^-D^{*+}D^{*+}\bar{D}^{*0}D_s^-)$	7118	7079	1	13812
7120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-}\eta_c)$	7119	7080	1	13813
7121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\omega K^0D^{*+}D^{*+}\bar{D}^{*-})$	7120	7081	1	13814
7122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-D^+\bar{D}^{*-}\bar{n}p)$	7121	7082	1	13815
7123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\bar{D}^0D^{*0}, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0\bar{D}^{*-}\bar{D}^0D^{*0})$	7122	7083	1	13816

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*D^{*+}D_2^{*-})$	7123	7084	1	13817
7125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+K^-K^{*+}D^-D^0D^0\bar{D}^0)$	1224	1223	1	13818
7126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^*\bar{D}^{*0}n\bar{p}, \bar{B}^0 \to \eta D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^*D^+\bar{D}^{*0}D_s^-n\bar{p})$	7125	7086	1	13819
7127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0J/\psi, B^0 \to \rho^0p\bar{\Sigma}_c^-$ $(e^+e^- \to \rho^0K^0J/\psi p\bar{\Sigma}_c^-)$	7126	7087	1	13820
7128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^{*-}D^+D^{*+})$	7127	7088	1	13821
7129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K_S\bar{K}^*D^{*+}\bar{D}^{*-}\eta_c)$	7128	7089	1	13822
7130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0\eta'D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0\bar{K}^0\eta'D^{*+}\bar{D}^{*-})$	7129	7090	1	13823
7131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \omega\omega D^0$ $(e^+e^- \to e^+\nu_e\omega\omega D^0D_1^-)$	7130	7091	1	13824
7132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0D^{*+}D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^0D^{*+}D^{*+}D_s^-)$	7131	7092	1	13825
7133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^+K^-K^-D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^+K^+K^-K^-D^-D^{*+})$	7132	7093	1	13826
7134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	7133	7094	1	13827
7135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^{*+}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\omega D^-D_s^{*+}\bar{n}\Sigma_c^+)$	1225	1224	1	13828
7136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^*D^{*+}D_1^+)$	7135	7096	1	13829
7137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{D}^{*-}p\bar{p})$	7136	7097	1	13830
7138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^0K^+K^-D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega K^0\bar{K}^0K^+K^-D^+D^-)$	7137	7098	1	13831
7139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^-\bar{\Sigma}^+\Xi_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-\bar{D}^{*-}\bar{\Sigma}^+\Xi_c^0)$	7138	7099	1	13832
7140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_1^-)$	7139	7100	1	13833

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+}D^{*0}D_s^-)$	7140	7101	1	13834
7142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- K^0\bar{K}^0\bar{K}^0 D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^- K^0\bar{K}^0\bar{K}^0 D_s^{*+}D_1^-)$	7141	7102	1	13835
7143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^{*+}D^0\bar{D}^{*0})$	7142	7103	1	13836
7144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega K^+K^{*-}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	1226	1225	1	13837
7145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^- p\bar{p}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\eta D^+D^-D_s^{*-}p\bar{p})$	7144	7105	1	13838
7146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0D^-D^0D_1'^+)$	7145	7106	1	13839
7147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^+D^-)$	264	264	1	13840
7148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^{*0}a_1^-)$	7147	7108	1	13841
7149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta K^0\bar{K}^0D^-D_2^{*+})$	7148	7109	1	13842
7150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	7149	7110	1	13843
7151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}D_1'^+)$	1228	1227	1	13844
7152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+\bar{D}^{*0}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\pi^-K^+D^{*+}\bar{D}^{*0}\bar{\Delta}^0\Delta^+)$	7151	7112	1	13845
7153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^{*+}D^-D^{*+}D^{*0}D_{s1}'^-)$	7152	7113	1	13846
7154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	7153	7114	1	13847
7155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^+)$	7154	7115	1	13848
7156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+D^-D^{*+}D_s^{*-}\bar{\Sigma}^+\Sigma^-)$	7155	7116	1	13849
7157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\rho^-\rho^-K^0D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\rho^-\rho^-K^0D^{*+}D_s^-)$	7156	7117	1	13850

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\bar{D}^{*-}D^{*0}D_s^-)$	7157	7118	1	13851
7159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-K^+K^{*-}D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-K^+K^{*-}D^+D^-)$	7158	7119	1	13852
7160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^+D^+D^-n\bar{p})$	7159	7120	1	13853
7161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^-D_{s1}'^+)$	7160	7121	1	13854
7162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^+D^{*+}D_s^{*-}n\bar{\Delta}^{++})$	7161	7122	1	13855
7163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\eta D^+\bar{D}^{*-})$	7162	7123	1	13856
7164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^*\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^*\bar{K}^*D^-D^0D_s^+)$	7163	7124	1	13857
7165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	7164	1079	1	13858
7166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+})$	7165	7125	1	13859
7167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p, B^0 \to \pi^-\rho^+\rho^+\eta\omega K^0D^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega K^0D^-\bar{D}^{*-}\bar{n}p)$	7166	7126	1	13860
7168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^*K^-D^+\bar{D}^0D_s^{*+})$	7167	7127	1	13861
7169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^*K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^*K^+K^{*-}\bar{D}^{*-}D_2^{*+}D_s^-)$	7168	7128	1	13862
7170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\bar{\Delta}^{++}\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+D^-\bar{\Delta}^{++}\Sigma_c^{*+})$	7169	7129	1	13863
7171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+\bar{D}^{*-}\bar{n}p)$	7170	7130	1	13864
7172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta K^{*+}D^{*+}\bar{D}^{*0})$	7171	7131	1	13865
7173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^+D^{*+})$	7172	7132	1	13866
7174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega D^-\bar{n}\Delta^{++}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\omega D^-D^{*+}\bar{n}\Delta^{++})$	7173	7133	1	13867

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0D^-, \bar{B}^0 \to \rho^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^0\rho^0\rho^+K^0\bar{K}^0D^-\bar{D}^0D^{*0})$	7174	7134	1	13868
7176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^{*+}D^+\bar{D}^{*-}D^{*0})$	265	265	1	13869
7177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\Sigma^{*0}\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \eta'D^{*+}\Sigma^{*0}\bar{\Xi}_c^{\prime 0}a_1^-\gamma)$	7176	7136	1	13870
7178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	7177	7137	1	13871
7179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	7178	7138	1	13872
7180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D_s^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0K^*D^{*+}D_s^+D_s^-)$	266	266	1	13873
7181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^*D^{*+}D^0\bar{D}^{*0})$	1231	1230	1	13874
7182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^0, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^0\bar{K}^0\eta_c)$	1232	1231	1	13875
7183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^{*+}\bar{D}^{*-})$	7182	7142	1	13876
7184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D_1^+\chi_{c1})$	7183	7143	1	13877
7185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+n\bar{p}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*0}n\bar{p})$	7184	7144	1	13878
7186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega\omega D^-D^{*+})$	7185	7145	1	13879
7187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^0D^+D^-\bar{D}^0)$	7186	7146	1	13880
7188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^0K^{*+}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^0K^{*+}D_2^{*-})$	7187	7147	1	13881
7189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^-D^-D^{*+}\bar{D}^0)$	7188	7148	1	13882
7190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0)$	7189	7149	1	13883
7191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-K^*K^{*-}D^+\bar{D}^{*-})$	7190	7150	1	13884

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^-D^{*+}\bar{\Delta}^0\Delta^+)$	7191	7151	1	13885
7193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+)$	7192	7152	1	13886
7194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{K}_1^0\psi(3770))$	7193	7153	1	13887
7195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to K^0\bar{K}^*D^+D^-p\bar{\Lambda}_c^-)$	7194	7154	1	13888
7196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0\gamma$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^0D_1^-\gamma)$	7195	7155	1	13889
7197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \pi^0\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_{s1}^-)$	1233	1232	1	13890
7198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{n})$	7197	7157	1	13891
7199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega D^+D^-)$	7198	7158	1	13892
7200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\eta_c, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to K_LK^+\bar{D}^{*-}D^0\eta_c)$	7199	7159	1	13893
7201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^+D^-D^-)$	7200	7160	1	13894
7202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^+\rho^-K^0K^-D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^+\rho^-K^0K^-D^-\bar{D}^{*-})$	7201	7161	1	13895
7203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	7202	7162	1	13896
7204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\omega D^-D^{*+})$	7203	7163	1	13897
7205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^-\phi\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\phi\bar{D}^{*-}\bar{D}^0D_s^{*+})$	7204	7164	1	13898
7206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\gamma)$	7205	7165	1	13899
7207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^-D^+D^-\bar{n}p)$	7206	7166	1	13900
7208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to K^{*-}D^+n\bar{\Lambda}$ $(e^+e^- \to \rho^+K^{*-}D^+D^-n\bar{\Lambda})$	7207	7167	1	13901

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^- D^- D^{*+} D_s^{*+})$	7208	7168	1	13902
7210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to K^0K^0K^0\bar{K}^0\bar{K}^* K^- D^+$ $(e^+e^- \to K^0K^0K^0\bar{K}^0\bar{K}^* K^+ K^- D^+ \bar{D}^{*-} D^{*0})$	7209	7169	1	13903
7211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_s^+ D_1^-)$	7210	7170	1	13904
7212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+\gamma, \bar{B}^0 \to \pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{D}^{*-} D^{*0} D_s^+\gamma)$	7211	7171	1	13905
7213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^- \bar{n}p, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^- D^{*+}\bar{n}p)$	7212	7172	1	13906
7214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^- D^+ D_1^+)$	7213	7173	1	13907
7215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to D^- D^{*0}p\bar{\Delta}^+ D_{s1}'^+)$	7214	7174	1	13908
7216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+} D^{*+} D_s^{*-})$	7215	7175	1	13909
7217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta\eta' D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\eta\omega\eta' D^{*+} p\bar{\Sigma}_c^-)$	7216	7176	1	13910
7218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	7217	7177	1	13911
7219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-} D_s^{*-})$	7218	7178	1	13912
7220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 K^* K^-, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega K^0 K^* K^- D^{*+})$	7219	7179	1	13913
7221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0 D^+ D^{*+})$	7220	7180	1	13914
7222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^+ K^- D^0\bar{D}^0$ $(e^+e^- \to \pi^+ K^- D^- D^0\bar{D}^0 D_s^+)$	7221	7181	1	13915
7223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\bar{D}^0 D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+ D^{*+}\bar{D}^0 D_s^+)$	7222	7182	1	13916
7224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^+\pi^- D_2^{*-})$	7223	7183	1	13917
7225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^- K^* D^{*+}\bar{D}^{*-} D^0)$	7224	7184	1	13918

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\rho^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\rho^-D^+D^{*+}D_s^-\bar{\Sigma}^+\Sigma^-)$	7225	7185	1	13919
7227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	7226	7186	1	13920
7228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+D^+)$	1234	1233	1	13921
7229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\rho^+\rho^+D^-D^{*+})$	7228	7188	1	13922
7230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^0)$	7229	7189	1	13923
7231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^*K^-D^{*+}D^{*+}a_1^-)$	7230	7190	1	13924
7232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	267	267	1	13925
7233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta K^*D^-D^{*+}\bar{D}^{*-})$	7232	7192	1	13926
7234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^+D_s^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\rho^-\bar{K}^*K^+D^+\bar{D}^{*-}D_s^-)$	7233	7193	1	13927
7235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^+D^+D^-)$	7234	7194	1	13928
7236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-K^+D^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+K^{*-}D^+D^-D^{*+}\bar{D}^0)$	7235	7195	1	13929
7237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+\rho^-\eta\bar{D}^{*-})$	7236	7196	1	13930
7238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-\Delta^0\bar{\Delta}^+, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^+D^+D^-\Delta^-\bar{n}\Delta^0\bar{\Delta}^+)$	7237	7197	1	13931
7239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}D_s^{*-})$	7238	7198	1	13932
7240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\phi D^-D_2^{*+}D_s^{*+})$	1236	1235	1	13933
7241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	1237	1236	1	13934
7242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{K}^0D^-\eta_c)$	7241	7201	1	13935

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^+D^+D^-)$	7242	7202	1	13936
7244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*0}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \omega\bar{K}^*D^{*0}D^{*0}\bar{D}^{*0})$	7243	7203	1	13937
7245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\omega\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega\omega D^{*+}D_0^{*-})$	1238	1237	1	13938
7246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}\Sigma^0\bar{\Sigma}^-)$	7245	7205	1	13939
7247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+}\Sigma^0\bar{\Sigma}^-)$	7246	7206	1	13940
7248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^+\bar{D}^{*-}D_s^+D_1^-)$	7247	7207	1	13941
7249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega\omega D^-D^{*+})$	7248	7208	1	13942
7250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega n\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\omega D^{*+}n\bar{\Lambda}_c^-)$	7249	7209	1	13943
7251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+K^0\bar{K}^0K^-\bar{D}^{*-}D^0\bar{D}^{*0})$	1239	1238	1	13944
7252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta D^-D^{*+}D_s^+)$	7251	7211	1	13945
7253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\eta K^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^0D^-D^{*+}\bar{D}^{*-})$	1240	1239	1	13946
7254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^+)$	1241	1240	1	13947
7255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	7254	7214	1	13948
7256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^{*+}D^+\bar{D}^{*-}a_1^-)$	7255	7215	1	13949
7257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-\bar{D}^{*-}D_s^+\bar{n}\Lambda_c^+)$	1242	1241	1	13950
7258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^+\omega D^-p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega D^-p\bar{p}D_1^-)$	7257	7217	1	13951
7259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^0\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^0\bar{D}^0)$	7258	7218	1	13952

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0)$	7259	7219	1	13953
7261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega\omega D^+D^-)$	7260	7220	1	13954
7262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	7261	1417	1	13955
7263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^-D^+\bar{D}^0D_s^+\Delta^0\bar{p})$	7262	7221	1	13956
7264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^*D^+\bar{D}^0D^{*0})$	7263	7222	1	13957
7265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\bar{K}^0D^-D^{*+})$	7264	7223	1	13958
7266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+D^{*+}a_1^-)$	7265	1469	1	13959
7267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	7266	7224	1	13960
7268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega D^+\bar{D}^{*-})$	7267	7225	1	13961
7269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+D^-D^{*+}n\bar{p})$	7268	7226	1	13962
7270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^-K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^-K^{*+}D^0\bar{D}^{*0}D_s^{*+})$	7269	7227	1	13963
7271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta D^+D^-D_s^+)$	7270	7228	1	13964
7272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\omega K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega\omega\omega K^0D^{*+}\bar{D}^{*0})$	7271	7229	1	13965
7273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \rho^0\pi^+K^0\bar{K}^0K^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^+K^0\bar{K}^0K^{*-})$	7272	7230	1	13966
7274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-D_2^{*-}D_s^{*+})$	7273	7231	1	13967
7275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^0\bar{K}^0K^+D^+\bar{D}^{*-}D_{s1}'^-)$	7274	7232	1	13968
7276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0K^+\bar{D}^{*-}D_1'^-)$	7275	7233	1	13969

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to e^+\nu_e\rho^- D_1^+ D_1'^-)$	7276	7234	1	13970
7278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^- K^0 D^{*+}\Sigma^0\bar{\Sigma}_c^{*0})$	7277	7235	1	13971
7279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\rho^-\eta, B^0 \to K^+D^-D^0$ $(e^+e^- \to \rho^+\rho^-\eta K^+D^-D^0)$	1243	1242	1	13972
7280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+ p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+ D^+ p\bar{\Lambda}_c^-)$	7279	7237	1	13973
7281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	7280	7238	1	13974
7282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\eta D^-$ $(e^+e^- \to e^+\nu_e\pi^+\eta D^-D^-)$	7281	7239	1	13975
7283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-})$	7282	7240	1	13976
7284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	7283	7241	1	13977
7285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^{*+}K^{*-}D^-D^0D_s^-)$	7284	7242	1	13978
7286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0D_s^+\bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^-D_s^+\bar{p}\Delta^+\Lambda\bar{\Sigma}_c^{*0})$	1244	1243	1	13979
7287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \mu^+\nu_\mu D_1'^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}a_1^+D_1'^-)$	7286	7244	1	13980
7288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0K^*D^-D^{*+})$	7287	7245	1	13981
7289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^0\bar{K}^0D^+D^-)$	7288	7246	1	13982
7290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, B^0 \to \rho^0\pi^+\pi^-K^-K^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-K^0K^-K^{*+}\bar{D}^0D^{*0}\bar{D}^{*0})$	7289	7247	1	13983
7291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^*D^+D^{*0}\bar{D}^{*0})$	7290	7248	1	13984
7292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to \rho^-D^-D_2^{*+}D_s^{*+}\gamma)$	1245	1244	1	13985
7293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	7292	6319	1	13986

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^0D^+D^-)$	7293	7250	1	13987
7295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-K^+D^+D^{*+}\bar{D}^{*-}D_s^{*-})$	7294	7251	1	13988
7296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+\eta_c, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-K^*K^-D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^*K^+K^-D^0\eta_c)$	7295	7252	1	13989
7297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta D^-, B^0 \to \rho^0\pi^+\eta K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\eta\eta K^-K^{*+}D^-\bar{D}^{*-})$	7296	7253	1	13990
7298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Xi_c^{*+}$ $(e^+e^- \to \rho^-D^-D_s^{*+}\bar{n}\Xi_c^{*+})$	7297	7254	1	13991
7299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^{*+}D_2^{*+}D_s^{*-})$	7298	7255	1	13992
7300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{n}\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*-}\bar{n}\Delta^0)$	7299	7256	1	13993
7301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\omega D^{*+}D_2^{*-})$	7300	7257	1	13994
7302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^-D^{*+}D_s^+)$	7301	7258	1	13995
7303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-K^+D^{*+}\bar{D}^{*-}D^0)$	7302	7259	1	13996
7304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^-\eta' D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\eta' D^+D^-)$	1246	1245	1	13997
7305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\bar{K}^0D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega\bar{K}^0D^+D^0)$	7304	7261	1	13998
7306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega K^-K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega K^-K^{*+}D^+D^-)$	7305	7262	1	13999
7307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^*D^+D^{*+})$	7306	7263	1	14000
7308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta_cn\bar{\Lambda}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to D_2^{*+}D_s^-\eta_cn\bar{\Lambda})$	7307	7264	1	14001
7309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega D^-D^{*+})$	7308	7265	1	14002
7310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \phi D^{*+}D_s^-$ $(e^+e^- \to e^+\nu_e\phi D^-D^{*+}D_s^-)$	7309	7266	1	14003

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to \rho^- D^+ \bar{\Delta}^- \Delta^-$ $(e^+e^- \to \rho^- K^0 D^+ D_s^+ D_s^{*-} \bar{\Delta}^- \Delta^-)$	7310	7267	1	14004
7312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, \bar{B}^0 \to \omega \bar{p} \Xi_c'^+$ $(e^+e^- \to \omega K^+ \bar{D}^{*-} D^{*0} \bar{p} \Xi_c'^+)$	7311	7268	1	14005
7313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \rho^+ D^-, B^0 \to \pi^0\pi^0\pi^+ \omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\omega D^- D^-)$	7312	7269	1	14006
7314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^0\pi^0 D^- D^{*+})$	7313	7270	1	14007
7315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^- \bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- \bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^- \bar{D}^{*0}\bar{D}^{*0})$	7314	7271	1	14008
7316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 p \bar{\Sigma}^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^0 D_s^{*-} p\bar{\Sigma}^-)$	7315	7272	1	14009
7317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 D^- D^{*+}, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^- K^0 \bar{K}^0 D^- D^{*+} D^{*+} \bar{D}^{*-})$	7316	7273	1	14010
7318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^- D^+ D^{*+})$	7317	7274	1	14011
7319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 \bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^{*+} \Delta^- \bar{\Delta}^0$ $(e^+e^- \to \pi^+ K^0 D^{*+} \bar{D}^{*-} D^{*0} \Delta^- \bar{\Delta}^0)$	7318	7275	1	14012
7320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* \bar{p} \Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{K}^* \bar{D}^{*-} \bar{p} \Lambda_c^+)$	7319	7276	1	14013
7321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^+\omega D^+ \bar{D}^{*-} D_s^{*-}\gamma)$	7320	7277	1	14014
7322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ D^- n\bar{n}, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^- D^- D^{*+} n\bar{n})$	7321	7278	1	14015
7323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^- \bar{\Delta}^0 \Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^- D^- \bar{\Delta}^0 \Sigma_c^+)$	1247	1246	1	14016
7324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0 D^+ D^{*+} D_s^- D_s^{*-})$	7323	7280	1	14017
7325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 \Delta^0 \bar{\Sigma}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ \bar{D}^0 D^{*0} \Delta^0 \bar{\Sigma}^0)$	7324	7281	1	14018
7326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \rho^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+ D^- D^{*0} D_s^{*-})$	7325	7282	1	14019
7327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^- \bar{K}^0 D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta \bar{K}^0 \bar{D}^{*-} D^0)$	7326	7283	1	14020

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^{*+}D_2^{*-}D_s^{*+})$	7327	7284	1	14021
7329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0D^{*+}\bar{D}^0D^{*0})$	7328	7285	1	14022
7330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\eta D^-\bar{D}^{*-})$	7329	7286	1	14023
7331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to \pi^0\rho^+K_SK^*\bar{K}^*\bar{D}^{*-}\psi')$	7330	7287	1	14024
7332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^+K^-K^{*+}D^-D^{*0}p\bar{\Delta}^+)$	7331	7288	1	14025
7333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^-D^+\bar{D}^{*-}\bar{D}^0D^{*0})$	7332	7289	1	14026
7334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0K^0\bar{K}^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^0\bar{K}^*K^-D^+\bar{D}^{*-})$	7333	7290	1	14027
7335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta\eta\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta K^*D^-D^{*+}\bar{p}\Lambda_c^+)$	7334	7291	1	14028
7336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}D_s^+D_s^-)$	7335	7292	1	14029
7337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^-D_s^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^+K^-D_s^{*+}D_1'^-)$	7336	7293	1	14030
7338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+D_s^{*-}J/\psi K_1^0)$	7337	7294	1	14031
7339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+D_s^+D_1^-a_1^-)$	7338	7295	1	14032
7340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta K^0K^{*-}D^+\bar{D}^{*-})$	7339	7296	1	14033
7341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\eta_c, B^0 \to \bar{D}^{*-}D_{s0}^{*+}$ $(e^+e^- \to K^0\bar{D}^{*-}\eta_cD_{s0}^{*+})$	7340	7297	1	14034
7342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	7341	7298	1	14035
7343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^-)$	7342	7299	1	14036
7344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\eta'D^+\bar{D}^{*-}n\bar{n})$	7343	7300	1	14037

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, B^0 \to \eta\bar{D}^{*-}\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Delta^+D'^+_{s1})$	7344	7301	1	14038
7346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*D^{*+}\eta_c)$	7345	7302	1	14039
7347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta\omega D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\omega\omega\bar{K}^*D^+)$	7346	7303	1	14040
7348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Sigma_c^{*0}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{\Sigma}^0\Sigma_c^{*0}a_1^-)$	7347	7304	1	14041
7349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	7348	7305	1	14042
7350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	1248	1247	1	14043
7351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-n\bar{n}\bar{n}\Sigma_c^+)$	7350	7307	1	14044
7352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0D^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0D^-\bar{D}^{*-}D_s^{*+}D_s^{*+})$	7351	7308	1	14045
7353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD'^+_1$ $(e^+e^- \to e^-\bar{\nu}_eK_L\eta_cD'^+_1)$	7352	7309	1	14046
7354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\bar{D}^{*-}D_2^{*+})$	7353	7310	1	14047
7355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-D^{*0})$	1249	1248	1	14048
7356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}\bar{n}\Delta^0)$	1250	1249	1	14049
7357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0D^-D^{*+}\bar{n}pa_1^-)$	7356	7313	1	14050
7358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+D^+D_s^-\Delta^0\bar{\Sigma}_c^-)$	7357	7314	1	14051
7359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}D'^+_{s1})$	7358	7315	1	14052
7360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\Sigma^0\bar{\Omega}_c^0, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0\phi D^+D^-\Sigma^0\bar{\Omega}_c^0)$	7359	7316	1	14053
7361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}D_2^{*+})$	7360	7317	1	14054

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	7361	7318	1	14055
7363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0D^-\Delta^0\bar{\Delta}^0\chi_{c1})$	7362	7319	1	14056
7364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\bar{K}^0\bar{D}^{*-})$	7363	7320	1	14057
7365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega K^0\bar{K}^0D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\eta\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\eta\eta\omega K^0\bar{K}^0\bar{K}^*K^+D^+D^+)$	7364	7321	1	14058
7366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta D^-D^{*0}p\bar{\Delta}^+)$	7365	7322	1	14059
7367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+D^-D^{*0})$	7366	7323	1	14060
7368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^+D^-\bar{D}^0)$	7367	7324	1	14061
7369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}D_2^{*+})$	7368	7325	1	14062
7370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0K^0\bar{K}^*K^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{K}^*K^+\bar{D}^{*-}D_s^{*-})$	7369	7326	1	14063
7371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0\bar{K}^0K^*\bar{K}^*\bar{D}^{*-})$	7370	7327	1	14064
7372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta K^+K^{*-}D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta K^+K^{*-}D^+D^-)$	7371	7328	1	14065
7373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega D^+J/\psi K_1^0)$	1251	1250	1	14066
7374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+\eta' D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\omega K^+\eta' D^{*+}D_s^{*-})$	7373	7330	1	14067
7375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+D^{*+}\bar{p}\Lambda$ $(e^+e^- \to \pi^-K^0K^+D^{*+}D^{*+}\bar{D}^{*-}\bar{p}\Lambda)$	7374	7331	1	14068
7376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \rho^-K^0\bar{K}^*D^{*+}D^0\bar{D}^0\bar{D}^{*0})$	7375	7332	1	14069
7377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0})$	7376	7333	1	14070
7378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^+D^-)$	7377	7334	1	14071

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^- D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0 K^0 D^- D^{*+} D^{*+})$	7378	7335	1	14072
7380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\bar{D}^{*-}\bar{D}^{*-})$	7379	7336	1	14073
7381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Lambda}\Sigma^+, \bar{B}^0 \to \pi^+K^-\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^+\omega K^- D^-\bar{D}^0 D^{*0}\bar{\Lambda}\Sigma^+)$	7380	7337	1	14074
7382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- D^-, \bar{B}^0 \to D_s^{*-} D_1'^+$ $(e^+e^- \to \pi^+\rho^+\rho^- D^- D_s^{*-} D_1'^+)$	1252	1251	1	14075
7383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{p}\Sigma_c^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{p}\Sigma_c^0)$	7382	7339	1	14076
7384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to D^- D_s^{*+} J/\psi\bar{K}_1^0)$	7383	7340	1	14077
7385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+K^*\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+K^*\bar{K}^*D^-D^{*+})$	7384	7341	1	14078
7386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-D^+D^-)$	7385	7342	1	14079
7387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-})$	7386	7343	1	14080
7388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-)$	7387	7344	1	14081
7389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	1253	1252	1	14082
7390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\eta'D^-D^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^+\eta'D^-D^{*+}D^0\Delta^-\bar{\Delta}^0)$	7389	7346	1	14083
7391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^{*+}D^-D^0\bar{\Delta}^0\Sigma_c^+)$	268	268	1	14084
7392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_2^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+D^{*+}D_2^{*-}D_s^{*-})$	7391	7348	1	14085
7393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\eta'D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^-\eta'D^-D^{*+}\bar{D}^{*0})$	7392	7349	1	14086
7394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\eta\bar{D}^0D_1^+)$	7393	7350	1	14087
7395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-D^+D_1^-)$	7394	7351	1	14088

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+D^+\Sigma^-\bar{\Sigma}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^+D^{*+}\Sigma^-\bar{\Sigma}^{*-})$	1255	1254	1	14089
7397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta K^*K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^*K^{*-}D^+D^{*+})$	7396	7353	1	14090
7398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to D^-D^{*+}\bar{n}pD'^-_{s1})$	7397	7354	1	14091
7399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, B^0 \to \pi^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0)$	7398	7355	1	14092
7400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}_s D'^-_1, \bar{B}^0 \to \bar{K}^0\Lambda^+_c\bar{\Lambda}^-_c$ $(e^+e^- \to \bar{K}^0D^{*+}_s\Lambda^+_c\bar{\Lambda}^-_c D'^-_1)$	7399	7356	1	14093
7401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}^{--}_c, B^0 \to \rho^+\rho^-D^-\bar{n}p$ $(e^+e^- \to \pi^+\rho^+\rho^-D^-\bar{n}p\Delta^+\bar{\Sigma}^{--}_c)$	7400	7357	1	14094
7402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^{*+}_s, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\bar{K}^0D^+\bar{D}^{*-}D^{*+}_s)$	7401	7358	1	14095
7403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \bar{K}^*D^-p\bar{\Lambda}$ $(e^+e^- \to \pi^+\bar{K}^*D^-\bar{D}^{*-}p\bar{\Lambda})$	7402	7359	1	14096
7404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D^{*+}_s, B^0 \to \pi^0\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega D^-\bar{D}^0D^{*+}_s)$	7403	7360	1	14097
7405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta'\bar{D}^0, \bar{B}^0 \to D^+D^{*-}_{s0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta'D^+\bar{D}^0D^{*-}_{s0})$	7404	7361	1	14098
7406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^+\bar{D}^{*-})$	7405	7362	1	14099
7407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^0\bar{\Sigma}^-_c, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+K^+K^{*-}\eta_c\Delta^0\bar{\Sigma}^-_c)$	7406	7363	1	14100
7408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\omega K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\omega\omega K^0K^-D^{*+}\bar{D}^{*-})$	1256	1255	1	14101
7409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-_1, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^-_1\bar{X}_{sd}\gamma)$	7408	7365	1	14102
7410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{K}^*D^-\bar{D}^{*-}D^0)$	7409	7366	1	14103
7411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}_s, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \bar{K}^0D^-D^{*+}_s\eta_c)$	7410	7367	1	14104
7412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{K}^0D^-D^{*+}\bar{D}^0)$	269	269	1	14105

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^+ K^0 D^+ \bar{D}^{*-} D^{*0} D_s^{*-})$	7412	7369	1	14106
7414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \tau^+\nu_\tau \pi^- \eta' D^+ \bar{D}^{*-})$	7413	7370	1	14107
7415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^* K^+ D^-, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^* K^+ D^+ D^- D_{s1}'^-)$	7414	7371	1	14108
7416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^-\omega D^+ n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega D^+ D^- n\bar{n})$	7415	7372	1	14109
7417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^+ K^{*-} \bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^+ K^{*-} D^{*+} \bar{D}^{*-})$	7416	7373	1	14110
7418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\omega\omega D^+ \bar{D}^{*-})$	1258	1257	1	14111
7419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^- D^0$ $(e^+e^- \to e^+\nu_e \rho^0\pi^+\pi^- \bar{D}^{*-} D^0)$	7418	7375	1	14112
7420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^- p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega D^- D^{*+} p\bar{p})$	7419	7376	1	14113
7421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \rho^0\omega D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^0\omega D^{*0} D_1^+)$	7420	7377	1	14114
7422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^- \bar{\Delta}^+\Sigma_c^+)$	7421	7378	1	14115
7423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^- D^-, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^- D^+ D^-)$	7422	7379	1	14116
7424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e \rho^0 K^0 D^+ J/\psi)$	7423	7380	1	14117
7425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \rho^0 D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^- D^- D^{*0})$	7424	7381	1	14118
7426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-} D_1'^+$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-} D_s^{*-} D_1'^+)$	7425	7382	1	14119
7427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+ K^0\bar{K}^0 K^{*-} J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^+ K^0\bar{K}^0 K^{*-} D_2^{*-} J/\psi)$	1259	1258	1	14120
7428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \pi^0\rho^+\omega\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0)$	7427	7384	1	14121
7429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*-})$	7428	7385	1	14122

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-\gamma$ $(e^+e^- \to \pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^-\gamma)$	7429	7386	1	14123
7431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+})$	7430	7387	1	14124
7432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*-})$	7431	7388	1	14125
7433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+D^-)$	7432	7389	1	14126
7434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta D^+D^+)$	7433	7390	1	14127
7435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}D^+\bar{D}^0D_s^-)$	7434	7391	1	14128
7436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega D_0^{*-})$	7435	7392	1	14129
7437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Lambda}\Lambda_c^+, B^0 \to \pi^+\rho^+K^0K^{*-}D^-$ $(e^+e^- \to \pi^+\rho^+K^0K^{*-}D^-D^-\bar{\Lambda}\Lambda_c^+)$	270	270	1	14130
7438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	7437	7394	1	14131
7439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\eta_c(2S), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^{*+}\eta_c(2S))$	7438	7395	1	14132
7440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	7439	7396	1	14133
7441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+K^+K^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+K^+K^{*-}D^{*+})$	1261	1260	1	14134
7442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}a_1^+)$	7441	7398	1	14135
7443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-K^0K^-D^+D^-)$	7442	7399	1	14136
7444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^+\bar{D}^{*-})$	7443	7400	1	14137
7445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*0})$	1262	1261	1	14138
7446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-})$	1263	1262	1	14139

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^+ D^{*+} a_1^- D_1'^-)$	7446	7403	1	14140
7448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^- D^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^- D^+\bar{D}^0 D_1^+)$	7447	7404	1	14141
7449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta D^-\bar{\Delta}^+\Sigma_c^{*0})$	7448	7405	1	14142
7450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-} D^0 n\bar{\Delta}^0)$	1264	1263	1	14143
7451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^- K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	7450	7407	1	14144
7452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+ D^-)$	7451	7408	1	14145
7453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	7452	7409	1	14146
7454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0\rho^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\bar{K}^* K^+ D^+ D^- n\bar{n})$	7453	7410	1	14147
7455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^- K^{*+} D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+ K^- K^{*+} D^- D^{*+} D_s^{*-})$	7454	7411	1	14148
7456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0 K^+\bar{D}^{*-} D^0\bar{D}^{*0})$	7455	7412	1	14149
7457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+\bar{D}^0)$	7456	7413	1	14150
7458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^0 K^{*-}\phi D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^- K^0 K^{*-}\phi D^{*+}\bar{D}^{*-})$	7457	7414	1	14151
7459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\bar{K}^* D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^* D^+\bar{D}^{*-} D_s^{*+})$	7458	7415	1	14152
7460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^-\omega D^+\gamma$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^+ D^+\gamma)$	7459	7416	1	14153
7461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^- D^+ D^-)$	7460	7417	1	14154
7462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^- K^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^- K^- D^- D^{*0})$	7461	7418	1	14155
7463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \pi^0\pi^+\omega D^-\bar{X}_{sd}\gamma)$	7462	7419	1	14156

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^{*+}D^-, \bar{B}^0 \to \omega\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \pi^+\rho^-\omega K^{*+}D^-\bar{\Delta}^0\Xi_c^{*0})$	7463	7420	1	14157
7465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega\omega D^+D^-)$	7464	7421	1	14158
7466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega K^0K^-D^+D^-)$	7465	7422	1	14159
7467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\Sigma^0\bar{\Sigma}^-)$	7466	7423	1	14160
7468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \eta\eta D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\eta D^-D^{*+}D_s^{*-})$	1265	1264	1	14161
7469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \rho^0\rho^0\pi^+\pi^-K^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0D_2^{*-}D_s^+)$	7468	7425	1	14162
7470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^+K^-D^-\bar{D}^0D^{*0}D^{*0})$	7469	7426	1	14163
7471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta D^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^{*+}D^0)$	7470	7427	1	14164
7472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	7471	7428	1	14165
7473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0D^0D^{*0}\bar{D}^{*0}D_s^-)$	7472	7429	1	14166
7474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^-\bar{D}^{*-}D^0)$	7473	7430	1	14167
7475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}D_s^-)$	7474	7431	1	14168
7476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-D^{*+}D_1'^-)$	7475	7432	1	14169
7477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0D^-\psi')$	1266	1265	1	14170
7478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\bar{K}^0D^+D^+\bar{D}^{*0})$	7477	7434	1	14171
7479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0D^{*+}\bar{D}^{*-}a_1^-)$	7478	7435	1	14172
7480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}D^0)$	1267	1266	1	14173

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^-D^{*+}p\bar{p})$	7480	7437	1	14174
7482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\eta\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta\eta\bar{K}^0D^+\bar{D}^{*-}\bar{n}p)$	7481	7438	1	14175
7483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}D'^-_{s1})$	7482	7439	1	14176
7484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+D^0D^{*-}_s$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-D^-D^0D^{*-}_s)$	7483	7440	1	14177
7485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D'^-_1, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^+D'^-_1)$	7484	7441	1	14178
7486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}^{*0}_c, B^0 \to \pi^+K^0\bar{K}^*D^-$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^*D^-\Delta^0\bar{\Sigma}^{*0}_c)$	1268	1267	1	14179
7487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D^{*-}_s$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D^{*-}_s)$	7486	7443	1	14180
7488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\rho^+\eta\omega\omega K^*\bar{K}^*D^+D^-)$	7487	7444	1	14181
7489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Omega}^0_c, \bar{B}^0 \to \pi^0\pi^+D^0D^{*-}_s$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*D^0D^{*-}_s n\bar{\Omega}^0_c)$	7488	7445	1	14182
7490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \bar{K}^*\bar{K}^*\eta_c J/\psi)$	7489	7446	1	14183
7491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^-K^{*+}D^{*+}\bar{D}^{*-})$	7490	7447	1	14184
7492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}_0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^{*+}D^{*+}_0)$	7491	7448	1	14185
7493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega D^-D^{*+})$	7492	7449	1	14186
7494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^-D^{*+}D^{*+})$	7493	7450	1	14187
7495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+_1$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*0}D^+_1)$	7494	7451	1	14188
7496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^+\bar{\Sigma}^-_c, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega K^0K^-D^{*+}\Delta^+\bar{\Sigma}^-_c)$	7495	7452	1	14189
7497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\rho^-K^*, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^*K^-D^0\bar{D}^{*0})$	7496	7453	1	14190

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^- D_2^{*+}\bar{D}^0)$	7497	7454	1	14191
7499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \omega K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^* K^{*-} D^- D^{*+})$	7498	7455	1	14192
7500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}a_1^-\gamma)$	7499	7456	1	14193
7501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+ D_1'^+)$	7500	7457	1	14194
7502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \rho^0 D^- D^{*0} n\bar{\Delta}^0\bar{\Delta}^+\Delta^{++})$	7501	7458	1	14195
7503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega K^0 K^- D^+\bar{D}^{*-})$	7502	7459	1	14196
7504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^{*+} D_1'^-)$	7503	7460	1	14197
7505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 D^{*0}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^- K^0 D^+ D^{*0} D_s^-)$	7504	7461	1	14198
7506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 K^0\bar{K}^0 K^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0 K^0\bar{K}^0 K^- D^+\bar{D}^{*-})$	7505	7462	1	14199
7507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\omega D^-, B^0 \to \rho^0\pi^+\rho^+\rho^-\eta D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta\omega D^- D^-)$	7506	7463	1	14200
7508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\bar{K}^0\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^0\bar{K}^0\bar{K}^0 K^{*+} D^+\bar{D}^{*-})$	7507	7464	1	14201
7509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	7508	7465	1	14202
7510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\omega D^{*+} D_1^-)$	7509	7466	1	14203
7511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \pi^-\omega\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega\omega D^+ D^-)$	1269	1268	1	14204
7512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	7511	7468	1	14205
7513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^- D^- D^{*+} D_{s0}^{*+})$	7512	7469	1	14206
7514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\eta\omega\bar{K}^* K^+ D^+ D^-)$	7513	7470	1	14207

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^0 \bar{D}^0, \bar{B}^0 \to \pi^0 \rho^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^- K^+ K^+ K^- D^{*+} D^0 \bar{D}^0)$	1270	1269	1	14208
7516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^- D^0)$	7515	7472	1	14209
7517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \rho^0\pi^- D^+ \Sigma^+ \bar{\Sigma}^-$ $(e^+e^- \to \rho^0\pi^- D^+ D^{*+} D_s^{*-} \Sigma^+ \bar{\Sigma}^-)$	7516	7473	1	14210
7518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-})$	7517	7474	1	14211
7519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^- K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^{*+} K^{*-} D^+ D^-)$	7518	7475	1	14212
7520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\bar{K}^* D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^-\eta\bar{K}^* D^- D_s^+ D_s^{*+})$	7519	7476	1	14213
7521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^+ \bar{D}^{*-} D_1^+)$	7520	7477	1	14214
7522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0 K^* K^- D^+$ $(e^+e^- \to \pi^0\pi^- K^* K^- D^+ p\bar{\Xi}_c^0)$	7521	7478	1	14215
7523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+ D^-$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0 D^+ D^- \bar{D}^{*-})$	1271	1270	1	14216
7524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+} \bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to K^* D^{*+} \bar{D}^{*-} D_2^{*+} D_s^-)$	7523	7480	1	14217
7525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- \bar{\Delta}^0 \Delta^+, B^0 \to \pi^0\omega K^+ D_s^-$ $(e^+e^- \to \pi^0\omega K^+ D^- D_s^- \bar{\Delta}^0 \Delta^+)$	7524	7481	1	14218
7526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0 K^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta K^0 D^+ D^- \bar{D}^{*-})$	7525	7482	1	14219
7527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\pi^- K^+ \bar{D}^{*0}, B^0 \to \pi^0\pi^+\rho^- K^+ D^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^- K^+ K^+ D^- D^0 \bar{D}^{*0})$	7526	7483	1	14220
7528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Sigma^0\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^- D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{n}p\Sigma^0\bar{\Xi}_c'^-)$	7527	7484	1	14221
7529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega D^{*+}\bar{D}^0)$	7528	7485	1	14222
7530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^- K^0 K^- D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta K^0 K^- D^+ \bar{D}^{*-})$	1272	1271	1	14223
7531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to D^- D^0\Delta^+\bar{\Delta}^+ D_{s0}^{*+})$	7530	7487	1	14224

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 n\bar{\Omega}_c^0, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^* D^+$ $(e^+e^- \to \rho^-\omega K^0\bar{K}^0\bar{K}^* D^+ n\bar{\Omega}_c^0)$	7531	7488	1	14225
7533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\eta D^- D^0)$	7532	7489	1	14226
7534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{K}^0 K^+ D^{*+} D_1'^-)$	7533	7490	1	14227
7535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega K^*, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega K^* D^{*+})$	7534	7491	1	14228
7536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 K^*\bar{K}^*\bar{K}^* K^{*+}, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^- K^0\bar{K}^0 K^*\bar{K}^*\bar{K}^* K^{*+} D^0\bar{D}^{*0})$	7535	7492	1	14229
7537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\gamma)$	7536	7493	1	14230
7538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^{*+}\bar{D}^0 D^{*0})$	7537	7494	1	14231
7539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \phi D^+ D_s^{*-}$ $(e^+e^- \to K^0\phi D^+ D^- D_s^{*-})$	7538	7495	1	14232
7540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega K^{*+} D_s^-, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \pi^+\rho^-\omega\bar{K}^0 K^{*+} D^0\bar{D}^0 D_s^-)$	7539	7496	1	14233
7541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}\Delta^+\bar{\Omega}_c^0, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta K^{*-} D^+\Delta^+\bar{\Omega}_c^0)$	7540	7497	1	14234
7542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \pi^+\rho^- K^0\bar{K}^0 D^- D_1'^+)$	271	271	1	14235
7543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega\omega K^+ D^+ D^- D^0)$	7542	7499	1	14236
7544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to K^0 K^{*-} D^+$ $(e^+e^- \to \omega K^0 K^{*-} D^+ n\bar{\Sigma}_c^0)$	7543	7500	1	14237
7545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \pi^+\rho^- K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0 K^- K^{*+} D^+ D^-\bar{D}^{*0})$	7544	7501	1	14238
7546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} a_1^-, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0 D^{*+}\bar{p}\Sigma_c^+ a_1^-)$	7545	7502	1	14239
7547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	7546	7503	1	14240
7548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^+ K^0 D^- D^{*+} D^0 D_s^{*-})$	7547	7504	1	14241

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^0D^+\bar{D}^{*-}\bar{D}^0)$	272	272	1	14242
7550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^-D^{*+})$	7549	7506	1	14243
7551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^+K^-D^+\bar{D}^{*-})$	7550	7507	1	14244
7552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	7551	7508	1	14245
7553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\eta D^-D^{*+})$	7552	7509	1	14246
7554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta' D^+D^+)$	7553	7510	1	14247
7555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0K^-D^{*+}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^0K^-D^{*+}\bar{D}^{*-}\bar{n}p)$	7554	7511	1	14248
7556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^0)$	7555	7512	1	14249
7557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+D^-, \bar{B}^0 \to \eta D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^-\eta K^+D^+D^-D^{*+}\Delta^+\bar{\Delta}^{++})$	7556	7513	1	14250
7558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	7557	7514	1	14251
7559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-D^{*+}D_1'^-)$	7558	7515	1	14252
7560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+D^+\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\bar{K}^0K^{*+}D^+D^-\Delta^0\bar{\Delta}^{++})$	7559	7516	1	14253
7561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\bar{K}^0\Delta^-\bar{n}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{K}^0\bar{D}^{*-}\Delta^-\bar{n})$	7560	7517	1	14254
7562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0\gamma$ $(e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0\gamma)$	7561	7518	1	14255
7563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}\Delta^-\bar{\Delta}^0)$	7562	7519	1	14256
7564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^*\bar{D}^{*0}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^-K^0\bar{K}^*D_2^{*+}\bar{D}^{*0})$	7563	7520	1	14257
7565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^0\bar{\Delta}^-\Delta^-)$	7564	7521	1	14258

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\bar{K}^0 D^{*+}D^{*+}\bar{D}^{*-})$	7565	7522	1	14259
7567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^*\bar{K}^*, \bar{B}^0 \to D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\rho^- K^*\bar{K}^* D^{*+}p\bar{\Delta}^{++})$	7566	7523	1	14260
7568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	7567	7524	1	14261
7569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^+ K^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+ K^- D^- D^-)$	7568	7525	1	14262
7570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{K}^0 K^{*+}\bar{D}^{*-}, B^0 \to \bar{K}^* K^+ D^-$ $(e^+e^- \to \bar{K}^0\bar{K}^* K^+ K^{*+} D^-\bar{D}^{*-})$	7569	7526	1	14263
7571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to K^* K^- D^+$ $(e^+e^- \to \pi^-\rho^+ K^* K^- D^+\bar{D}^0)$	7570	7527	1	14264
7572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\bar{D}^{*-} D_s^{*+})$	7571	7528	1	14265
7573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^0$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-} D^0)$	7572	7529	1	14266
7574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to D^{*0} n\bar{n}$ $(e^+e^- \to \pi^0\rho^+\omega D^- D^{*0} n\bar{n})$	7573	7530	1	14267
7575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^- D^+\bar{D}^{*0})$	1275	1274	1	14268
7576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\omega\bar{D}^{*-} D^0)$	7575	7532	1	14269
7577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ D^-\bar{\Delta}^0\Delta^+)$	7576	7533	1	14270
7578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-})$	7577	7534	1	14271
7579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^0 D^0\bar{D}^{*0}\bar{D}^{*0})$	1276	1275	1	14272
7580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} n\bar{\Sigma}_c^0)$	7579	7536	1	14273
7581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	7580	7537	1	14274
7582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^* K^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^* K^+ D^- D_1^+)$	7581	7538	1	14275

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*0})$	7582	7539	1	14276
7584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^* D^- D^{*+}, B^0 \to \rho^0\pi^+\pi^-\rho^+ D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^* D^- D^- D^{*+})$	1277	1276	1	14277
7585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to K^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^0 D^{*+}\bar{D}^{*-} D_1^-)$	7584	7541	1	14278
7586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\eta', \bar{B}^0 \to K^* K^*\bar{K}^* K^- D^+$ $(e^+e^- \to K^0\bar{K}^0 K^* K^*\bar{K}^* K^-\eta' D^+)$	7585	7542	1	14279
7587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{K}^0 K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-} D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{K}^* K^{*+}\bar{D}^{*-} D^0\bar{D}^{*0})$	7586	7543	1	14280
7588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\omega\bar{K}^* K^+ D^- D^{*+} n\bar{p})$	7587	7544	1	14281
7589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to D^+\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^{*0}\Sigma^-\bar{\Lambda})$	7588	7545	1	14282
7590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^0$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^- D^0\bar{D}^{*0})$	7589	7546	1	14283
7591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^0)$	273	273	1	14284
7592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\eta D^+ D^-)$	7591	7548	1	14285
7593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*-})$	7592	7549	1	14286
7594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \rho^0\pi^+\eta D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\eta D^- D^-)$	274	274	1	14287
7595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+ D^{*+}\bar{D}^{*-} D^0)$	1280	365	1	14288
7596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+}, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^- D^{*+} D^{*+}\bar{D}^{*-})$	7595	7552	1	14289
7597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^*, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^* D^+)$	7596	7553	1	14290
7598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^+ J/\psi)$	7597	7554	1	14291
7599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D_s^+ D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- K^+ D^+ D_s^+ D_s^-)$	7598	7555	1	14292

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D_0^{*+} D_1^-)$	7599	7556	1	14293
7601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to \pi^- D^+ p\bar{\Delta}^+$ $(e^+e^- \to \pi^- D^+ D^+ D_s^{*-} p\bar{\Delta}^+)$	7600	7557	1	14294
7602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^+ D_s^- D_1'^-)$	7601	7558	1	14295
7603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-} D_0^{*+})$	7602	7559	1	14296
7604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^- n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 K^* K^- K^{*+} D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0 K^* K^- K^{*+} D^- D^{*+} n\bar{n})$	7603	7560	1	14297
7605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^+ D^+ D^0\bar{D}^0)$	7604	7561	1	14298
7606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta\omega K^*$ $(e^+e^- \to \mu^+\nu_\mu\eta\omega K^*\bar{D}^{*-})$	7605	7562	1	14299
7607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\pi^-\bar{K}^* K^+ D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\bar{K}^* K^+ D^+ D^-)$	7606	7563	1	14300
7608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \bar{K}^* D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-} D^0\bar{D}^{*0} D_{s1}'^+)$	7607	7564	1	14301
7609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0 D^+ D^-)$	7608	7565	1	14302
7610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\rho^-\omega K^0 p\bar{p}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\rho^-\omega K^0 D^{*+} p\bar{p})$	7609	7566	1	14303
7611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^{*0})$	7610	7567	1	14304
7612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 J/\psi, \bar{B}^0 \to \rho^+ K^- D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0 K^- D^+\bar{D}^{*-} J/\psi)$	7611	7568	1	14305
7613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+}$ $(e^+e^- \to \pi^+ K^- K^{*+} K^{*-} D^{*+}\bar{D}^{*-})$	7612	7569	1	14306
7614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ J/\psi, \bar{B}^0 \to \omega\bar{p}\Sigma_c^+$ $(e^+e^- \to \rho^-\omega K^+ J/\psi\bar{p}\Sigma_c^+)$	7613	7570	1	14307
7615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^* K^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta K^* K^-\bar{D}^{*0} D_0^{*+})$	7614	7571	1	14308
7616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\rho^+\eta\omega\omega D^0$ $(e^+e^- \to \pi^-\rho^+\eta\omega\omega K^0 D^0\Delta^+\bar{\Lambda}_c^-)$	1281	1279	1	14309

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^- D^{*+}D_1^-)$	7616	7573	1	14310
7618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0 D^-\bar{\Delta}^+\Sigma_c^+)$	7617	7574	1	14311
7619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	7618	7575	1	14312
7620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^-D^{*+}D_s^+)$	1282	1280	1	14313
7621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^0K^+K^{*-}D^-D^{*+}\bar{n}p)$	7620	7577	1	14314
7622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\bar{K}^0K^+D^+\bar{D}^{*-}a_1^-)$	7621	7578	1	14315
7623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to K^0K^{*-}\eta' D^+$ $(e^+e^- \to K^0\bar{K}^*K^{*+}K^{*-}\eta' D^+D^-)$	7622	7579	1	14316
7624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^-\rho^+D^+D^-\Delta^+\bar{\Delta}^+)$	7623	7580	1	14317
7625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0D^-D^{*+})$	7624	7581	1	14318
7626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\omega\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^0)$	7625	7582	1	14319
7627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-K^+D^{*0}\bar{D}^{*0})$	7626	7583	1	14320
7628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \eta K^*D^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\eta K^*D^+D^-D_1'^-)$	7627	7584	1	14321
7629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+})$	7628	7585	1	14322
7630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0D^+\bar{D}^{*-}D_s^-)$	7629	5927	1	14323
7631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to e^+\nu_e\pi^-\rho^-D^+\bar{D}^{*0}\gamma)$	1283	1281	1	14324
7632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^+D^-)$	7631	7587	1	14325
7633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^-D^{*+}D^0\bar{D}^{*0})$	7632	7588	1	14326

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-)$	7633	7589	1	14327
7635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0\bar{K}^*D^-D^{*+})$	7634	7590	1	14328
7636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	7635	7591	1	14329
7637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^{*+}\bar{D}^{*-})$	7636	7592	1	14330
7638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\eta D^{*+}D^{*+}n\bar{p})$	7637	7593	1	14331
7639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^{*+}\bar{D}^0)$	63	63	1	14332
7640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^-\rho^-K^0\bar{K}^*K^+D^+D^{*+}\bar{D}^{*-})$	7639	7595	1	14333
7641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+})$	7640	7596	1	14334
7642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\rho^+\omega D^{*+}D_0^{*+})$	7641	7597	1	14335
7643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\omega K^0\bar{K}^*K^{*-}$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^*K^{*-}D^-D_s^+)$	7642	7598	1	14336
7644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}\bar{D}^0D_s^+)$	7643	7599	1	14337
7645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\eta\bar{K}^0\Delta^0\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\pi^+\eta\bar{K}^0D^-\Delta^0\bar{\Delta}^+)$	7644	7600	1	14338
7646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta'D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^{++})$	7645	7601	1	14339
7647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-K^0D^{*0}\bar{D}^{*0})$	7646	7602	1	14340
7648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+D_0^{*-})$	7647	7603	1	14341
7649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \eta\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\eta\bar{D}^{*-}\bar{D}^0D^{*0}\bar{n}p)$	7648	7604	1	14342
7650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-K^{*+}D^{*+}\bar{D}^{*-})$	7649	7605	1	14343

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0})$	7650	7606	1	14344
7652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^-\bar{n}p)$	7651	7607	1	14345
7653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-\rho^-\eta D^+\bar{\Delta}^+\Sigma_c^{*++})$	7652	7608	1	14346
7654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}a_1^+)$	7653	7609	1	14347
7655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega D^+\Delta^-\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}\Delta^-\bar{p})$	7654	7610	1	14348
7656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}D^-D^0, \bar{B}^0 \to \pi^-\eta D^+n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^{*+}D^+D^-D^0n\bar{n})$	7655	7611	1	14349
7657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta\bar{K}^0K^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega\omega\bar{K}^0K^*D^-D^0)$	7656	7612	1	14350
7658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-n\bar{\Sigma}^+, \bar{B}^0 \to \pi^0\rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0D^+D_s^-nn\bar{p}\bar{\Sigma}^+)$	7657	7613	1	14351
7659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_s^{*+})$	1285	1283	1	14352
7660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0D^-D^{*+}\bar{D}^0D_s^{*+})$	7659	7615	1	14353
7661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega K^0D^+\bar{D}^{*-})$	7660	7616	1	14354
7662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \eta D^{*0}p\bar{p}$ $(e^+e^- \to \eta D^{*0}D_s^{*+}p\bar{p}D_1^-)$	7661	7617	1	14355
7663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+\eta_c, B^0 \to \pi^0\pi^0\pi^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-K^+\bar{D}^0\eta_c)$	7662	7618	1	14356
7664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	1286	1284	1	14357
7665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+K^*K^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^*K^-D^-D^{*+})$	1287	1285	1	14358
7666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\phi K_1^{'+}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^-\rho^-\phi\bar{\Delta}^0\Lambda_c^+K_1^{'+})$	7665	7621	1	14359
7667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^*K^-D^{*+}D^{*0}\bar{D}^{*0})$	7666	7622	1	14360

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\rho^-\eta\omega D^+D^{*+})$	7667	7623	1	14361
7669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\omega\bar{K}^0K^*\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^0)$	7668	7624	1	14362
7670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma, \bar{B}^0 \to \pi^-\omega\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-\omega D^{*+}D_s^{*-}\bar{n}\Lambda_c^+\gamma)$	7669	7625	1	14363
7671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	7670	7626	1	14364
7672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0D^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*+}n\bar{\Delta}^+)$	7671	7627	1	14365
7673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{D}^{*0}, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \omega\omega D^+\bar{D}^{*0}\Sigma^-\bar{\Sigma}^0)$	1288	1286	1	14366
7674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^-\bar{K}^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\bar{K}^0D^+D^{*+})$	7673	7629	1	14367
7675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+})$	7674	7630	1	14368
7676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\bar{K}^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega\bar{K}^*D^{*+}\bar{D}^{*-})$	7675	7631	1	14369
7677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}D_s^{*+}D_1^-)$	7676	7632	1	14370
7678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^+D^-D_0^{*-})$	7677	7633	1	14371
7679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}D_2^{*+}D_s^-)$	7678	7634	1	14372
7680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-\bar{D}^{*-}\eta_c)$	7679	7635	1	14373
7681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega K^0\bar{K}^0K^*K^+K^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^-\omega K^0\bar{K}^0\bar{K}^0K^*K^+K^-D^+\bar{D}^0)$	7680	7636	1	14374
7682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^+\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^0D^+D^-\bar{p}\Delta^{++})$	7681	7637	1	14375
7683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\omega K^-D^{*+}D^{*0}\bar{D}^{*0})$	7682	7638	1	14376
7684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D_2^{*+}D_s^-)$	7683	7639	1	14377

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	7684	5163	1	14378
7686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c2}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0D^-\chi_{c2})$	7685	7640	1	14379
7687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+})$	7686	7641	1	14380
7688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^0\rho^-\eta\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta\eta D^+D^-)$	7687	7642	1	14381
7689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta D^-D^{*+}\bar{n}p)$	276	276	1	14382
7690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+K^0D^-D_2^{*+}D_s^-)$	7689	7644	1	14383
7691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to D_s^{*+}\bar{n}\Sigma^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega K^0\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma^{*-})$	7690	7645	1	14384
7692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0})$	7691	7646	1	14385
7693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^+D^-n\bar{n})$	7692	7647	1	14386
7694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1290	1288	1	14387
7695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D^0D_s^{*-})$	7694	7649	1	14388
7696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-n\bar{n}, \bar{B}^0 \to D^{*+}\bar{\Delta}^+\Sigma^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}n\bar{n}\bar{\Delta}^+\Sigma^{*0})$	7695	7650	1	14389
7697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^0\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^*K^+\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^-)$	1291	1289	1	14390
7698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^0\bar{D}^0, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^0K^*K^-D^+\bar{D}^0)$	7697	7652	1	14391
7699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	7698	7653	1	14392
7700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^0\bar{K}^*D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta K^0\bar{K}^*D^+D^-)$	1292	1290	1	14393
7701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega K^*K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0K^*K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	7700	7655	1	14394

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta\eta\omega\omega K^+K^-D^+D^{*+})$	7701	7656	1	14395
7703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	7702	7657	1	14396
7704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0\chi_{c0}, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0D^{*0}\chi_{c0})$	7703	7658	1	14397
7705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\omega D^+D_2^{*+})$	7704	7659	1	14398
7706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*-}D^{*0}a_1^+)$	7705	7660	1	14399
7707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+K^-D^-\bar{n}p, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-K^+K^-D^-\bar{D}^{*-}\bar{n}p)$	7706	7661	1	14400
7708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega D^-D^0D_s^+)$	7707	7662	1	14401
7709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D_0^{*+})$	7708	7663	1	14402
7710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^0n\bar{n})$	7709	7664	1	14403
7711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\chi_{c1}\gamma)$	1293	1291	1	14404
7712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+\eta_c, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^0K^+K^-D^+\eta_c)$	7711	7665	1	14405
7713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-D^-n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-D^-D^{*+}n\bar{p})$	7712	7666	1	14406
7714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^*K^-D^{*+}\bar{D}^{*-})$	7713	7667	1	14407
7715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0K^0K^0\bar{K}^0$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^0\bar{K}^0\bar{D}^{*-})$	7714	7668	1	14408
7716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*0})$	7715	7669	1	14409
7717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \eta D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta D^+\Sigma^-\bar{\Sigma}^0D_0^{*-})$	7716	7670	1	14410
7718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to K^*K^{*-}D^+\bar{D}^{*-}D_s^{*+})$	7717	7671	1	14411

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\rho^+\rho^- D^+ D^{*+})$	7718	7672	1	14412
7720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^0 K^* K^{*-} D^+\bar{D}^{*-})$	7719	7673	1	14413
7721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \omega\bar{K}^0 D^0$ $(e^+e^- \to \omega\bar{K}^0 K^+\bar{D}^{*-}D^0 D^{*0})$	1294	1292	1	14414
7722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^- D^+ D^-\bar{p}\Delta^{++})$	7721	7675	1	14415
7723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^+ D^+ D_s^{*-})$	1295	1293	1	14416
7724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^- D^- D^-)$	7723	7677	1	14417
7725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \eta\bar{K}^0 D^+ D^-$ $(e^+e^- \to \eta\bar{K}^0 D^+ D^- D_2^{*-} D_s^+)$	7724	7678	1	14418
7726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^+ K^- K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* K^+ K^- K^{*+} K^{*-} D^+ D^+\bar{D}^{*-})$	7725	7679	1	14419
7727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega D^{*+}\bar{D}^{*-}p\bar{p})$	7726	7680	1	14420
7728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^-\rho^+ D^- D_s^{*+}\bar{p}\Lambda_c^+)$	7727	7681	1	14421
7729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^* K^- D^- D^{*+})$	7728	7682	1	14422
7730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*\eta'\bar{D}^{*-}\psi')$	7729	7683	1	14423
7731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+} D_1^- a_1^-)$	7730	7684	1	14424
7732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\rho^0\rho^+ D^-)$	7731	7685	1	14425
7733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+ K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+ K^+ K^- D^+\bar{D}^{*-} a_1^-)$	7732	7686	1	14426
7734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}, \bar{B}^0 \to \rho^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^- K^- K^{*+} D^+ D^{*+})$	7733	7687	1	14427
7735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^+\rho^-\eta'\bar{D}^{*-} D^{*0})$	7734	7688	1	14428

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^- D^{*+})$	7735	7689	1	14429
7737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^+K^-D^+D^-D_s^+D_1^-)$	7736	7690	1	14430
7738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+K^-\chi_{c0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^-D^-\chi_{c0})$	7737	7691	1	14431
7739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\bar{n}p)$	7738	7692	1	14432
7740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^{*-})$	1296	1294	1	14433
7741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}D_{s1}'^+)$	7740	7694	1	14434
7742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^-D^{*+}D^{*0}\bar{D}^{*0})$	7741	7695	1	14435
7743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c(2S), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}\eta_c(2S))$	7742	7696	1	14436
7744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^-K^{*+}D^-D^{*+})$	7743	7697	1	14437
7745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0p\bar{p}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\bar{K}^0K^*D^+p\bar{p})$	7744	7698	1	14438
7746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+\eta_c, \bar{B}^0 \to \eta\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\bar{K}^0K^+D^-D^{*+}\eta_c)$	7745	7699	1	14439
7747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-})$	64	64	1	14440
7748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	7747	7701	1	14441
7749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0D^-, \bar{B}^0 \to \bar{K}^0K^+K^-\bar{\Delta}^{++}\Sigma_c^{*++}$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^0K^+K^-D^-\bar{\Delta}^{++}\Sigma_c^{*++})$	7748	7702	1	14442
7750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-K^*D^+D^-D^{*+}D_s^-)$	7749	7703	1	14443
7751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^+\Delta^0\bar{\Sigma}_c^-)$	7750	7704	1	14444
7752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \rho^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+K^-K^{*+}D^+D_1'^-)$	7751	7705	1	14445

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D_1^-, B^0 \to \rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\bar{D}^{*-}D_1^-)$	7752	7706	1	14446
7754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+D^-D^{*+})$	7753	7707	1	14447
7755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Xi}_c'^-, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to K^+\Lambda\bar{\Xi}_c'^-\bar{K}_1^0\psi')$	7754	7708	1	14448
7756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D^0\Lambda\bar{\Sigma}^{*0})$	7755	7709	1	14449
7757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	1298	1296	1	14450
7758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to \pi^+\eta K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^0K^*D^-J/\psi)$	7757	7711	1	14451
7759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	7758	7712	1	14452
7760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{K}^*\bar{D}^{*-}p\bar{\Lambda}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}p\bar{\Lambda})$	7759	7713	1	14453
7761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^{*+}D_s^{*-})$	7760	7714	1	14454
7762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^*D^+D^{*+}\bar{D}^{*-}D_s^{*-})$	7761	7715	1	14455
7763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^+\rho^-\omega K^{*+}D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-\omega K^{*+}D_s^-D_1'^-)$	7762	7716	1	14456
7764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta K^-\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	7763	7717	1	14457
7765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega D^-D^{*+}D_s^{*+})$	7764	7718	1	14458
7766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{D}^0D^{*0}D_s^{*+})$	7765	7719	1	14459
7767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \omega\bar{K}^*K^+D^-D_2^{*+}D_s^{*-})$	7766	7720	1	14460
7768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^0K^0\bar{K}^0K^-\phi D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0K^0\bar{K}^0K^-\phi D^+D^{*+})$	7767	7721	1	14461
7769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^-D^{*+}D^{*0})$	1299	1297	1	14462

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^-\bar{n}p, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta D^- D^{*+}\bar{n}p)$	7769	7723	1	14463
7771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^- D_1^+)$	7770	7724	1	14464
7772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\bar{K}^0 K^+ D^{*+} D_2^{*-} D_s^+)$	7771	7725	1	14465
7773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^- D_s^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\eta K^- K^- K^{*+}\bar{D}^{*-} D_s^+ D_s^{*-})$	7772	7726	1	14466
7774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^-\Delta^0\bar{p}\bar{\Sigma}^+\Lambda_c^+)$	7773	7727	1	14467
7775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	7774	7728	1	14468
7776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\bar{K}^* K^{*+} D^{*+}\bar{D}^{*-})$	7775	7729	1	14469
7777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-\Lambda\bar{\Sigma}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^+ D^- D^{*+}\Lambda\bar{\Sigma}^0 D_{s1}'^-)$	7776	7730	1	14470
7778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{K}^* D^-, \bar{B}^0 \to \pi^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+ K^0\bar{K}^0\bar{K}^* D^+ D^-\bar{D}^0)$	7777	7731	1	14471
7779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 D^{*+}\bar{D}^{*-} D_s^{*+})$	7778	7732	1	14472
7780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\omega K^* D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega K^* D^{*+}\bar{D}^{*0})$	7779	7733	1	14473
7781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D_2^{*-} D^0)$	7780	7734	1	14474
7782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{D}^{*-} D^0, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+ K^0 D^+\bar{D}^{*-} D^0 D_s^-)$	7781	7735	1	14475
7783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \omega D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \omega D^{*+} D^{*+} D_s^{*-}\Sigma^0\bar{\Sigma}^-)$	7782	7736	1	14476
7784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^0 D^-\bar{\Delta}^+\Lambda_c^+)$	7783	7737	1	14477
7785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^- D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- K^- D^{*+} D^{*0})$	7784	7738	1	14478
7786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0 D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0 D^+ D_0^{*-})$	7785	7739	1	14479

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^0D^-D^{*+}D^{*+}D_s^-)$	7786	7740	1	14480
7788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^+D_0^{*-})$	7787	7741	1	14481
7789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*K^+K^+K^-K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^*K^+K^+K^-K^-\bar{D}^0D^{*0})$	1300	1298	1	14482
7790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^-\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-\eta D^-\bar{D}^{*-})$	7789	7743	1	14483
7791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0D^+D^-)$	7790	7744	1	14484
7792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-K^+D^-D_0^{*+})$	1301	1299	1	14485
7793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+K^0D^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^0D^-\bar{D}^{*-}D^{*0})$	7792	7746	1	14486
7794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\omega\bar{K}^0\bar{K}^0\bar{D}^0D_s^+)$	7793	7747	1	14487
7795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	278	278	1	14488
7796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\omega D^+\bar{D}^{*-})$	7795	7749	1	14489
7797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+\rho^-\bar{K}^*K^+D^+\bar{D}^{*-}D_s^-)$	7796	7193	1	14490
7798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\Sigma^{*-}\bar{\Xi}_c^-, \bar{B}^0 \to \pi^0\rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^+n\bar{n}\Sigma^{*-}\bar{\Xi}_c^-)$	7797	7750	1	14491
7799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e\rho^+\bar{K}^0D^-\bar{D}^{*-}D^0)$	7798	7751	1	14492
7800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^+, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^-\eta D^+D^+n\bar{p})$	7799	7752	1	14493
7801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	7800	7753	1	14494
7802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-D^-D^{*+}p\bar{p})$	65	65	1	14495
7803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^-K^0D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+)$	7802	7755	1	14496

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\rho^-D_2^{*-}\bar{D}^{*0})$	19	19	1	14497
7805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}D_s^{*-})$	7804	7757	1	14498
7806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}\psi')$	7805	7758	1	14499
7807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+\gamma$ $(e^+e^- \to \pi^+\omega\omega\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^+\gamma)$	7806	7759	1	14500
7808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^-\bar{D}^{*-}\bar{D}^0D_s^+)$	7807	7760	1	14501
7809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+D_1'^-)$	7808	7761	1	14502
7810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^0\pi^+\rho^+K^0K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0K^{*-}D^-D_2^{*-}D_s^+)$	7809	7762	1	14503
7811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^*K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*0}n\bar{p})$	7810	7763	1	14504
7812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	7811	7764	1	14505
7813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to K^0K^-D^-D^{*+}\bar{\Delta}^0\Sigma_c^+)$	7812	7765	1	14506
7814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^0D^+D^{*+}\bar{D}^0)$	7813	7766	1	14507
7815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^+D^-D_1^-)$	7814	7767	1	14508
7816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\omega\bar{K}^0K^*\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^0)$	7815	7768	1	14509
7817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \bar{K}^*D^{*+}\eta_ca_1^-)$	7816	7769	1	14510
7818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-})$	7817	7770	1	14511
7819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+D^-D^{*+})$	7818	7771	1	14512
7820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \omega D^+\Delta^0\bar{p}$ $(e^+e^- \to e^+\nu_e\omega D^+D^-\Delta^0\bar{p})$	7819	7772	1	14513

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega D^{*+}\bar{D}^0 D_s^{*+})$	1305	1303	1	14514
7822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega D^+D^-)$	7821	7774	1	14515
7823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-K^-K^{*+}D^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+K^-K^{*+}D^-\bar{D}^{*-})$	7822	7775	1	14516
7824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \pi^-\rho^+\rho^+D^-D^{*+}D_{s1}'^-\gamma)$	7823	7776	1	14517
7825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	7824	7777	1	14518
7826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	281	281	1	14519
7827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+K^+D^+D^-D^{*0})$	7826	7779	1	14520
7828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^+D^-D_s^{*+}D_s^{*-})$	7827	7780	1	14521
7829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	7828	7781	1	14522
7830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0K^*\bar{D}^{*-}D_2^{*+})$	7829	7782	1	14523
7831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	7830	7783	1	14524
7832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	7831	7784	1	14525
7833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^0\bar{\Delta}^-\Sigma_c^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^{*+}\bar{\Delta}^-\Sigma_c^{*+})$	7832	7785	1	14526
7834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+D^+\bar{D}^{*-})$	7833	1770	1	14527
7835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\bar{D}^0D_1'^-)$	7834	7786	1	14528
7836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	7835	7787	1	14529
7837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+K^0\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+K^0\bar{K}^0D^+D^-)$	7836	7788	1	14530

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}p\bar{\Delta}^{++})$	7837	7789	1	14531
7839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\bar{K}^0D_s^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0\bar{K}^0\bar{K}^0D^-D_s^+n\bar{p})$	7838	7790	1	14532
7840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^-D^+D^{*+}\bar{D}^{*0})$	7839	7791	1	14533
7841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to K^+\bar{D}^{*-}D^{*0}D_s^-D_1^+)$	7840	7792	1	14534
7842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	7841	7793	1	14535
7843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, B^0 \to \pi^+\rho^+K^0K^-D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^-\bar{D}^0D_s^{*+})$	7842	7794	1	14536
7844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\rho^+\omega K^+K^-D^+\bar{D}^{*-})$	7843	7795	1	14537
7845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to K^-D^+\Sigma^0\bar{\Xi}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^+\Sigma^0\bar{\Xi}^0D_1^+)$	7844	7796	1	14538
7846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\eta\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega\bar{D}^{*-}D^0a_1^+)$	7845	7797	1	14539
7847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to K^0D^+\bar{D}^{*-}D_2^{*+}D_s^-)$	7846	7798	1	14540
7848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^+D^-D_s^{*+})$	7847	7799	1	14541
7849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^-\omega\bar{K}^0\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^-\omega\bar{K}^0\bar{K}^0D_2^{*-}D_s^+D_s^{*+})$	7848	7800	1	14542
7850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}D^{*0})$	7849	7801	1	14543
7851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta\omega K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega\omega\omega K^-D^+\bar{D}^{*-})$	7850	7802	1	14544
7852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	7851	7803	1	14545
7853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	1307	1305	1	14546
7854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\rho^-K^+D^-D^{*+}D_s^{*-})$	7853	7805	1	14547

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^- p\bar{\Xi}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^- D^{*+} p\bar{\Xi}_c^0)$	7854	7806	1	14548
7856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^0\omega K^* K^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\omega K^* K^- D^+ D_1^-)$	7855	7807	1	14549
7857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^* f_0(980), \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \eta K^* D^{*+} D_s^{*-} f_0(980))$	7856	7808	1	14550
7858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^- D_s^+, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-} D_s^+)$	7857	7809	1	14551
7859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+\rho^- K^0 K^{*-} D^+$ $(e^+e^- \to \pi^+\rho^- K^0 K^{*-} D^+ \bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	7858	7810	1	14552
7860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-} n\bar{n})$	7859	7811	1	14553
7861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^*\eta_c, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\omega K^*\bar{D}^{*-}\eta_c)$	7860	7812	1	14554
7862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\eta D^{*+}\bar{D}^{*0})$	1308	1306	1	14555
7863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta K^+ D^-\bar{D}^{*-} D^{*0})$	7862	7814	1	14556
7864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^- D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^- D^+\bar{D}^{*-}\bar{D}^0)$	7863	7815	1	14557
7865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ K^+ D^{*0} D_s^{*-}, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- K^+ K^+ D^0 D^{*0} D_s^{*-} D_s^{*-})$	7864	7816	1	14558
7866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0 K^* D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^+)$	1309	1307	1	14559
7867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \rho^0\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta\omega\omega D^+ D^{*+})$	7866	7818	1	14560
7868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^*\bar{K}^* K^{*+}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^-\rho^- K^*\bar{K}^* K^{*+} D^{*+})$	7867	7819	1	14561
7869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+}\bar{n}p)$	7868	7820	1	14562
7870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^- D^+ D_2^{*-})$	7869	7821	1	14563
7871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^0 D^+ D^- D^0)$	7870	7822	1	14564

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-\eta D^- D^{*+})$	1310	1308	1	14565
7873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^+, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^- D^+ D^+ a_1^-)$	7872	7823	1	14566
7874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+ D^0 D_1^+)$	7873	7824	1	14567
7875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^* D^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\eta\bar{K}^* D^- D^- D^{*0})$	7874	7825	1	14568
7876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^{*-} D^+\bar{D}^{*-}\bar{D}^0)$	7875	7826	1	14569
7877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to D^+ p\bar{\Delta}^{++}$ $(e^+e^- \to D^+\bar{D}^{*-} D_s^{*+} p\bar{\Delta}^{++})$	7876	7827	1	14570
7878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \omega K^0 K^- D^{*+}$ $(e^+e^- \to \rho^0\omega K^0 K^- D^{*+} n\bar{\Sigma}_c^0)$	7877	7828	1	14571
7879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^- K^+ D^-, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to \rho^0\pi^+\pi^- K^+ D^- D_s^{*-} D_1^+)$	7878	7829	1	14572
7880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 K^* D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ K^0 K^* D^{*+} D_s^-)$	7879	7830	1	14573
7881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^+ K^* K^{*-} D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0 K^* K^{*-} D^{*0} J/\psi)$	1311	1309	1	14574
7882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to \pi^+ K^- D^0\bar{D}^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ K^- D^0\bar{D}^0 D_1'^+)$	7881	7831	1	14575
7883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^0 K^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega K^+ K^- D^- D^0)$	7882	7832	1	14576
7884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to D^+ D_2^{*-} D_s^{*+} n\bar{p})$	7883	7833	1	14577
7885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*0} n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-} D^{*0} n\bar{n})$	7884	7834	1	14578
7886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 D^- D_s^{*+}, B^0 \to \pi^+ K^0\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+ K^0\bar{K}^* D^-\bar{D}^{*-} D_s^{*+})$	7885	7835	1	14579
7887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, B^0 \to \pi^+\pi^+ K^* K^{*-}\eta' D^-$ $(e^+e^- \to \pi^+\pi^+\pi^- K^* K^{*-}\eta' D^-\bar{D}^0 D_s^{*+})$	1312	1310	1	14580
7888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega D^-\bar{D}^{*-})$	1313	1311	1	14581

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\omega K^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega K^+D^{*+}\bar{D}^0)$	282	282	1	14582
7890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*K^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\bar{K}^*K^{*-}D^{*+}D_s^+)$	7889	7839	1	14583
7891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^+D^-)$	7890	7840	1	14584
7892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-\gamma$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^+D^-\bar{D}^{*-}\gamma)$	1315	1313	1	14585
7893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\eta\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	7892	7842	1	14586
7894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \rho^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-\eta K^0\bar{K}^*D^+D_2^{*+})$	1316	1314	1	14587
7895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\omega D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to \pi^0\pi^+\eta\eta\omega D^{*+}\bar{D}^{*-}\Delta^-\bar{n}p\bar{p})$	7894	7844	1	14588
7896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta D^+D^-D_s^{*-})$	7895	7845	1	14589
7897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\rho^0\pi^+\omega D^-D^{*+})$	7896	7846	1	14590
7898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^*K^+D_s^-, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^*K^+D^0D_s^-\bar{\Delta}^+\Sigma^+)$	7897	7847	1	14591
7899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0K^*D^+\bar{D}^{*-}\bar{D}^{*-})$	7898	7848	1	14592
7900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_1^-, B^0 \to D^-a_1^+$ $(e^+e^- \to \rho^+D^-D_1^-a_1^+)$	7899	7849	1	14593
7901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta D^+D^-)$	7900	6984	1	14594
7902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-}D_s^-)$	7901	7850	1	14595
7903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+D^0n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0n\bar{p})$	7902	7851	1	14596
7904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D_s^{*-}D_1'^+)$	7903	7852	1	14597
7905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\rho^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}p\bar{p})$	7904	7853	1	14598

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^{*+}\bar{D}^{*-})$	1317	1315	1	14599
7907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0 D^+ D^- \bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	7906	7855	1	14600
7908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^- D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^- K^- D^+\bar{D}^{*-}\bar{D}^{*-})$	7907	7856	1	14601
7909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+\gamma, \bar{B}^0 \to \pi^+ K^{*-}\eta_c$ $(e^+e^- \to \pi^+ K^{*-} D^- \eta_c a_1^+\gamma)$	7908	7857	1	14602
7910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+ K^- D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0 K^- D^{*+}\bar{D}^{*-} D^0\bar{D}^0)$	7909	7858	1	14603
7911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^-, \bar{B}^0 \to \rho^0\pi^+ K^- J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^- K^0\bar{K}^0 K^- D^- J/\psi)$	7910	7859	1	14604
7912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^0 K^- D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	7911	7860	1	14605
7913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	7912	1681	1	14606
7914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^-\pi^- D^{*+}\bar{\Delta}^0\Lambda_c^+)$	7913	7861	1	14607
7915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\bar{K}^0 D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\eta\bar{K}^0 D^- D_s^{*+})$	1318	1316	1	14608
7916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- D^{*+}\bar{D}^{*-} D_s^{*+})$	7915	7863	1	14609
7917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\omega D^{*+}\bar{D}^{*0})$	7916	5145	1	14610
7918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^* D^+ D^{*+}\bar{D}^{*-})$	7917	7864	1	14611
7919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta' D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta' D^- D^{*+})$	7918	7865	1	14612
7920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^{*+}\Sigma^{*0}, \bar{B}^0 \to \pi^0\eta\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\eta\bar{K}^0 D^+ D^- D^-\bar{\Sigma}^{*+}\Sigma^{*0})$	1319	1317	1	14613
7921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^- D^- D^{*+})$	7920	7867	1	14614
7922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^{*+} D^+ D^- D_0^{*+})$	7921	7868	1	14615

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to K_L\psi'$ $(e^+e^- \to K_LK^0\bar{D}^0D^{*0}\psi')$	7922	7869	1	14616
7924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\rho^-K^{*-}D^+\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-n)$	7923	7870	1	14617
7925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \rho^0D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}D_s^{*-}D_1^+)$	7924	7871	1	14618
7926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^+K^-D^+D^-)$	7925	7872	1	14619
7927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+D^-)$	7926	7873	1	14620
7928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\omega D^{*+}D^{*+})$	7927	7874	1	14621
7929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\rho^-K^+K^-\eta'D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^-\eta'D^+D_2^{*-})$	7928	7875	1	14622
7930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\Delta^0\bar{\Xi}_c^{*0}, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta'\bar{D}^{*-}\Delta^0\bar{\Xi}_c^{*0})$	7929	7876	1	14623
7931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0K^0\bar{K}^0K^+K^{*-}D^+D^-)$	1320	1318	1	14624
7932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-K^{*+}D^+\bar{D}^{*-})$	7931	7878	1	14625
7933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^-\bar{D}^{*0})$	7932	7879	1	14626
7934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^-K^{*+}K^{*-}D^+D^-a_1^+)$	7933	7880	1	14627
7935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^*\bar{D}^{*0}, \bar{B}^0 \to \omega\omega D^0$ $(e^+e^- \to \pi^0\rho^0\omega\omega K^*D^0\bar{D}^{*0})$	283	283	1	14628
7936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta D^+\bar{D}^{*-})$	7935	7882	1	14629
7937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-K^+D^+D^+\bar{D}^{*-}D_s^-)$	7936	7883	1	14630
7938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta\eta K^*K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\eta K^*K^{*-}D^+D^{*+})$	1322	1320	1	14631
7939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-})$	7938	7885	1	14632

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-D^-\Lambda\bar{\Xi}^+, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta K^-D^+D^-\Lambda\bar{\Xi}^+)$	284	284	1	14633
7941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta\bar{K}^0\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\omega\bar{K}^0D^+\eta_c)$	7940	7887	1	14634
7942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}D_1^+)$	7941	7888	1	14635
7943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{X}_{sd}\gamma, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-D^{*+}n\bar{p}\bar{X}_{sd}\gamma)$	7942	7889	1	14636
7944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\omega D^+D_1^-)$	7943	7890	1	14637
7945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^*K^{*-}\bar{D}^{*-}D^0\bar{D}^{*0})$	7944	7891	1	14638
7946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\rho^0\bar{K}_0^{*0}$ $(e^+e^- \to \pi^0\rho^0J/\psi\bar{K}_0^{*0}K_1^0)$	7945	7892	1	14639
7947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0K^{*-}D^{*+}\bar{D}^{*0})$	1324	1322	1	14640
7948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}\bar{n}p)$	7947	7893	1	14641
7949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}p\bar{p})$	7948	7894	1	14642
7950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^0D^-D^0\bar{D}^{*0})$	7949	7895	1	14643
7951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+D^-\bar{D}^{*-})$	7950	7896	1	14644
7952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0D^-D_s^{*+}\bar{\Delta}^+\Lambda_c^+)$	7951	7897	1	14645
7953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^+K^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	7952	7898	1	14646
7954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+\gamma, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^-D^{*+}a_1^+\gamma)$	7953	7899	1	14647
7955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}, \bar{B}^0 \to \bar{K}^0\bar{K}^0D^-D_s^+$ $(e^+e^- \to \pi^0\rho^-\eta\bar{K}^0\bar{K}^0D^-D^{*+}D_s^+)$	7954	7900	1	14648
7956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-D^+D^-D_s^-)$	7955	7901	1	14649

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	7956	7902	1	14650
7958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\phi D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+K^0\phi D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	7957	7903	1	14651
7959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	7958	7904	1	14652
7960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}\bar{D}^0)$	7959	7905	1	14653
7961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^{*-}D^+\bar{D}^{*-})$	7960	7906	1	14654
7962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_1^0D_1^+\psi')$	7961	7907	1	14655
7963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D_s^+D_1'^-)$	7962	7908	1	14656
7964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^0D^{*+}D^{*+}\bar{D}^{*-})$	7963	7909	1	14657
7965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-\bar{\Delta}^0p\bar{\Delta}^{++}\Sigma_c^+)$	7964	7910	1	14658
7966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_1^-D_1'^+)$	7965	7911	1	14659
7967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}n\bar{n})$	7966	7912	1	14660
7968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \rho^0K^0J/\psi\bar{\Delta}^0\Sigma_c^{*0})$	7967	7913	1	14661
7969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^0\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^{*-}D^+D^0\bar{D}^{*0}\bar{D}^{*0})$	7968	7914	1	14662
7970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \pi^+\bar{K}^0D^0D_s^-\bar{\Lambda}\Sigma_c^0)$	7969	7915	1	14663
7971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	7970	7916	1	14664
7972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0K^0K^*K^-D^+D^{*+}\bar{D}^{*-})$	7971	6551	1	14665
7973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-\omega K^0K^{*-}D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\omega K^0K^{*-}D^{*0}D_1'^+)$	7972	7917	1	14666

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^- D^{*+}a_1^-)$	7973	7918	1	14667
7975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^+K^-D^-p\bar{\Lambda}$ $(e^+e^- \to \tau^+\nu_\tau\rho^+K^-D^-\bar{D}^{*-}p\bar{\Lambda})$	7974	7919	1	14668
7976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \rho^+\eta K^0K^-D^-D^{*+})$	7975	7920	1	14669
7977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^+\bar{D}^{*-}D_0^{*-})$	7976	7921	1	14670
7978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\chi_{c1}, B^0 \to \pi^0K^+D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^-K^+K^+D^-D^{*0}\chi_{c1})$	7977	7922	1	14671
7979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\eta K^-D^+D^-\bar{D}^{*0})$	7978	7923	1	14672
7980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-D^-D^{*+})$	7979	7924	1	14673
7981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	7980	7925	1	14674
7982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	7981	7926	1	14675
7983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	7982	7927	1	14676
7984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^0\bar{K}^0K^{*-}D^+$ $(e^+e^- \to \eta K^0K^0K^0\bar{K}^0K^{*-}D^+D^+\bar{D}^{*-})$	7983	7928	1	14677
7985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\eta_c, \bar{B}^0 \to \pi^-\omega\bar{K}^0\bar{K}^*K^+n\bar{n}$ $(e^+e^- \to \pi^-\omega\bar{K}^0K^*\bar{K}^*K^+\eta_c n\bar{n})$	7984	7929	1	14678
7986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to \bar{K}^0n\bar{\Xi}_c^{\prime 0}$ $(e^+e^- \to \bar{K}^0D^-n\bar{\Xi}_c^{\prime 0}D_{s0}^{*+})$	7985	7930	1	14679
7987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \bar{K}^0K^*J/\psi$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0K^*\bar{D}^0J/\psi)$	1325	1323	1	14680
7988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^+\eta\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\bar{K}^0D^+\bar{D}^{*-}D^0)$	7987	7932	1	14681
7989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^-J/\psi)$	7988	7933	1	14682
7990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+D^-)$	7989	7934	1	14683

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
7991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+\bar{D}^{*-}D'^+_{s1})$	7990	7935	1	14684
7992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^{*-})$	7991	7936	1	14685
7993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\omega\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega\omega\omega D^+D^-)$	7992	7937	1	14686
7994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0K^{*-}D^+\Delta^+\bar{\Xi}_c^{*0})$	285	285	1	14687
7995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\eta\eta K^0K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta K^0K^-D^0\Delta^+\bar{\Sigma}_c^{*0})$	7994	7939	1	14688
7996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega K^0D^+D^{*+}\bar{D}^{*-})$	1327	1325	1	14689
7997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{n}p\Sigma^0\bar{\Sigma}^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}\bar{n}p\Sigma^0\bar{\Sigma}^-)$	7996	7941	1	14690
7998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*D^-D_2^{*+}D_s^-)$	7997	7942	1	14691
7999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-D^{*+}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^0a_1^+)$	7998	7943	1	14692
8000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^*K^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+\bar{K}^*K^+D_1^-)$	7999	7944	1	14693
8001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0K^-D^+D^{*+})$	8000	7945	1	14694
8002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^{*-})$	8001	7946	1	14695
8003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*0}\bar{p}\Lambda_c^+)$	8002	7947	1	14696
8004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^0\pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^0\bar{K}^0K^+D^+\bar{D}^{*-}D^0)$	8003	7948	1	14697
8005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma_c^{++})$	8004	7949	1	14698
8006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0p\bar{\Xi}_c^-, B^0 \to \pi^+\rho^-\eta\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\bar{K}^0K^+\bar{D}^{*-}p\bar{\Xi}_c^-)$	8005	7950	1	14699
8007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\eta K^0K^{*-}D^+D^-)$	8006	7951	1	14700

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to e^+\nu_e D^{*+}a_1^- D_1'^-\gamma)$	8007	7952	1	14701
8009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^+D^+\Delta^-\Delta^0\bar{\Delta}^0\bar{\Sigma}_c^{*-})$	8008	7953	1	14702
8010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+D^-\bar{n}p)$	8009	7954	1	14703
8011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta'D^{*+}\bar{D}^{*-})$	286	286	1	14704
8012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^+D^-D_s^{*+})$	1329	1327	1	14705
8013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+K^0K^+K^-D^{*+}D^0\bar{D}^0)$	8012	7957	1	14706
8014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^-D^+D^-)$	8013	7958	1	14707
8015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^{*+}K^{*-}D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta K^{*+}K^{*-}D^-D_2^{*+}D_s^{*-})$	8014	7959	1	14708
8016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^0K^{*-}D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0K^{*-}D^+\bar{D}^{*0}\gamma)$	287	287	1	14709
8017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\bar{K}^0K^*D^-D^{*+})$	8016	7961	1	14710
8018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\eta_c(2S)$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\omega K^-\bar{D}^{*-}\eta_c(2S))$	8017	7962	1	14711
8019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+D^{*+}\bar{D}^{*0})$	8018	7963	1	14712
8020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega K^*D_s^-, \bar{B}^0 \to \pi^+\omega K^+K^-K^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega\omega K^*K^+K^-K^-D^{*0}D_s^-)$	8019	7964	1	14713
8021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^+D^+\Sigma^0\bar{\Xi}_c^{*-}a_1^-)$	8020	7965	1	14714
8022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0\bar{D}^0, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{D}^0D^{*0})$	8021	7966	1	14715
8023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-}\psi')$	8022	7967	1	14716
8024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \eta D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\eta D^+D^-D_s^{*-})$	8023	7968	1	14717

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\eta D^-\bar{D}^{*-})$	8024	7969	1	14718
8026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \omega K^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	1331	1329	1	14719
8027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0K^0K^-D^+D^{*+})$	8026	7971	1	14720
8028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	8027	2915	1	14721
8029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-\omega\omega K^+K^-D^-D^{*+})$	8028	7972	1	14722
8030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^{*+}D_s^-)$	8029	7973	1	14723
8031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^0)$	8030	7974	1	14724
8032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}D^0\Delta^0\bar{\Delta}^0)$	8031	7975	1	14725
8033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	8032	7976	1	14726
8034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^-D^{*+}D_s^+)$	8033	7977	1	14727
8035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	8034	7978	1	14728
8036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^0D_s^{*-})$	8035	7979	1	14729
8037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_eX_u^-\bar{K}^*\bar{\Delta}^0\Sigma_c^{*0})$	8036	7980	1	14730
8038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*K^+D^+n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^*K^+D^+\bar{D}^{*-}n\bar{p})$	8037	7981	1	14731
8039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+D^+D^-D^0D_s^-)$	8038	7982	1	14732
8040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D^0)$	8039	7983	1	14733
8041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\eta'D^-, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta'D^-\bar{D}^{*0})$	8040	7984	1	14734

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\rho^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^0 K^- D^+ \bar{D}^0 D_s^+)$	8041	7985	1	14735
8043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0 D^+ D^+ \bar{D}^{*-} D_s^-)$	8042	7986	1	14736
8044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{K}^0 K^* \bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\omega\omega\bar{K}^0 K^* D^+ \bar{D}^{*-} D_s^{*-})$	8043	7987	1	14737
8045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^- D^+ \bar{D}^{*-})$	8044	7988	1	14738
8046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-\gamma, B^0 \to K^* D^+ D^-$ $(e^+e^- \to \rho^+ K^* D^+ D^- D^-\gamma)$	8045	7989	1	14739
8047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+ n\bar{\Xi}_c^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+ D^- n\bar{\Xi}_c^-)$	8046	7990	1	14740
8048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^- K^+ D^-, \bar{B}^0 \to K^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \rho^0\rho^+\rho^- K^0 K^+ D^- \bar{n}\Xi_c'^0)$	8047	7991	1	14741
8049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+ D^- D^0, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \omega K^+ K^{*-} D^- D^{*+} D^0 \bar{D}^{*0})$	8048	7992	1	14742
8050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \eta D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\eta\omega\omega D^+ \bar{D}^{*-} D_s^{*-})$	67	67	1	14743
8051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega K^0 D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^* K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega\omega K^0 K^0\bar{K}^* K^{*-} D^-)$	8050	7994	1	14744
8052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^*\phi D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\bar{K}^*\phi D^- D^{*+})$	8051	7995	1	14745
8053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+} D^0)$	8052	7996	1	14746
8054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 D^{*+} n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^* D^+ D^{*+} n\bar{p})$	8053	7997	1	14747
8055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to D_s^- D_1'^+$ $(e^+e^- \to \bar{D}^{*-} D_s^+ D_s^- D_1'^+)$	8054	7998	1	14748
8056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\rho^- D^{*+}\bar{D}^{*-})$	8055	7999	1	14749
8057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega\omega\omega\bar{K}^0 D^{*+}\bar{D}^{*-})$	8056	8000	1	14750
8058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^0 D^+\bar{D}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^- K^0 D^+ D^{*+}\bar{D}^0\Delta^-\bar{\Delta}^0)$	8057	8001	1	14751

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^{*+}K^{*-}K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	8058	8002	1	14752
8060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{K}^0K^*\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	289	289	1	14753
8061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-D^-D^{*+})$	8060	8004	1	14754
8062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c0}, \bar{B}^0 \to \pi^+\rho^+K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^0K^{*-}D^-\chi_{c0})$	8061	8005	1	14755
8063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \rho^0\rho^+\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	8062	8006	1	14756
8064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}a_1^-)$	8063	8007	1	14757
8065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, B^0 \to \pi^0\rho^0\pi^-K^0\bar{K}^0K^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-K^0\bar{K}^0K^+D_2^{*-})$	8064	8008	1	14758
8066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-D^{*+})$	8065	8009	1	14759
8067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\bar{K}^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\bar{K}^0\bar{D}^{*-}D^0)$	8066	8010	1	14760
8068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}D_{s1}'^+)$	8067	8011	1	14761
8069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^+K^-D^+\bar{D}^0p\bar{\Sigma}_c^{*--})$	8068	8012	1	14762
8070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\bar{K}^0\bar{D}^{*0}D_s^+D_s^+)$	8069	8013	1	14763
8071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0\bar{D}^{*-}n\bar{p})$	8070	8014	1	14764
8072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^{*0}a_1^+)$	8071	8015	1	14765
8073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^0, \bar{B}^0 \to K^0\bar{K}^0K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\eta K^0\bar{K}^0K^*K^-D^{*+}\bar{D}^0)$	8072	8016	1	14766
8074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	8073	8017	1	14767
8075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to D^{*0}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\omega D^-D^{*0}\bar{\Delta}^-\Delta^-)$	8074	8018	1	14768

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^*D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*\bar{D}^0D_s^{*+})$	8075	8019	1	14769
8077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^+D_1'^+)$	8076	8020	1	14770
8078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+D^{*+}n\bar{p})$	8077	8021	1	14771
8079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{D}^0)$	8078	8022	1	14772
8080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^-D^+D^{*+}\bar{D}^0D_s^{*-})$	8079	8023	1	14773
8081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	1334	1332	1	14774
8082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to e^+e^-\bar{X}_{sd}$ $(e^+e^- \to e^+e^-\bar{K}^0K^+D^-\bar{X}_{sd})$	8081	8025	1	14775
8083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\phi D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^+K^-K^-\phi D^+D^-\bar{D}^{*0})$	8082	8026	1	14776
8084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^-p\bar{p}D_1'^+)$	8083	8027	1	14777
8085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-D^-D_1'^+)$	8084	8028	1	14778
8086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^+K^*\bar{D}^{*-}J/\psi)$	8085	8029	1	14779
8087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^{*+}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega K^{*+}D^{*+}\Sigma^+\bar{\Sigma}^-)$	8086	8030	1	14780
8088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_eK^-D^+D^{*+}\bar{D}^{*0})$	8087	7586	1	14781
8089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^+K^-D^-, \bar{B}^0 \to \pi^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K^+K^-K^-D^-D_s^{*+})$	8088	8031	1	14782
8090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^{*-}J/\psi, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^+\omega K^{*-}J/\psi\bar{\Delta}^+\Sigma_c^+)$	8089	8032	1	14783
8091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^0)$	8090	8033	1	14784
8092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\rho^+\omega\omega\omega D^-$ $(e^+e^- \to \pi^0\rho^+\omega\omega\omega D^-\bar{D}^{*-}D_s^{*+})$	8091	8034	1	14785

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+} n\bar{\Sigma}_c^0)$	8092	8035	1	14786
8094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\rho^+K^-K^{*+}\bar{D}^{*-}D_s^{*-}D_1^+)$	8093	8036	1	14787
8095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	8094	8037	1	14788
8096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta K^0D^+\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\eta K^0\bar{K}^*D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	8095	8038	1	14789
8097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-D^0\Lambda\bar{\Sigma}^{*0})$	8096	8039	1	14790
8098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*K^*K^-D^+D^-)$	8097	8040	1	14791
8099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-)$	8098	8041	1	14792
8100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0\bar{D}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^0\bar{D}^0)$	8099	8042	1	14793
8101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0, \bar{B}^0 \to \rho^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\rho^+K^{*-}\eta_c\bar{\Delta}^0\Sigma_c^0)$	8100	8043	1	14794
8102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^{*+}D^-D^{*+}D^0)$	8101	8044	1	14795
8103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*\Delta^0\bar{\Xi}_c^{*0}D_1'^+)$	8102	8045	1	14796
8104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+D^-, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*K^+D^-\bar{D}^{*-})$	8103	8046	1	14797
8105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	8104	8047	1	14798
8106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^+D^-D_s^-)$	8105	8048	1	14799
8107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_eD^{*0}\Delta^+\bar{\Delta}^+D_0^{*-})$	8106	8049	1	14800
8108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-)$	8107	8050	1	14801
8109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^0, \bar{B}^0 \to \rho^+\omega\bar{K}^0K^+K^-D^-$ $(e^+e^- \to \rho^+\eta\omega\bar{K}^0K^+K^-D^-D^0)$	8108	8051	1	14802

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-\bar{K}^*K^+D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^0\bar{K}^*K^+D^+D^0\bar{D}^{*0})$	8109	8052	1	14803
8111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^+D^+D_s^-)$	8110	8053	1	14804
8112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\bar{D}^0\bar{\Xi}^+\Xi^-, B^0 \to \pi^0\pi^+\eta\eta\omega\eta' D^-$ $(e^+e^- \to \pi^0\pi^+\eta\eta\omega K^0\eta' D^-\bar{D}^0\bar{\Xi}^+\Xi^-)$	8111	8054	1	14805
8113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*+}D_s^{*-}, \bar{B}^0 \to \omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \omega\omega K^0K^{*-}D^{*+}D^{*+}D_s^{*-})$	8112	8055	1	14806
8114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^-\omega K^+K^+K^-D^+D^-D^0)$	8113	8056	1	14807
8115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^+a_1^-$ $(e^+e^- \to \rho^+D_s^{*+}a_1^-D_1'^-)$	8114	8057	1	14808
8116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega D^-D_2^{*+})$	8115	8058	1	14809
8117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-D^{*0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^+D^-D^{*+}D^{*0})$	8116	8059	1	14810
8118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^+D^-\bar{D}^{*-})$	8117	8060	1	14811
8119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}D^{*0}D_s^{*-})$	8118	8061	1	14812
8120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^*D^+D^-D^{*+})$	1335	1333	1	14813
8121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}p\bar{p})$	8120	8063	1	14814
8122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^{*0}$ $(e^+e^- \to D^+D_2^{*-}D_s^+\Sigma^-\bar{\Sigma}^{*0})$	8121	8064	1	14815
8123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^*D^+\bar{D}^{*-}D^0\bar{D}^0)$	8122	8065	1	14816
8124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^{*+}D^{*0}, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^+K^-K^{*+}D^+D^{*0})$	8123	8066	1	14817
8125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}\bar{D}^{*0})$	1336	1334	1	14818
8126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0K^0K^*K^{*-}D^+D^+D^-)$	8125	8068	1	14819

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-D^+X_{sd}\gamma)$	8126	8069	1	14820
8128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D_0^{*+})$	8127	8070	1	14821
8129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega K^0K^-D^-D^{*+})$	8128	8071	1	14822
8130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0D^+\bar{D}^{*-})$	1337	1335	1	14823
8131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^-D^0D_s^{*+})$	8130	8073	1	14824
8132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-D^+\bar{D}^{*-}n\bar{n})$	8131	8074	1	14825
8133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-D_2^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D_2^{*+}\bar{D}^{*0})$	8132	8075	1	14826
8134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \eta'\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\eta'D^-\bar{\Delta}^0\Sigma_c^0)$	8133	8076	1	14827
8135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_1^+a_1^+)$	8134	8077	1	14828
8136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0\bar{K}^0\bar{K}^0K^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0\bar{K}^0K^+D^{*+})$	8135	8078	1	14829
8137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^0D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0D^-D^{*+}D_{s1}'^-)$	8136	8079	1	14830
8138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \pi^0\pi^0\pi^0\pi^+K^+K^{*-}D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+K^+K^{*-}D^-D_1'^-)$	1338	1336	1	14831
8139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-D^+D^-)$	8138	8081	1	14832
8140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_s^+)$	8139	8082	1	14833
8141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	8140	8083	1	14834
8142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^-\omega\omega D^{*+}D^{*+})$	8141	8084	1	14835
8143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+)$	8142	8085	1	14836

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	1339	1337	1	14837
8145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \rho^0\pi^+\rho^+\rho^- D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^+\rho^- D^- D^-)$	8144	8087	1	14838
8146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+ D^+ D^0 D_s^-)$	8145	8088	1	14839
8147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\bar{D}^{*-}D^{*0})$	8146	8089	1	14840
8148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\omega D^0 D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega D_2^{*-} D^0 D_s^-)$	1340	1338	1	14841
8149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^+\Delta^0\bar{\Sigma}_c^-)$	8148	8091	1	14842
8150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^0\pi^+\eta\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\omega D^- D_1^-)$	1341	1339	1	14843
8151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^+\pi^- D^-)$	8150	8093	1	14844
8152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+ D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0 D^+ D^-\bar{D}^{*-})$	8151	8094	1	14845
8153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \eta' D^+ D_s^-$ $(e^+e^- \to \pi^+\omega\omega\eta' D^+ D^- D_s^-)$	1342	1340	1	14846
8154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-} D^0 D_s^- p\bar{p})$	8153	8096	1	14847
8155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0 K^{*-} D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+ K^{*-} D^- D_s^{*+})$	8154	8097	1	14848
8156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^- K^{*+} D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta K^- K^{*+} D^+ D^-)$	8155	8098	1	14849
8157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\phi D^{*0} D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\phi\bar{D}^{*-} D^{*0} D_s^-)$	8156	8099	1	14850
8158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^*\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^* D^{*+}\bar{D}^{*0})$	8157	8100	1	14851
8159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^- D^+\bar{D}^{*-}a_1^+)$	8158	8101	1	14852
8160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to D^{*+} D_s^-\gamma$ $(e^+e^- \to \omega\bar{K}^0 K^+ D^- D^{*+} D_s^-\gamma)$	8159	8102	1	14853

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^+\pi^-D^-D_s^{*+}D_s^{*-}D_1'^+)$	8160	8103	1	14854
8162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}p\bar{\Sigma}_c^{*--})$	8161	8104	1	14855
8163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+\bar{D}^{*-}\bar{n}pa_1^-)$	8162	8105	1	14856
8164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+K^0\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta K^0K^{*-}D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta K^0K^0K^{*-}D^+\bar{D}^0)$	8163	8106	1	14857
8165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^0\bar{K}^*\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	8164	8107	1	14858
8166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^+\omega K^+D^-\bar{D}^{*-}D^{*0})$	8165	1546	1	14859
8167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-K^+K^-D^+\bar{D}^{*0})$	8166	8108	1	14860
8168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^-\eta\omega\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta\omega\omega D^{*+}D^{*+})$	8167	8109	1	14861
8169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}J/\psi D_0^{*+})$	8168	8110	1	14862
8170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+D_s^-\Delta^+\bar{\Sigma}_c^{*0})$	1343	1341	1	14863
8171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\bar{K}^0D_2^{*-}D^0\bar{D}^0)$	8170	8112	1	14864
8172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\eta D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*0}\Sigma^0\bar{\Sigma}^-)$	290	290	1	14865
8173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+D^-D^{*+}D^0)$	8172	8114	1	14866
8174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0K^-D^{*+}D^0D_s^{*-})$	8173	8115	1	14867
8175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^0\bar{D}^0D_1^+)$	1345	1343	1	14868
8176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0, \bar{B}^0 \to \bar{K}^0\phi\eta_c$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0\phi\bar{D}^0\eta_c)$	8175	8117	1	14869
8177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\eta D^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^{*+}D^0)$	8176	8118	1	14870

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^- D^{*+}, \bar{B}^0 \to \pi^+\pi^- K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0 K^0 K^{*-} D^- D^{*+} D^{*+})$	8177	8119	1	14871
8179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\eta\omega D^+\bar{D}^{*-}\bar{n}p)$	8178	8120	1	14872
8180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-\eta D^+ D^{*+})$	8179	8121	1	14873
8181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^- D^{*+})$	8180	8122	1	14874
8182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\bar{D}^{*-} D_2^{*+})$	8181	8123	1	14875
8183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D_s^+ D_s^-, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta K^* D^{*+} D_s^+ D_s^-)$	1346	1344	1	14876
8184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0 D^-, \bar{B}^0 \to K^{*-} D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^{*-} D^+ D^-\bar{D}^0)$	8183	8125	1	14877
8185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta D^- D^{*+})$	8184	8126	1	14878
8186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^- K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	8185	8127	1	14879
8187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^{*-}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\eta K^{*-}\bar{D}^{*-}\bar{D}^{*0})$	8186	8128	1	14880
8188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\rho^+\rho^-\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\omega\omega D^-\bar{D}^{*-})$	8187	8129	1	14881
8189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+\bar{D}^0)$	1347	1345	1	14882
8190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\eta D^+\bar{D}^{*0})$	8189	8131	1	14883
8191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+ D^-\bar{D}^{*-})$	8190	8132	1	14884
8192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\eta_c(2S)$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0\bar{D}^{*-}\eta_c(2S))$	8191	8133	1	14885
8193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-} D_1^-)$	1348	1346	1	14886
8194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \phi D^+ D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\phi D^+ D^{*+} D_s^-)$	1349	1347	1	14887

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^- D^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\omega K^+ D^- D^{*+} D^{*+})$	1350	1348	1	14888
8196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta K^+ D^+ \bar{D}^{*-} D^{*0})$	8195	8137	1	14889
8197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega K^- K^{*+} D^+ D^-)$	8196	8138	1	14890
8198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^+ \bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^- K^+ D^{*+} \bar{D}^0)$	8197	8139	1	14891
8199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \rho^+\eta D^+ D^- D_s^{*-})$	8198	8140	1	14892
8200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^+ \bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\eta K^{*-} D^+ \bar{D}^{*-} \bar{D}^0)$	1351	1349	1	14893
8201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0 D^{*+} \bar{D}^{*-}\bar{n}\Delta^+)$	8200	8141	1	14894
8202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^+\rho^-\rho^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^+\rho^-\rho^- D^- D^{*+})$	1352	1350	1	14895
8203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^+ K^- D^+ D^-$ $(e^+e^- \to \pi^+\pi^- K^- D^+ D^- \bar{D}^0 D_s^{*+})$	1353	1351	1	14896
8204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 \bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- K^0 D^{*+} \bar{D}^{*-} D^0)$	8203	8143	1	14897
8205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, B^0 \to \rho^0\rho^+\eta\omega D^-$ $(e^+e^- \to \rho^0\pi^+\rho^+\eta\eta\omega\omega D^- \bar{D}^{*-})$	8204	8144	1	14898
8206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^-\rho^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-\rho^+\bar{D}^{*-})$	8205	8145	1	14899
8207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta\omega K^0\bar{K}^* D^+ \bar{D}^{*-})$	8206	8146	1	14900
8208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^+\rho^-\rho^- D^+ \bar{D}^0\bar{n}\Delta^0)$	8207	8147	1	14901
8209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-, \bar{B}^0 \to \pi^-\eta\omega\bar{K}^* K^+$ $(e^+e^- \to \pi^-\eta\omega\bar{K}^* K^+ D^{*+} D_{s1}'^-)$	8208	8148	1	14902
8210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^- K^0 K^{*-} D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^- K^0 K^{*-} D^+ D^-)$	8209	8149	1	14903
8211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* f_0(980), B^0 \to \bar{D}^{*-} D_s^+$ $(e^+e^- \to K^*\bar{D}^{*-} D_s^+ f_0(980))$	8210	8150	1	14904

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu \eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^- \eta D^{*+}\bar{D}^0 D_s^+)$	8211	8151	1	14905
8213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{\Xi}^0\Xi_c^+, \bar{B}^0 \to \rho^0\pi^-\omega\bar{K}^* D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\omega\bar{K}^* D^+\bar{\Xi}^0\Xi_c^+)$	8212	8152	1	14906
8214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \omega D^{*+} n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \omega D^+ D^{*+} n\bar{p})$	291	291	1	14907
8215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\rho^+\rho^- D^+ D^-)$	8214	8154	1	14908
8216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0} D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^{*0} D_s^{*+})$	8215	8155	1	14909
8217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\pi^0 D^-, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^+ D^-\bar{D}^{*-})$	8216	8156	1	14910
8218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \eta\omega\bar{K}^0 K^{*+} D^- D^{*+})$	8217	8157	1	14911
8219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to K^0 K^{*-} D^+$ $(e^+e^- \to K^0 K^{*-} D^+ D_2^{*-} D_s^+)$	8218	8158	1	14912
8220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 K^- D^{*+}\bar{D}^{*-})$	8219	8159	1	14913
8221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^0\bar{D}^{*0}, B^0 \to \pi^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^+\omega K^* D^- D^0\bar{D}^{*0})$	1355	1353	1	14914
8222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^- D^+ D^{*+}\bar{D}^{*0})$	8221	3222	1	14915
8223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \rho^+\eta D^+ D^-)$	8222	8161	1	14916
8224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\chi_{c0}, \bar{B}^0 \to \pi^0\pi^-\rho^- D^{*+}\bar{\Delta}^0 p$ $(e^+e^- \to \pi^0\pi^-\rho^- K_S D^{*+}\bar{\Delta}^0 p\chi_{c0})$	8223	8162	1	14917
8225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+\eta K^- D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta K^- D^{*0} D^{*0}\bar{D}^{*0})$	8224	8163	1	14918
8226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	8225	8164	1	14919
8227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^0\rho^-\eta D^+ D^{*+})$	68	68	1	14920
8228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to K^* K^- D^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	8227	8166	1	14921

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\rho^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\bar{\Delta}^-\Delta^-n)$	8228	8167	1	14922
8230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	8229	8168	1	14923
8231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-\omega D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*0})$	1357	1355	1	14924
8232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^+D^-D_0^{*+})$	8231	8170	1	14925
8233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta K^*D^{*+}D_s^{*+}D_s^{*-})$	8232	8171	1	14926
8234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+n\bar{\Lambda}$ $(e^+e^- \to K^*K^{*-}D^+D^{*+}\bar{D}^{*-}n\bar{\Lambda})$	8233	8172	1	14927
8235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	8234	8173	1	14928
8236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^*K^{*+}D_s^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-K^*K^{*+}D^+D_s^-)$	8235	8174	1	14929
8237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	8236	8175	1	14930
8238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}D_{s0}^{*+})$	8237	8176	1	14931
8239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^{*-}D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	1358	1356	1	14932
8240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}\bar{D}^{*0})$	8239	8178	1	14933
8241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+K^-D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^+K^-D^-\bar{D}^{*-}D^0)$	1359	1357	1	14934
8242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^*D^+D^0)$	8241	8180	1	14935
8243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta D^-D^{*+})$	1360	1358	1	14936
8244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta K^0\bar{K}^0D^+D^-)$	8243	8182	1	14937
8245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Sigma^0\bar{\Omega}_c^0, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to \rho^-\bar{K}^0D_2^{*+}\Sigma^0\bar{\Omega}_c^0\gamma)$	8244	8183	1	14938

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^{*+}D^0)$	293	293	1	14939
8247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\eta'\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-})$	8246	8185	1	14940
8248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^*D^-D^-)$	8247	8186	1	14941
8249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega D^-D^{*+}D_s^{*+})$	8248	8187	1	14942
8250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-})$	8249	8188	1	14943
8251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to D^{*0}\bar{n}\Delta^0$ $(e^+e^- \to \rho^0\rho^+\omega D^-D^{*0}\bar{n}\Delta^0)$	8250	8189	1	14944
8252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega K^-\bar{D}^{*0}\psi')$	8251	8190	1	14945
8253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D^-)$	8252	8191	1	14946
8254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\eta K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\eta K^+K^-D^-\bar{D}^{*-})$	8253	8192	1	14947
8255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega K^+K^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\omega K^+K^-D^-D^{*+}D_s^{*-})$	8254	8193	1	14948
8256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}a_1^+)$	8255	8194	1	14949
8257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta'D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\eta'\bar{D}^{*-}D^0)$	8256	8195	1	14950
8258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to K^0\bar{D}^{*-}D_s^{*+}\Lambda_c^+\bar{\Lambda}_c^-)$	8257	8196	1	14951
8259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^-)$	8258	8197	1	14952
8260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^0D^{*+}\bar{D}^0)$	8259	8198	1	14953
8261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\omega K^0K^-D^+D^-)$	1362	1360	1	14954
8262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+K^-D^+\bar{D}^0\bar{D}^0)$	8261	8200	1	14955

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^+D^-D_s^-)$	294	294	1	14956
8264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0\bar{K}^0\bar{K}^*K^{*+}K^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^0\bar{K}^0\bar{K}^*K^{*+}K^{*-}\bar{D}^{*-})$	8263	8202	1	14957
8265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0K^*K^{*-}D^-D^{*+})$	8264	8203	1	14958
8266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}\bar{K}_1^0\psi(3770))$	8265	8204	1	14959
8267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^0D^{*+}\bar{D}^{*-}D_2^{*-})$	8266	8205	1	14960
8268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+D^0D_s^-, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \rho^-K^0K^+D^{*+}D^0D_s^-\gamma)$	8267	8206	1	14961
8269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	8268	8207	1	14962
8270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^0\bar{D}^{*-}D^0D_1'^+)$	8269	8208	1	14963
8271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{K}^0D^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	8270	8209	1	14964
8272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*+}\Sigma^+\bar{\Sigma}^-)$	8271	8210	1	14965
8273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^{*-}D^+D^-)$	8272	8211	1	14966
8274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-})$	8273	8212	1	14967
8275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^*D^+D^-D^{*+})$	1364	1362	1	14968
8276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^+\rho^-\eta D^+D^-)$	8275	8214	1	14969
8277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-D^-D^0D_s^-)$	8276	8215	1	14970
8278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+\eta_c)$	8277	8216	1	14971
8279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^-D^{*+}D_2^{*+}D_s^-)$	8278	8217	1	14972

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to D^-\bar{\Delta}^0\Delta^+$ $(e^+e^- \to K^0D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	8279	8218	1	14973
8281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-K^-D^+\bar{D}^{*0})$	8280	8219	1	14974
8282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{K}^*D^-D^{*+})$	8281	8220	1	14975
8283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\omega D^-, B^0 \to \pi^0\rho^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^+\omega K^-K^{*+}D^-\bar{D}^{*-})$	8282	8221	1	14976
8284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^{*+}\bar{D}^{*-}D^0D^{*0})$	1365	1363	1	14977
8285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	8284	8223	1	14978
8286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega K^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^0D^{*+})$	8285	8224	1	14979
8287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	8286	8225	1	14980
8288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+D^-)$	8287	8226	1	14981
8289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to K^0\bar{n}\Omega_c^0$ $(e^+e^- \to K^0D^-\bar{\Delta}^-\bar{n}\Delta^0\Omega_c^0)$	8288	8227	1	14982
8290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0\bar{K}^*K^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}D^+\bar{n}p)$	8289	8228	1	14983
8291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^0D^+\bar{n}p$ $(e^+e^- \to \pi^-\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}\bar{n}p)$	8290	8229	1	14984
8292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^+K^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	8291	8230	1	14985
8293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^0n\bar{n})$	8292	8231	1	14986
8294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*K^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^*K^+K^-D^-D^{*+}\bar{D}^{*0})$	8293	8232	1	14987
8295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0K^-D^+D^-)$	8294	8233	1	14988
8296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+)$	8295	8234	1	14989

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta\omega D^+D^-\bar{\Delta}^-\Delta^0)$	8296	8235	1	14990
8298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	8297	4192	1	14991
8299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	8298	8236	1	14992
8300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^-)$	8299	8237	1	14993
8301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\bar{D}^{*0}D_1^+)$	8300	8238	1	14994
8302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	8301	8239	1	14995
8303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0\Sigma^0\bar{\Xi}^0, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\bar{D}^0\bar{n}\Sigma^0\bar{\Xi}^0\Sigma_c^{*0})$	8302	8240	1	14996
8304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^*\bar{\Sigma}^{*0}\Omega_c^0$ $(e^+e^- \to K^*K^{*+}\bar{D}^{*-}D^{*0}\bar{\Sigma}^{*0}\Omega_c^0)$	8303	8241	1	14997
8305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^{*+}D^-D^{*+}D^0\gamma)$	8304	8242	1	14998
8306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega D^0D^{*0})$	8305	8243	1	14999
8307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	8306	8244	1	15000
8308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*-})$	8307	8245	1	15001
8309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^+D^-\bar{p}\Delta^{++})$	8308	8246	1	15002
8310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^-\eta\eta K^+, \bar{B}^0 \to K_S\chi_{c1}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\eta K_SK^+\chi_{c1})$	8309	8247	1	15003
8311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_1'^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D_1'^+)$	8310	8248	1	15004
8312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\bar{K}^0\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	8311	8249	1	15005
8313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0)$	8312	8250	1	15006

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{n}p)$	8313	8251	1	15007
8315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\omega K^- D^+\bar{D}^{*-}\bar{D}^0)$	8314	8252	1	15008
8316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+K^-K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{K}^*K^+K^-K^{*+}D^-D^{*+})$	8315	8253	1	15009
8317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}D^0a_1^+)$	8316	8254	1	15010
8318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e X_u^-\pi^+\pi^-D^+D_s^{*-})$	8317	8255	1	15011
8319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{D}^{*0})$	8318	8256	1	15012
8320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-K^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^0D^+\bar{D}^0)$	8319	8257	1	15013
8321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^{*+}D^{*+}\bar{D}^{*0})$	8320	8258	1	15014
8322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^-K^{*-}D^+\bar{D}^0p\bar{\Sigma}_c^{*0})$	8321	8259	1	15015
8323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^-\bar{\Lambda}\Xi_c^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_s^+\bar{\Lambda}\Xi_c^+)$	8322	8260	1	15016
8324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-D^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-K^0D^+D^-D^0\bar{D}^0)$	8323	8261	1	15017
8325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0K^{*-}D^+D^{*+})$	8324	8262	1	15018
8326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+D^-)$	1366	1364	1	15019
8327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	8326	8264	1	15020
8328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \rho^+D^+D^-\Delta^0\bar{\Delta}^+\gamma)$	8327	8265	1	15021
8329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^+D^-D^{*+})$	8328	8266	1	15022
8330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^+K^*\bar{K}^*D^+D^-D^-D^{*0})$	8329	8267	1	15023

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^+\rho^-K^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^-\bar{D}^{*0})$	8330	8268	1	15024
8332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^+K^-\bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^*K^+K^-D^-\bar{D}^{*-}D_s^+)$	1367	1365	1	15025
8333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^{*0}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+K^*D^+D^-D^{*0}D_{s1}'^-)$	8332	8270	1	15026
8334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^{*+}\bar{D}^{*0})$	8333	8271	1	15027
8335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\bar{D}^0)$	8334	8272	1	15028
8336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^{*0}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0D^+D^{*0}D_s^-)$	8335	8273	1	15029
8337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}D_s^{*+})$	1368	1366	1	15030
8338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+K^*K^-D^-, \bar{B}^0 \to \pi^-\rho^+K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+K^*K^-K^-D^-D^{*+}\bar{D}^0)$	8337	8275	1	15031
8339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\omega D^+n\bar{\Sigma}_c^0)$	8338	8276	1	15032
8340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0\bar{K}^*K^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^*K^+D^+D^-D_s^{*-})$	8339	8277	1	15033
8341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n)$	1369	1367	1	15034
8342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Xi}_c^-, \bar{B}^0 \to \rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\rho^+K^0K^{*-}D^{*+}n\bar{\Xi}_c^-)$	8341	8279	1	15035
8343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+D^0D_s^-n\bar{\Sigma}_c^-)$	8342	8280	1	15036
8344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^+D^-D_{s0}^{*-})$	8343	8281	1	15037
8345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\eta' J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0K^*\eta' J/\psi)$	8344	8282	1	15038
8346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	8345	8283	1	15039
8347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	8346	8284	1	15040

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to \pi^-\rho^+D^+D_2^{*-}D_s^+n\bar{p})$	8347	8285	1	15041
8349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^{*+}D^-D^{*+})$	1370	1368	1	15042
8350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\omega K^0K^-D^-, \bar{B}^0 \to \pi^0\rho^0\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega K^0K^-D^-D^{*0})$	1371	1369	1	15043
8351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0K^+D^-D_2^{*+}D^{*0}D_s^{*-})$	8350	8288	1	15044
8352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+D^{*+}\bar{D}^{*-})$	8351	8289	1	15045
8353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^{*+}K^{*-}D^+D^-D^0\bar{D}^0)$	8352	8290	1	15046
8354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \omega K^+\bar{D}^{*-}D^{*0}\Delta^0\bar{\Sigma}_c^0)$	8353	8291	1	15047
8355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^+D^+D^{*+}\bar{D}^{*-})$	8354	8292	1	15048
8356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\eta\bar{D}^{*-}\bar{\Delta}^-p, \bar{B}^0 \to \rho^0\omega\omega$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\omega\omega\bar{D}^{*-}\bar{\Delta}^-p)$	1372	1370	1	15049
8357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+D^-D_s^{*+})$	8356	8294	1	15050
8358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}n\bar{p})$	1373	1371	1	15051
8359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^-\bar{K}^0\bar{D}^{*0}\Sigma^+\bar{\Xi}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^-\bar{D}^{*0}\Sigma^+\bar{\Xi}^0)$	8358	8296	1	15052
8360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-\bar{D}^{*-}\bar{n}p)$	8359	8297	1	15053
8361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^+K^0K^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^+D^{*0}D_s^{*-})$	8360	8298	1	15054
8362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-K^*K^-D^+$ $(e^+e^- \to \pi^+\rho^-K^*K^-D^+D_2^{*-}D_s^{*+})$	8361	8299	1	15055
8363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Sigma^{*0}\bar{\Xi}_c^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^{*+}\Sigma^{*0}\bar{\Xi}_c^-)$	8362	8300	1	15056
8364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	8363	8301	1	15057

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^{*+}\gamma, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\rho^- K^{*+}D^{*+}\gamma)$	8364	8302	1	15058
8366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}D^{*0})$	8365	8303	1	15059
8367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^-K^{*+}D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0)$	8366	8304	1	15060
8368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^- D^{*+})$	8367	8305	1	15061
8369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega D^+D^-)$	1374	1372	1	15062
8370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^- K^0K^0\bar{K}^0 D^- D^{*+}D^{*+})$	8369	8307	1	15063
8371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\bar{K}^* K^+K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^* K^+K^- D^{*+})$	20	20	1	15064
8372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0K^{*-}D^+\bar{D}^{*-})$	8371	8309	1	15065
8373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^{*-}D^-D^{*+}\bar{p}\Delta^{++})$	8372	8310	1	15066
8374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \rho^0\rho^+\omega D^-D^{*+}\Sigma^-\bar{\Sigma}^0)$	8373	8311	1	15067
8375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-n\bar{n}, \bar{B}^0 \to \pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0K^+K^-D^+D^-n\bar{n})$	8374	8312	1	15068
8376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \eta\bar{D}^{*-}\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \eta D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+D_{s1}'^+)$	8375	8313	1	15069
8377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^-D^{*+}D_s^{*+})$	8376	8314	1	15070
8378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\omega\bar{K}^0D^-D_s^{*+})$	8377	8315	1	15071
8379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-D^+D^+)$	8378	8316	1	15072
8380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\bar{K}^0K^+K^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\bar{K}^0K^+K^+D^{*+}\bar{D}^0)$	8379	8317	1	15073
8381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\eta'\bar{D}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\eta'D^+\bar{D}^0D_s^-)$	1376	1374	1	15074

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0D^-\chi_{c1})$	296	296	1	15075
8383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^{*+}D_{s1}'^-)$	8382	8320	1	15076
8384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-\gamma, \bar{B}^0 \to \rho^-\rho^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\rho^-\eta\bar{K}^0K^+D^+D^-\gamma)$	1378	1376	1	15077
8385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^+a_1^-)$	8384	8322	1	15078
8386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	8385	8323	1	15079
8387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	8386	8324	1	15080
8388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+D^0D_s^{*-})$	8387	8325	1	15081
8389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, B^0 \to \rho^+\eta\eta D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\eta D^-p\bar{\Lambda}_c^-)$	8388	8326	1	15082
8390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+D^+\bar{D}^{*-}D_s^{*-})$	8389	8327	1	15083
8391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^{*+}D_1'^-)$	8390	8328	1	15084
8392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega D^-D^{*+})$	8391	8329	1	15085
8393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0J/\psi$ $(e^+e^- \to \omega\bar{K}^0K^*D^{*+}\bar{D}^{*-}J/\psi)$	8392	8330	1	15086
8394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\bar{K}^0D^-\bar{D}^{*-}D^{*0})$	8393	8331	1	15087
8395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+D^+D^-)$	8394	8332	1	15088
8396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D_2^{*+})$	8395	8333	1	15089
8397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^+D^{*+}\bar{D}^{*-}D^0)$	8396	8334	1	15090
8398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\rho^-\eta D^+D^{*+})$	8397	8335	1	15091

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{D}^0D_s^{*+}\bar{\Sigma}^+\Sigma^-)$	8398	8336	1	15092
8400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\omega D^+D^-n\bar{p}D_{s1}'^+)$	8399	8337	1	15093
8401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\rho^-\eta K^-D^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\eta K^0K^-D^-D^{*+}D^0)$	8400	8338	1	15094
8402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{p}\Xi_c'^0$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{p}\Xi_c'^0)$	8401	8339	1	15095
8403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^+D^{*0}\bar{D}^{*0}\Lambda\bar{\Sigma}_c^-)$	8402	8340	1	15096
8404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-D^{*+}D^{*+})$	8403	8341	1	15097
8405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}D_s^-\gamma)$	8404	8342	1	15098
8406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^+D^+\bar{D}^{*-}D^{*0})$	8405	8343	1	15099
8407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^-\rho^-K^+D^{*+}\bar{D}^0D^{*0}\gamma)$	8406	8344	1	15100
8408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	8407	8345	1	15101
8409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0K^{*-}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^{*-}\bar{D}^{*-}\bar{D}^{*0})$	8408	8346	1	15102
8410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-})$	1379	1377	1	15103
8411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^-\pi^-D^+\bar{\Delta}^-n$ $(e^+e^- \to \pi^0\pi^-\pi^-D^+D^{*+}\bar{\Delta}^-nD_{s1}'^-)$	8410	8348	1	15104
8412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-})$	8411	8349	1	15105
8413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^*K^-D^-, \bar{B}^0 \to \omega K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^+\omega\omega K^*K^*K^-K^{*-}D^-D^{*+})$	8412	8350	1	15106
8414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^*D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-K^*D^-D^{*+})$	8413	8351	1	15107
8415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^+, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0K^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{K}^0K^*D^-\bar{D}^{*-}D_s^+)$	8414	8352	1	15108

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	8415	8353	1	15109
8417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\omega D^+p\bar{\Lambda}_c^-)$	8416	8354	1	15110
8418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\eta' D^-, \bar{B}^0 \to \pi^0\pi^+K^0\bar{K}^*K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega K^0\bar{K}^*K^{*-}\eta' D^-)$	8417	8355	1	15111
8419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^- D_1'^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+D_s^- D_1'^+)$	8418	8356	1	15112
8420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^*K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^*K^{*-}\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^{*+})$	8419	8357	1	15113
8421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-n\bar{n}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^+\rho^-D^+D^-n\bar{n})$	8420	8358	1	15114
8422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^{*+}\bar{D}^{*-}D_1^+)$	8421	8359	1	15115
8423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\eta D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta D^-D^0)$	1380	1378	1	15116
8424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^+)$	8423	8361	1	15117
8425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^0D_2^{*-}\bar{\Delta}^0\Sigma_c^0)$	8424	8362	1	15118
8426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^-\bar{K}^*K^+D^+D^-\eta_c)$	8425	8363	1	15119
8427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\rho^+\bar{K}^*$ $(e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^*\bar{D}^{*-})$	8426	8364	1	15120
8428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to \eta\bar{p}\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^-\bar{p}\Sigma_c^+)$	8427	8365	1	15121
8429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\eta\omega D^{*+}\bar{D}^{*-}D^0)$	8428	8366	1	15122
8430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^{*+}D_0^{*-})$	8429	8367	1	15123
8431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0}\bar{n}\Delta^0)$	8430	8368	1	15124
8432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^+K^-D^+D_1^-)$	8431	8369	1	15125

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\chi_{c1}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K_L\pi^-\rho^+D^{*+}\bar{D}^{*-}\chi_{c1})$	8432	8370	1	15126
8434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+\rho^+\rho^-D^-D^{*+})$	8433	8371	1	15127
8435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}D_s^{*-}D_1^+)$	8434	8372	1	15128
8436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to K^0K^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^-\eta'D^-D^{*+})$	8435	8373	1	15129
8437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0\bar{D}^{*-}D_s^+D_s^-)$	8436	8374	1	15130
8438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_s^{*-}D_1^+)$	8437	8375	1	15131
8439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta\omega\eta'D^{*+}\bar{D}^{*-})$	8438	8376	1	15132
8440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\omega D^+D^-)$	8439	8377	1	15133
8441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to K_2^{*0}\bar{D}^{*-}D_s^+J/\psi)$	8440	8378	1	15134
8442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^-K^0K^+K^-D^{*+}D^0\bar{D}^{*0})$	8441	8379	1	15135
8443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \eta D^{*0}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}D^{*0}p\bar{p})$	8442	8380	1	15136
8444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0K^0K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0)$	8443	8381	1	15137
8445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+D^-)$	8444	8382	1	15138
8446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-D^-D^{*0})$	8445	8383	1	15139
8447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-})$	8446	8384	1	15140
8448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^-D^{*+})$	8447	4520	1	15141
8449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}\bar{D}^{*-}D_2^{*+})$	8448	8385	1	15142

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega D^+ p\bar{\Sigma}_c^-)$	8449	8386	1	15143
8451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^+ D^- D_s^-)$	8450	8387	1	15144
8452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0\bar{K}^0 K^- K^{*+} K^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega K^0\bar{K}^0 K^- K^{*+} K^{*+} D^+)$	8451	8388	1	15145
8453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^{*-} D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0 K^{*+} K^{*-}\bar{D}^{*-} D^0\bar{D}^0)$	8452	8389	1	15146
8454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\rho^0\rho^+ D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^+ D^- D^-)$	1381	1379	1	15147
8455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-} D_s^{*+}\gamma)$	8454	8391	1	15148
8456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{K}^* K^{*+} D^+ D^-)$	8455	8392	1	15149
8457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{K}^0 n\bar{\Xi}_c'^0, B^0 \to \pi^-\rho^+\omega K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\omega\bar{K}^0 K^{*+}\bar{D}^{*-} n\bar{\Xi}_c'^0)$	8456	8393	1	15150
8458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega K^* K^{*-} D^{*+}\bar{D}^{*0})$	8457	8394	1	15151
8459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^* D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega K^* D^+ D_s^{*-})$	8458	8395	1	15152
8460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-} D_1^+, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- D^{*+} D_s^{*-} D_1^+)$	8459	8396	1	15153
8461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to \pi^+\eta K^{*-} D^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta K^{*-} D^0 D_1'^+)$	8460	8397	1	15154
8462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0})$	8461	8398	1	15155
8463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^+ K^- D^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^- D^+ D^- D^0 D_s^{*-})$	8462	8399	1	15156
8464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+ K^{*-} D^- D^{*+}\bar{D}^0)$	8463	8400	1	15157
8465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^-\bar{K}^0\bar{K}^0 K^+ K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0\bar{K}^0 K^+ K^+\bar{D}^{*-}\bar{D}^{*-})$	8464	8401	1	15158
8466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^{*+} D^- D^{*0}, B^0 \to \pi^0\eta\omega K^+ D_s^-$ $(e^+e^- \to \pi^0\eta\omega K^+ K^{*+} D^- D^{*0} D_s^-)$	8465	8402	1	15159

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\omega\bar{K}^*K^{*+}D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\Sigma^-\bar{\Xi}_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^*K^{*+}D^-\Sigma^-\bar{\Xi}_c^0)$	8466	8403	1	15160
8468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^-D_0^{*+}$ $(e^+e^- \to \pi^-\rho^+\bar{D}^{*-}p\bar{p}D_0^{*+})$	8467	8404	1	15161
8469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^-D^+D^{*+}\bar{D}^{*0})$	297	297	1	15162
8470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\chi_{c1}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^+K_SK^-D^-D^{*+}\chi_{c1})$	8469	8406	1	15163
8471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	8470	8407	1	15164
8472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^+\phi D_s^{*-}, \bar{B}^0 \to \pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+\phi D^+D_s^{*-}\bar{p}\Delta^+)$	8471	8408	1	15165
8473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\bar{K}^*K^+D^-D^{*+})$	8472	8409	1	15166
8474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+\eta'D^-D^{*+})$	8473	8410	1	15167
8475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_s^{*-}n\bar{\Lambda}, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \pi^+\omega K^*K^-D^+D_s^{*-}n\bar{\Lambda})$	298	298	1	15168
8476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Lambda\bar{\Xi}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Lambda\bar{\Xi}_c^-)$	8475	8412	1	15169
8477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega K^-D^+D^{*+}\bar{D}^0)$	8476	8413	1	15170
8478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	8477	8414	1	15171
8479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{D}^{*-}D^0)$	8478	8415	1	15172
8480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0D^{*+}\bar{D}^{*-})$	8479	8416	1	15173
8481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+D^+\bar{D}^{*-})$	1384	1382	1	15174
8482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^-\eta\omega\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta\eta\omega\bar{K}^0D^-D_s^+)$	1385	1383	1	15175
8483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \pi^0K^0D^+D^-$ $(e^+e^- \to \pi^0\rho^+\eta K^0D^+D^-\bar{D}^{*-})$	1386	1384	1	15176

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	8483	8419	1	15177
8485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta'\bar{D}^{*-}D^0D_s^{*-})$	8484	8420	1	15178
8486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0D^+D_s^{*-}, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to K^0K^0K^0K^{*-}D^+D^{*+}D_s^{*-})$	8485	8421	1	15179
8487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	8486	8422	1	15180
8488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^-D^{*+}D^{*+})$	8487	8423	1	15181
8489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_s^-\gamma)$	8488	8424	1	15182
8490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	8489	8425	1	15183
8491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^{*0}D_1^-)$	8490	8426	1	15184
8492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-K^0D^+\bar{D}^{*-}D^{*0})$	8491	8427	1	15185
8493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\eta\eta K^+K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\eta K^+K^-D^+D^{*+})$	8492	8428	1	15186
8494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu K^0K^-D^+\bar{D}^{*-})$	8493	8429	1	15187
8495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^-D^{*+})$	8494	8430	1	15188
8496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^0D^+\bar{D}^{*-}n\bar{p})$	8495	8431	1	15189
8497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0)$	8496	8432	1	15190
8498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^-D^{*+}\bar{D}^{*0}D_1'^-)$	8497	8433	1	15191
8499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta\omega\omega D^-D_1'^+)$	8498	8434	1	15192
8500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^{*+}D_s^{*+}D_s^{*-})$	8499	8435	1	15193

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{n}, \bar{B}^0 \to \pi^0 D^+ \Lambda\bar{\Sigma}^-$ $(e^+e^- \to \pi^0 D^+ \bar{D}^0 n\bar{n}\Lambda\bar{\Sigma}^-)$	8500	8436	1	15194
8502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+}D_0^{*+})$	8501	8437	1	15195
8503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ D^{*0} D_s^-, \bar{B}^0 \to \bar{K}^*\phi\eta_c$ $(e^+e^- \to \pi^+\bar{K}^*\phi D^{*0} D_s^-\eta_c)$	8502	8438	1	15196
8504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\bar{K}^*K^+D^+\bar{D}^{*-}D_s^{*-})$	8503	8439	1	15197
8505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^-D^+D^-\bar{D}^{*-}D_s^{*+})$	8504	8440	1	15198
8506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^-D^{*+}\bar{\Delta}^0\Delta^+a_1^-)$	8505	8441	1	15199
8507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*D^-D^-)$	1387	1385	1	15200
8508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\omega K^-K^{*+}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\omega K^-K^{*+}D^{*+})$	8507	8443	1	15201
8509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^*D^+D^{*+}\bar{D}^{*-})$	1388	1386	1	15202
8510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}\bar{D}^{*-}p\bar{p})$	8509	8445	1	15203
8511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D_2^{*+}\bar{D}^0)$	8510	8446	1	15204
8512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_{s1}'^+)$	8511	8447	1	15205
8513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^{*-})$	8512	8448	1	15206
8514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta K^{*-}\bar{D}^{*-}\eta_c)$	8513	8449	1	15207
8515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-D^+D^-)$	8514	8450	1	15208
8516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^+D^{*0}\bar{D}^{*0})$	8515	8451	1	15209
8517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta K^-D_s^+, \bar{B}^0 \to \pi^0\rho^+\eta K^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\eta K^-K^-D^0D_s^+)$	8516	8452	1	15210

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	8517	8453	1	15211
8519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-D^{*+}D_2^{*-}D_s^{*+})$	8518	8454	1	15212
8520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^0\bar{D}^{*0})$	8519	8455	1	15213
8521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}D_2^{*+})$	8520	8456	1	15214
8522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\eta' p\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\eta\eta' D^{*+}p\bar{\Lambda}_c^-D_{s1}'^-)$	8521	8457	1	15215
8523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega\bar{D}^{*-}D_2^{*+})$	8522	8458	1	15216
8524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta' n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^0\bar{K}^*\eta' D^+n\bar{\Sigma}_c^{*0})$	8523	8459	1	15217
8525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	8524	8460	1	15218
8526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^0K^-D^-D^{*+}D^0\bar{D}^{*0})$	8525	8461	1	15219
8527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+}a_1^-)$	8526	8462	1	15220
8528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^0\rho^0K^*\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0K^0K^*\bar{K}^*D^0p\bar{\Lambda}_c^-)$	8527	8463	1	15221
8529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\Delta^0\bar{\Omega}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+\Delta^0\bar{\Omega}_c^{*0})$	8528	8464	1	15222
8530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \rho^+D^-\bar{p}\Delta^+$ $(e^+e^- \to \rho^+K_SD^-J/\psi\bar{p}\Delta^+)$	1389	1387	1	15223
8531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-\eta\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+})$	8530	8466	1	15224
8532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-)$	8531	8467	1	15225
8533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	8532	8468	1	15226
8534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+})$	8533	8469	1	15227

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0 D_2^{*+}D_s^- n\bar{\Sigma}_c^0)$	8534	8470	1	15228
8536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^-D^{*+}\bar{D}^{*0}\chi_{c1})$	8535	8471	1	15229
8537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0D^0D^{*0})$	8536	8472	1	15230
8538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0K^0\chi_{c2}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{D}^{*-}\chi_{c2})$	8537	8473	1	15231
8539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-})$	8538	8474	1	15232
8540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^{*+}\Sigma^0\bar{\Sigma}^-)$	8539	8475	1	15233
8541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	8540	8476	1	15234
8542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \rho^+D^+D^-\Delta^-\bar{n}\gamma)$	8541	8477	1	15235
8543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-})$	8542	8478	1	15236
8544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+})$	8543	8479	1	15237
8545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+D^{*+}n\bar{\Delta}^{++}, \bar{B}^0 \to \pi^+\pi^-D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^{*+}D^{*+}n\bar{\Delta}^{++}\Sigma^-\bar{\Lambda})$	8544	8480	1	15238
8546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^-D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega D^+D^{*+}\Sigma^0\bar{\Sigma}^0)$	8545	8481	1	15239
8547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D_1^+)$	8546	8482	1	15240
8548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}\bar{D}^{*-})$	8547	8483	1	15241
8549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to e^+\nu_eD_0^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D_0^{*-})$	8548	8484	1	15242
8550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\rho^-\eta D^+D^{*+})$	8549	8485	1	15243
8551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^+\psi')$	8550	8486	1	15244

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\eta\bar{D}^{*0}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^-\eta\eta\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*++})$	8551	8487	1	15245
8553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	8552	8488	1	15246
8554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}D_s^+D_s^-)$	8553	8489	1	15247
8555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^-D^{*+})$	8554	8490	1	15248
8556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	8555	8491	1	15249
8557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+D^{*+}D^0\bar{D}^{*0})$	8556	8492	1	15250
8558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta D^+D^0)$	8557	8493	1	15251
8559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \rho^0\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{K}^0D^-D^{*0})$	8558	8494	1	15252
8560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+\bar{D}^{*-}, B^0 \to \pi^0K^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0K^0K^*D^+\bar{D}^{*-}D^0\bar{D}^0)$	8559	8495	1	15253
8561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta K^0K^-D^{*+}\bar{D}^{*-})$	8560	8496	1	15254
8562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^{*+}D^+D_s^{*-})$	8561	8497	1	15255
8563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^{*+}D^{*+}D_s^-)$	8562	8498	1	15256
8564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi(3770), \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0K^0D^{*+}D_{s1}'^-\psi(3770))$	8563	8499	1	15257
8565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta K^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\eta K^+D^{*+}D_s^{*-})$	8564	8500	1	15258
8566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\omega K^-\bar{D}^{*-}D^0\bar{D}^{*0})$	8565	8501	1	15259
8567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega\bar{D}^{*-}D^{*0})$	8566	8502	1	15260
8568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-)$	8567	8503	1	15261

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta' D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^*\eta' D^+D^+\bar{D}^{*-})$	8568	8504	1	15262
8570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^+\pi^-\rho^+K^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{D}^{*-}\bar{D}^0D_s^{*+})$	1390	1388	1	15263
8571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	8570	8506	1	15264
8572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	1391	1389	1	15265
8573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^{*+}\eta_c)$	8572	8508	1	15266
8574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+\eta D^+D^+)$	8573	8509	1	15267
8575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to K^0\bar{K}^0D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu K^0\bar{K}^0D^+D_s^-D_1'^-)$	8574	8510	1	15268
8576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^-D^{*+}D^{*+})$	8575	8511	1	15269
8577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^+\eta\omega\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	8576	8512	1	15270
8578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\omega K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta\omega\bar{K}^0K^+K^-K^-D^-\bar{D}^0D_s^+)$	8577	8513	1	15271
8579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\rho^-\omega K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^{*-}D^-D^0D_{s1}'^+)$	8578	8514	1	15272
8580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-\eta\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	8579	8515	1	15273
8581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \eta\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \eta K^0\bar{K}^0D^+D^-\bar{D}^0D^{*0})$	8580	8516	1	15274
8582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^{*+}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0D^{*+}\bar{\Delta}^+\Sigma_c^{*+})$	8581	8517	1	15275
8583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	8582	8518	1	15276
8584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^0\omega\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^*K^-K^-D^+\chi_{c1})$	8583	8519	1	15277
8585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\eta\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma_c^0)$	8584	8520	1	15278

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}\bar{D}^{*-}D^{*0})$	8585	8521	1	15279
8587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	8586	8522	1	15280
8588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1392	1390	1	15281
8589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D^{*0})$	8588	8524	1	15282
8590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\omega D^+n\bar{n}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^+D^+n\bar{n})$	8589	8525	1	15283
8591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^+D^-\bar{D}^{*-}D^{*0})$	8590	8526	1	15284
8592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{D}^0, \bar{B}^0 \to \rho^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta D^+\bar{D}^0\bar{p}\Delta^+)$	8591	8527	1	15285
8593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^*K^{*+}D^-D^{*+})$	8592	8528	1	15286
8594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\omega D^+D^{*+})$	8593	8529	1	15287
8595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	8594	8530	1	15288
8596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to e^+\nu_e\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^-)$	1393	1391	1	15289
8597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\bar{K}^0K^{*+}D^-D^{*+})$	1394	1392	1	15290
8598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-D^{*+}D^{*+}\Sigma^+\bar{\Sigma}^-)$	8597	8533	1	15291
8599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^{*+}\bar{\Delta}^+\Sigma_c^{*0})$	8598	8534	1	15292
8600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta p\bar{\Lambda}_c^-, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \rho^0\eta\eta D^0p\bar{\Lambda}_c^-)$	8599	8535	1	15293
8601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+K^+K^-D^{*+}\bar{D}^{*-})$	8600	8536	1	15294
8602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+D_s^-D_1'^-)$	8601	8537	1	15295

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	8602	8538	1	15296
8604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}\bar{\Delta}^0\Lambda_c^+)$	8603	8539	1	15297
8605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \eta D^+D^-D_s^{*+}D_s^{*-})$	1395	1393	1	15298
8606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta D^-D_2^{*+})$	8605	8541	1	15299
8607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega\bar{K}^0K^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\bar{K}^0\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	8606	8542	1	15300
8608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^+\chi_{c0})$	8607	8543	1	15301
8609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-})$	8608	8544	1	15302
8610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\omega D^-\bar{p}\Lambda_c^+)$	8609	8545	1	15303
8611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^+D^+\bar{D}^{*-}D_{s1}'^-)$	8610	8546	1	15304
8612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+D^-)$	8611	8547	1	15305
8613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega\bar{K}^*K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega\bar{K}^*K^+K^-D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	8612	8548	1	15306
8614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	8613	8549	1	15307
8615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}D^{*0})$	8614	8550	1	15308
8616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\Sigma^0\bar{\Xi}_c^{*0})$	8615	8551	1	15309
8617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-D^{*+}\bar{D}^{*-}\bar{n}p)$	8616	8552	1	15310
8618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^+K^-D^{*+}\bar{D}^{*-}D^{*0})$	299	299	1	15311
8619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^+D^{*+})$	1397	1395	1	15312

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^- D^+ D_2^{*-})$	8619	8555	1	15313
8621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^+K^- K^{*+}K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^+K^- K^{*+}K^{*-} D^+\bar{D}^{*-}\bar{D}^0)$	8620	8556	1	15314
8622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0 n\bar{n}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^- D^+\bar{D}^0 n\bar{n})$	8621	8557	1	15315
8623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0})$	8622	8558	1	15316
8624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\eta K^- D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^- D^+ D^0\bar{D}^0 D_s^-)$	8623	8559	1	15317
8625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^{*+}D^-, \bar{B}^0 \to K^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^- K^{*+} D^- D_s^{*+})$	1398	1396	1	15318
8626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\Delta^-\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\bar{K}^* D^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^* D^- D^{*0}\Delta^-\bar{\Sigma}_c^0)$	8625	8561	1	15319
8627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to D^- a_1^+$ $(e^+e^- \to \rho^+ D^- D^- a_1^+)$	8626	8562	1	15320
8628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^- D^- D_1^+)$	8627	8563	1	15321
8629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^- K^+K^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^+K^- D^{*+}\bar{D}^{*0})$	8628	8564	1	15322
8630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^+ D^{*+} D_s^-)$	8629	8565	1	15323
8631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to D^{*+}\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+} D^{*0}\Lambda\bar{\Sigma}^-)$	8630	8566	1	15324
8632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e X_u^-\pi^+\pi^-\bar{p}\Lambda_c^+)$	8631	8567	1	15325
8633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0\bar{K}^* J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^0\bar{K}^* D_2^{*+} J/\psi)$	8632	8568	1	15326
8634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \omega D^+ D^- D_s^{*-}\bar{n}p)$	8633	8569	1	15327
8635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^{*+}\Delta^0\bar{\Sigma}_c^-)$	8634	8570	1	15328
8636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^- K^* D^+\bar{D}^{*-})$	1399	1397	1	15329

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+D^-D_s^-)$	8636	8572	1	15330
8638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta\omega D^+D^-)$	8637	8573	1	15331
8639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-D^+\bar{D}^{*-}n\bar{n})$	8638	8574	1	15332
8640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}J/\psi, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \rho^-\omega K^{*+}D^{*0}J/\psi)$	8639	8575	1	15333
8641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+D^+\bar{D}^{*0}\bar{p}\Delta^+)$	8640	8576	1	15334
8642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^+\rho^-\eta\omega\bar{K}^*$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^*\bar{D}^{*-}\bar{\Delta}^-n)$	1400	1398	1	15335
8643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^{*+}\Delta^0\bar{p}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^{*+}\Delta^0\bar{p})$	8642	8578	1	15336
8644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^*K^-D^{*+}D_0^{*-})$	8643	8579	1	15337
8645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	8644	8580	1	15338
8646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\rho^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\rho^-K^-D^{*+}\bar{D}^0)$	8645	8581	1	15339
8647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D_s^-p\bar{p}, \bar{B}^0 \to \pi^0\pi^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0K^{*+}D^+D_s^-p\bar{p})$	8646	8582	1	15340
8648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega\omega D^+\bar{D}^{*-})$	8647	8583	1	15341
8649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{n}, \bar{B}^0 \to \pi^-\rho^+\eta\bar{K}^0D^0$ $(e^+e^- \to \pi^-\rho^+\eta\bar{K}^0D^+D^0\Delta^-\bar{n})$	8648	8584	1	15342
8650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta K^0K^-\bar{D}^{*0})$	8649	8585	1	15343
8651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	8650	1799	1	15344
8652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\omega\omega D^+D^-)$	8651	8586	1	15345
8653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D_2^{*+}\bar{D}^0D_s^{*-})$	8652	8587	1	15346

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega K^{*+}D^-, \bar{B}^0 \to \pi^-\eta\eta\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\eta\omega\bar{K}^*K^{*+}D^+D^-)$	8653	8588	1	15347
8655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^-D^{*+})$	8654	8589	1	15348
8656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^{*0})$	8655	8590	1	15349
8657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}D^0)$	8656	8591	1	15350
8658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	8657	8592	1	15351
8659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1'^-, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \bar{D}^{*-}D_s^{*+}\bar{\Delta}^-\Delta^0D_1'^-)$	8658	8593	1	15352
8660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0K^0K^{*-}D^{*+}D_0^{*+})$	8659	8594	1	15353
8661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega K^*\bar{K}^*D^-, \bar{B}^0 \to D^{*0}\bar{n}\Sigma^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^*\bar{K}^*D^-D^{*0}\bar{n}\Sigma^{*0})$	8660	8595	1	15354
8662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1401	1399	1	15355
8663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^{*+}D^+D^{*0}\bar{D}^{*0})$	8662	8597	1	15356
8664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^-\bar{K}^0K^+K^-D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0K^+K^-D^{*+}D_s^-\Delta^0\bar{\Sigma}^+)$	8663	8598	1	15357
8665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^0D^{*+}D_s^-D_s^{*+}D_s^{*-})$	8664	8599	1	15358
8666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^0, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\bar{D}^0D^{*0}D_s^{*-})$	8665	8600	1	15359
8667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^-K^+K^-D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^-K^+K^-D^-\bar{D}^{*-})$	1402	1400	1	15360
8668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0)$	8667	8602	1	15361
8669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^-D^0\bar{D}^0D_s^{*+}p\bar{\Delta}^+)$	8668	8603	1	15362
8670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^-D^+\bar{D}^{*-}D_{s1}'^+)$	8669	8604	1	15363

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \eta\bar{K}^0D^+D^-$ $(e^+e^- \to \eta K^0\bar{K}^0D^+D^-\Delta^0\bar{\Sigma}_c^0)$	8670	8605	1	15364
8672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^+K^-D^{*+}\bar{D}^{*-})$	8671	8606	1	15365
8673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c1}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-K_SD^+\chi_{c1})$	8672	8607	1	15366
8674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^0K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^-K^{*+}D^-D^{*+})$	8673	8608	1	15367
8675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	8674	8609	1	15368
8676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^-D^{*+}D_s^-)$	8675	8610	1	15369
8677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{D}^0p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^0p\bar{\Delta}^+)$	8676	8611	1	15370
8678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\omega\eta'$ $(e^+e^- \to \rho^0\omega\eta'\bar{D}^{*-}D_{s1}'^+)$	8677	8612	1	15371
8679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^0\pi^0\pi^+K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0K^+K^-D^-D^-D^{*+})$	8678	8613	1	15372
8680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \eta_c\bar{n}\Lambda$ $(e^+e^- \to \pi^+\pi^-D^-D_s^{*+}\eta_c\bar{n}\Lambda)$	8679	8614	1	15373
8681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \omega\bar{K}^*K^{*+}D^-$ $(e^+e^- \to \omega\bar{K}^*K^+K^{*+}D^-\bar{D}^{*-}D^0)$	300	300	1	15374
8682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to D^0\bar{p}\Delta^+$ $(e^+e^- \to \rho^-K^+D^+D^-D^0\bar{p}\Delta^+)$	8681	8616	1	15375
8683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-K^{*+}D^-D_2^{*+})$	301	301	1	15376
8684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\bar{K}^0D^+D^-)$	8683	8618	1	15377
8685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	8684	8619	1	15378
8686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\omega\omega K^0\bar{K}^0K^+K^-K^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\omega\omega K^0\bar{K}^0K^+K^-K^-D^-)$	8685	8620	1	15379
8687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega D^-D^0D_s^{*+})$	8686	8621	1	15380

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^- D^+ D^{*0}\bar{D}^{*0} D_s^{*-})$	8687	8622	1	15381
8689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\eta K^0\eta', \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^- K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta K^0 K^-\eta' D^{*+})$	8688	8623	1	15382
8690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D_s^{*+} D_1'^+)$	302	302	1	15383
8691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^+\rho^-\rho^- D^+ D^-)$	8690	8624	1	15384
8692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0 J/\psi, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0 K^- D^{*+}\bar{D}^{*0} J/\psi)$	8691	8625	1	15385
8693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^- K^0\bar{K}^* D^+\bar{D}^{*-})$	8692	8626	1	15386
8694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^- D^-\bar{\Delta}^0\Sigma_c^+)$	8693	8627	1	15387
8695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Delta}^+)$	8694	8628	1	15388
8696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+\gamma, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-} a_1^+\gamma)$	8695	8629	1	15389
8697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\omega K^0 D^+ D^0\bar{D}^{*0})$	8696	8630	1	15390
8698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_{s1}'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^+ D_{s1}'^-)$	8697	8631	1	15391
8699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to K^- D^{*+}\Sigma^0\bar{\Xi}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^- D^{*+} D^{*0}\Sigma^0\bar{\Xi}^0)$	8698	8632	1	15392
8700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega K^0\bar{K}^0 D^-, \bar{B}^0 \to \pi^0\omega K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega K^0\bar{K}^0 K^* K^- D^- D^{*+})$	8699	8633	1	15393
8701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^{*+}\bar{D}^0 D_s^-)$	8700	8634	1	15394
8702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^- K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^- K^0 K^{*-} D^+\bar{D}^{*-})$	1406	1404	1	15395
8703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0 p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0\bar{K}^0 K^+\bar{D}^{*-} p\bar{\Delta}^+)$	8702	8636	1	15396
8704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^*\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^* D^{*+}\bar{D}^{*-} D^0)$	8703	8637	1	15397

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega D^+\bar{D}^{*-})$	8704	8638	1	15398
8706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^-\eta\bar{K}^0 D^{*+}D^{*+}\bar{D}^{*-})$	8705	8639	1	15399
8707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{\Lambda}\Sigma^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^- D^+D^-\bar{\Lambda}\Sigma^{*+})$	8706	8640	1	15400
8708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}J/\psi, \bar{B}^0 \to \pi^- K^+K^- D^+$ $(e^+e^- \to \pi^-\pi^- K^+K^- K^{*+}D^+J/\psi)$	8707	8641	1	15401
8709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^- K^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^- K^0\bar{D}^0 D_1^+)$	8708	8642	1	15402
8710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}\gamma, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}\gamma)$	8709	8643	1	15403
8711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\omega D^0$ $(e^+e^- \to \pi^0\rho^0\omega K^- D^{*+}D^0\bar{D}^{*0})$	8710	8644	1	15404
8712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0\bar{K}^* K^+\phi, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^0\bar{K}^* K^+\phi D^{*+})$	8711	8645	1	15405
8713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \rho^+\rho^-\omega D^{*0}$ $(e^+e^- \to \rho^+\rho^-\omega D^- D^{*0}D_s^+)$	8712	8646	1	15406
8714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^- D_s^{*+}, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to K^0 D^{*0}D_s^- D_s^{*+}\bar{\Delta}^0\Sigma^0)$	8713	8647	1	15407
8715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^- D^{*+})$	8714	8648	1	15408
8716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta K^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\eta K^- D^- D^{*0})$	8715	8649	1	15409
8717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega n\bar{\Sigma}_c^0 D_1'^+)$	8716	8650	1	15410
8718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\eta\omega D^- D^{*+})$	8717	8651	1	15411
8719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \bar{K}^* K^+ D^+ D^- D_s^-)$	8718	8652	1	15412
8720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^- D^+ D^{*+}D_s^-)$	8719	8653	1	15413
8721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0 K^0 D^+ D^+\bar{D}^{*-}D_s^-)$	1407	1405	1	15414

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta' D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^0\bar{K}^0\eta' D^+ D^{*+})$	8721	8655	1	15415
8723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0 D^- D^{*+} D_1^-)$	8722	8656	1	15416
8724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^0\bar{D}^0, \bar{B}^0 \to K^{*-} D^+$ $(e^+e^- \to \pi^- K^+ K^{*-} D^+ D^0\bar{D}^0)$	70	70	1	15417
8725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-} D_2^{*-})$	8724	8658	1	15418
8726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega D^+ D^- D_s^-)$	8725	8659	1	15419
8727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \phi D^{*+} D_s^-$ $(e^+e^- \to \eta\eta\bar{K}^0 K^+\phi D^{*+}\bar{D}^{*-} D_s^-)$	8726	8660	1	15420
8728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+, \bar{B}^0 \to \pi^0\omega K^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\omega K^0 D^+ D^+ D_s^-)$	8727	8661	1	15421
8729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^- K^0 K^+ K^- D^{*+} D^{*+}\bar{D}^{*-})$	8728	8662	1	15422
8730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	8729	8663	1	15423
8731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^+ D^+\bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-\pi^- K^+ D^+ D^+\bar{D}^{*-} D_{s1}'^-)$	8730	8664	1	15424
8732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-} n\bar{n} D_1^+)$	8731	8665	1	15425
8733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0 D^{*+}\eta_c)$	8732	8666	1	15426
8734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^-, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^- K^0 D^- D^{*+})$	8733	8667	1	15427
8735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^* D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^+ K^0\bar{K}^* D^+ D^- D_s^{*-})$	8734	8668	1	15428
8736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- K^0 K^{*-} D^+\bar{D}^{*-})$	8735	8669	1	15429
8737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0 D^+\bar{D}^{*-} D_s^{*-})$	8736	8670	1	15430
8738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Sigma}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*0}\Delta^0\bar{\Sigma}^{*0} D_1^+)$	8737	8671	1	15431

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	8738	8672	1	15432
8740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^-\eta\phi D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\phi D^{*+}D_1^+)$	8739	8673	1	15433
8741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-D^+D^{*+}\bar{D}^0n\bar{n})$	8740	8674	1	15434
8742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\eta D^{*+}D_1'^-)$	8741	8675	1	15435
8743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+D^-D_s^-)$	8742	8676	1	15436
8744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^-D^{*+}\bar{n}p)$	8743	8677	1	15437
8745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{K}^0D^-D_s^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^-D^+D^-\bar{D}^{*0}D_s^{*+})$	8744	8678	1	15438
8746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \rho^0\bar{K}^0K^{*+}D^-$ $(e^+e^- \to e^+\nu_e\rho^0\bar{K}^0K^{*+}D^-D_0^{*-})$	8745	8679	1	15439
8747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^0)$	8746	8680	1	15440
8748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0D^+D^0\bar{D}^{*0})$	8747	8681	1	15441
8749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \rho^+\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^-\gamma)$	8748	8682	1	15442
8750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+D_1^-)$	8749	8683	1	15443
8751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-K^*D^-D^{*+}D^0)$	1409	1407	1	15444
8752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\eta\omega D^-\bar{D}^{*-})$	8751	8685	1	15445
8753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega\bar{K}^0K^*D^+\bar{D}^{*-})$	8752	8686	1	15446
8754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^-, B^0 \to \pi^-K^+D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-K^+D^0\bar{D}^0)$	8753	8687	1	15447
8755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{K}^0\bar{K}^0\bar{D}^{*-})$	8754	8688	1	15448

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^- D_s^{*+}, \bar{B}^0 \to \pi^0 \bar{K}^0 D^{*0}$ $(e^+e^- \to \pi^0 \bar{K}^0 K^* D^{*0} D_s^- D_s^{*+})$	8755	8689	1	15449
8757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+ K^0 D^+ D^{*+} \bar{D}^{*-})$	8756	8690	1	15450
8758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+ a_0^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+ \bar{D}^{*-} a_0^-)$	8757	8691	1	15451
8759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\pi^-\rho^+ K^+ K^+ K^- D^{*+}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+ K^+ K^+ K^- D^{*+} D^{*+} D_s^{*-})$	8758	8692	1	15452
8760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta K^0 D_s^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega K^0 D^{*+} D_s^-)$	8759	8693	1	15453
8761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\rho^-\rho^-\omega D^+)$	8760	8694	1	15454
8762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta D^+ D^{*+})$	8761	8695	1	15455
8763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^{*+} \bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^{*+} D_s^-$ $(e^+e^- \to \pi^0\rho^0\omega K^{*+} D^{*+} \bar{D}^{*-} D_s^-)$	1410	1408	1	15456
8764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0 \bar{\Delta}^+ \Sigma_c^+$ $(e^+e^- \to \pi^0 D_2^{*-} D_s^{*+} \bar{\Delta}^+ \Sigma_c^+)$	8763	8697	1	15457
8765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^- \bar{K}^* D^+ D^- \bar{D}^{*-})$	1411	625	1	15458
8766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{D}^0, \bar{B}^0 \to K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0\eta K^0 K^{*-} D^+ \bar{D}^0)$	8765	8699	1	15459
8767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta'\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*\eta' D^+\eta_c)$	304	304	1	15460
8768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\eta K^- D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\eta K^- D^{*+} D^0)$	8767	8701	1	15461
8769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-} D^{*0}\bar{\Delta}^+\Sigma^+)$	8768	8702	1	15462
8770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^+\omega D^-, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-\omega\omega D^- D^-)$	1413	1410	1	15463
8771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\bar{K}^0 K^* K^+, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\bar{K}^0 K^* K^+ D^{*+})$	8770	8704	1	15464
8772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^0\bar{p}\Delta^+)$	1414	1411	1	15465

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D_s^+ D_s^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\bar{K}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0 K^+ D^{*0} D_s^+ D_s^-)$	8772	8706	1	15466
8774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^- \Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+ D^- D^{*+}\Delta^0\bar{\Delta}^+\Sigma^0\bar{\Sigma}^0)$	8773	8707	1	15467
8775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\rho^-\rho^-\omega\omega D^{*+} D^{*+})$	8774	8708	1	15468
8776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\bar{K}^* D^+ D^- D^-)$	8775	8709	1	15469
8777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-})$	8776	8710	1	15470
8778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\rho^0 K^* K^- D^+$ $(e^+e^- \to \pi^0\rho^0 K^* K^+ K^- D^+\bar{D}^{*-} D^{*0})$	8777	8711	1	15471
8779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\rho^- D^{*+})$	8778	8712	1	15472
8780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+ D^- D^{*+}\bar{\Delta}^-\Delta^-)$	8779	8713	1	15473
8781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^- K^+\eta_c, B^0 \to \pi^-\omega\bar{D}^0\bar{n}p$ $(e^+e^- \to \pi^-\rho^-\omega K^+\bar{D}^0\eta_c\bar{n}p)$	1415	1412	1	15474
8782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^0 D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 K^0 D^+ D^+ D^-)$	8781	8715	1	15475
8783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \eta\omega\omega\omega\bar{K}^0 D^0$ $(e^+e^- \to e^+\nu_e\eta\omega\omega\omega\bar{K}^0 D^- D^0)$	8782	8716	1	15476
8784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^0 D^-\bar{n}p, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+ D^-\bar{D}^{*-}\bar{n}p)$	8783	8717	1	15477
8785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-} p\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^0 D_s^{*-} p\bar{\Sigma}^0)$	8784	8718	1	15478
8786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0 D^{*+} D_s^{*+} D_1'^-)$	8785	8719	1	15479
8787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\rho^- D^+ D^-)$	8786	8720	1	15480
8788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^- D^+\bar{D}^0 D_s^-)$	8787	8721	1	15481
8789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega\bar{D}^0 D_1^+)$	8788	8722	1	15482

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^*D^-D^-D^{*+})$	8789	8723	1	15483
8791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^*K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-K^*K^{*-}D^{*+}D_1^-)$	8790	8724	1	15484
8792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	8791	8725	1	15485
8793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D_s^+)$	8792	8726	1	15486
8794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D_s^-\Delta^0\bar{\Sigma}^+)$	8793	8727	1	15487
8795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^0\pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^*K^-D^+\Delta^0\bar{\Sigma}_c^-)$	8794	8728	1	15488
8796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \bar{K}^0\phi\eta_c$ $(e^+e^- \to \bar{K}^0\phi D_2^{*-}D_s^+\eta_c)$	8795	8729	1	15489
8797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^+D^-D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^+D^-\bar{D}^{*-}D^{*0})$	8796	8730	1	15490
8798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_1^0\psi', B^0 \to e^+\nu_eD^-$ $(e^+e^- \to e^+\nu_eD^-K_1^0\psi')$	8797	8731	1	15491
8799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+K^0K^-D^+\bar{D}^{*-})$	8798	8732	1	15492
8800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-D^+D_1^-)$	1416	1413	1	15493
8801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \bar{K}^*K^+D^-D^{*+}n\bar{\Delta}^+)$	8800	8734	1	15494
8802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}\bar{n}p)$	8801	8735	1	15495
8803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0K^*D^+\bar{D}^{*-})$	8802	8736	1	15496
8804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu D^-D^0n\bar{n})$	8803	8737	1	15497
8805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0J/\psi, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^0D^{*+}J/\psi p\bar{p})$	8804	8738	1	15498
8806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*K^+K^-K^{*-}D^+\bar{D}^{*-})$	8805	8739	1	15499

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^- D^+ D^-)$	8806	8740	1	15500
8808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s0}^{*-}$ $(e^+e^- \to \pi^+\rho^- K^{*+} D^+ \bar{D}^{*-} D_{s0}^{*-})$	8807	8741	1	15501
8809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0 D^{*+} D^0\bar{D}^0)$	8808	8742	1	15502
8810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^- K^- K^{*+}\phi D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega K^- K^{*+}\phi D^+\bar{D}^{*-})$	8809	8743	1	15503
8811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+\gamma, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^- D_2^{*-} D_s^+\bar{\Delta}^0\Lambda_c^+\gamma)$	8810	8744	1	15504
8812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^- K^+ K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ K^-\bar{D}^{*-}\bar{D}^{*0})$	8811	8745	1	15505
8813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+ K^- D^- D^{*+}\bar{D}^0)$	8812	8746	1	15506
8814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^0)$	8813	8747	1	15507
8815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^- D^+ n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^+ n\bar{n} D_1'^-)$	8814	8748	1	15508
8816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^- K^{*+} D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^+ K^- K^- K^{*+} D^{*+}\bar{D}^{*-})$	8815	8749	1	15509
8817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\omega\eta' D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\eta'\bar{D}^{*-} D^0)$	8816	8750	1	15510
8818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega K^0\bar{K}^0 K^+ D^{*+}\bar{D}^0)$	8817	8751	1	15511
8819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^*\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^*\bar{K}^*\bar{D}^0 D^{*0}\bar{D}^{*0})$	8818	8752	1	15512
8820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^-\omega D^+ D^{*+})$	8819	8753	1	15513
8821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \rho^+\eta K^- D^0$ $(e^+e^- \to \rho^+\eta K^0 K^- D^- D^{*+} D^0)$	8820	8754	1	15514
8822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega K^0\bar{K}^0 D^- D^{*0} D_s^+)$	8821	8755	1	15515
8823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0 D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	8822	8756	1	15516

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^- K^{*+}\eta' D_s^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta K^{*+}\eta' D^{*+} D_s^{*-})$	8823	8757	1	15517
8825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+K^- K_0^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^+K^- D^{*+} K_0^0)$	8824	8758	1	15518
8826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\rho^+ K^{*-} D^- D^{*+}\bar{D}^0)$	8825	8759	1	15519
8827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+ K^{*-}\bar{D}^0 D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ K^{*-} D^{*+}\bar{D}^0 D^{*0})$	8826	8760	1	15520
8828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-\bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0 D^{*0})$	8827	8761	1	15521
8829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, B^0 \to \pi^- K^+ D^- D^{*+}$ $(e^+e^- \to \pi^- K^+K^+ D^- D^{*+}\bar{D}^{*-} D^{*0})$	1417	1414	1	15522
8830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^- D_2^{*+})$	8829	8763	1	15523
8831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^0)$	8830	8764	1	15524
8832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- D^{*+} D_s^{*-})$	1418	1415	1	15525
8833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to K^- D^+\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e K^- D^+ D^{*+}\bar{D}^0)$	8832	2215	1	15526
8834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0} D_s^+, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^- D^+\bar{D}^{*0} D_s^+ D_s^-)$	8833	8766	1	15527
8835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\chi_{c1}, \bar{B}^0 \to \pi^-\eta K^- K^{*+} D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^0 K^- K^{*+} D^{*+}\chi_{c1})$	8834	8767	1	15528
8836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^+ D_0^{*+})$	8835	8768	1	15529
8837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta D^+\Delta^0\bar{\Sigma}_c^0)$	8836	8769	1	15530
8838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{D}^{*-} D_2^{*+})$	1419	1416	1	15531
8839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^- D^{*+} n\bar{p})$	8838	8771	1	15532
8840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\eta\bar{K}^* D^+ D^-\bar{D}^{*-})$	1420	1417	1	15533

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^+ \bar{D}^0, \bar{B}^0 \to \rho^- \bar{K}^0 \bar{K}^0 K^{*+}$ $(e^+e^- \to \pi^-\rho^-\bar{K}^0\bar{K}^0K^{*+}D^+\bar{D}^0)$	8840	8773	1	15534
8842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^+K^-D^+\bar{D}^{*-})$	8841	8774	1	15535
8843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \pi^0\rho^+\eta\omega\omega D^-D^0)$	8842	8775	1	15536
8844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \omega D^{*+}\bar{D}^{*0}D_{s0}^{*-})$	8843	8776	1	15537
8845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \eta D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta\omega D^-D^{*0}\bar{D}^{*0})$	8844	8777	1	15538
8846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0K^*K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	8845	8778	1	15539
8847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0D^-n\bar{\Lambda}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^0D^+D^-n\bar{\Lambda})$	8846	8779	1	15540
8848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega D^-D^{*+}D_s^{*+})$	8847	8780	1	15541
8849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0D^{*+}\bar{D}^0D_s^{*+})$	8848	8781	1	15542
8850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^+\pi^-D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0K^*D^-D^{*+}\Delta^0\bar{\Delta}^+)$	8849	8782	1	15543
8851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^-D^+D^+\bar{D}^{*0})$	8850	8783	1	15544
8852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-K^{*+}D^-D^{*+}D^0)$	1421	1418	1	15545
8853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^+D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^-K^+D^+D^+\bar{D}^{*0})$	8852	8785	1	15546
8854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{K}^0K^+D^-, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\omega\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	8853	8786	1	15547
8855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\eta\omega\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega\eta' D^+D^-)$	8854	8787	1	15548
8856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	8855	8788	1	15549
8857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^{*+}, \bar{B}^0 \to \pi^0D^+D_s^{*-}\gamma$ $(e^+e^- \to \pi^0K^0K^{*-}D^+D^{*+}D_s^{*-}\gamma)$	8856	8789	1	15550

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau\eta D^+D^{*+})$	8857	8790	1	15551
8859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^-\bar{D}^0D_s^+)$	8858	8791	1	15552
8860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^+K^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\omega K^+K^-\bar{D}^{*-}D^{*0})$	8859	8792	1	15553
8861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^*K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0\bar{K}^*K^{*-}D^+D^-)$	8860	8793	1	15554
8862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\eta K^+D^{*0}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\omega K^+D^+D^{*0})$	8861	8794	1	15555
8863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^*K^{*-}\phi D^+$ $(e^+e^- \to \pi^0K^0K^*K^{*-}\phi D^+D^{*0}\bar{D}^{*0})$	8862	8795	1	15556
8864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_{s1}^+)$	8863	8796	1	15557
8865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to e^+\nu_e\eta D^-D^{*+}D_{s1}'^-)$	8864	8797	1	15558
8866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0\bar{D}^{*-}\chi_{c1})$	8865	8798	1	15559
8867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \rho^0\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^*K^*\bar{K}^*D^{*+}\psi')$	8866	8799	1	15560
8868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{p}\Delta^+)$	8867	8800	1	15561
8869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega\eta' D^+\bar{D}^{*-})$	8868	8801	1	15562
8870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+\bar{D}^{*-})$	8869	8802	1	15563
8871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^*D^-D^{*0}\bar{D}^{*0}D_s^{*+})$	8870	8803	1	15564
8872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}D^0\bar{D}^{*0})$	8871	8804	1	15565
8873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	8872	8805	1	15566
8874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-D^-D^{*+}\bar{n}p)$	8873	8806	1	15567

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^+, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D_s^+)$	1422	1419	1	15568
8876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \mu^+\nu_\mu J/\psi\bar{K}_1^0D_0^{*-})$	8875	8808	1	15569
8877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+D^-, B^0 \to K^{*+}p\bar{\Sigma}_c^{--}$ $(e^+e^- \to \bar{K}^0K^+K^{*+}D^-p\bar{\Sigma}_c^{--})$	8876	8809	1	15570
8878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \rho^-K^*\eta_c\bar{p}\Sigma_c^{++})$	8877	8810	1	15571
8879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-K^0\bar{K}^*\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	1423	1420	1	15572
8880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	8879	8812	1	15573
8881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\eta K^0K^+K^-\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta K^0K^+K^-D^{*+}\bar{D}^0)$	8880	8813	1	15574
8882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\bar{n}p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^-D^{*+}D_s^{*-}\bar{n}p)$	8881	8814	1	15575
8883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+})$	8882	8815	1	15576
8884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0\bar{K}^*, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^0K^0\bar{K}^*D^{*+}a_1^-)$	8883	8816	1	15577
8885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0p\bar{\Xi}_c'^-, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{D}^0D_s^{*+}p\bar{\Xi}_c'^-)$	8884	8817	1	15578
8886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^+\bar{D}^{*-})$	8885	8818	1	15579
8887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^-D^{*+})$	1424	1421	1	15580
8888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}a_1^-)$	8887	8820	1	15581
8889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^0\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\omega D^-D^0)$	8888	8821	1	15582
8890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^-K^0K^*\bar{K}^*D^+D^+\bar{D}^{*-})$	8889	8822	1	15583
8891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0D^-D^{*+}\bar{D}^0D_s^{*+})$	8890	8823	1	15584

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{D}^{*-}D_2^{*+}\bar{\Delta}^-\Delta^-)$	8891	8824	1	15585
8893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\rho^-\bar{K}^0 n\bar{\Lambda}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0D^+n\bar{\Lambda})$	8892	8825	1	15586
8894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	8893	8826	1	15587
8895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^*K^{*+}D^+D^-n\bar{p})$	8894	8827	1	15588
8896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	8895	8828	1	15589
8897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to D^+\Sigma^{*-}\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta D^+D^-\Sigma^{*-}\bar{\Sigma}^{*0})$	1425	1422	1	15590
8898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*-})$	8897	8830	1	15591
8899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\bar{\Sigma}^-\Xi^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+K^*\bar{D}^{*-}\bar{\Sigma}^-\Xi^0)$	8898	8831	1	15592
8900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega K^*D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\omega K^*D^-D_1^+)$	8899	8832	1	15593
8901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to D^+D_s^-\gamma$ $(e^+e^- \to \rho^-D^+D_s^-p\bar{\Sigma}_c^0\gamma)$	8900	8833	1	15594
8902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\omega\bar{D}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0)$	1426	1423	1	15595
8903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\eta\eta D^+\bar{D}^{*-}a_1^+)$	8902	8835	1	15596
8904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1427	1424	1	15597
8905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^0p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}p\bar{p})$	8904	8837	1	15598
8906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+K^-D^-D^{*+})$	8905	8838	1	15599
8907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-})$	8906	8839	1	15600
8908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^+\omega K^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+\gamma$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega K^{*-}D^+\gamma)$	8907	8840	1	15601

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^+\rho^- D^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^- D^- D^0)$	8908	8841	1	15602
8910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0 K^* K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0 K^* K^- D^{*+}\bar{D}^{*-})$	8909	8842	1	15603
8911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^- D^0)$	8910	8843	1	15604
8912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+ p\bar{p}$ $(e^+e^- \to \pi^+\rho^-\eta K^0\bar{K}^0 D^+\bar{D}^{*-}p\bar{p})$	8911	8844	1	15605
8913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \rho^0\rho^- D_2^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	8912	8845	1	15606
8914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0 D_2^{*-}\psi')$	8913	8846	1	15607
8915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^- D^{*+} D_0^{*-})$	8914	8847	1	15608
8916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^-\rho^+ D^-\bar{n}p$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+ D^-\bar{D}^{*-}\bar{n}p)$	8915	8848	1	15609
8917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega K^+ K^{*-} D^- D^{*+})$	8916	8849	1	15610
8918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} D_2^{*-} D_s^{*+}\gamma)$	8917	8850	1	15611
8919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+ K^- D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^* K^- D^{*+}\bar{D}^{*-} D^0)$	8918	8851	1	15612
8920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\bar{K}^0 D^+ D^-\bar{D}^{*-})$	8919	8852	1	15613
8921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\omega\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-})$	8920	8853	1	15614
8922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \eta\omega\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	305	305	1	15615
8923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \eta'\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta'\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*+})$	8922	8855	1	15616
8924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-} D^{*0} a_1^+)$	8923	8856	1	15617
8925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to K^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-} D_s^{*+})$	8924	8857	1	15618

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^0 D_1'^+)$	8925	8858	1	15619
8927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to K^*K^*\bar{K}^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^*K^*\bar{K}^*K^-D^+\bar{D}^{*0})$	8926	8859	1	15620
8928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*-})$	8927	8860	1	15621
8929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^0 a_1^-)$	8928	8861	1	15622
8930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+)$	8929	8862	1	15623
8931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-D^-D^{*+})$	8930	8863	1	15624
8932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{D}^0 D_s^+\bar{n}\Sigma_c^+)$	8931	8864	1	15625
8933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^-D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta\omega K^-D^-D^{*+}\bar{D}^{*-})$	8932	8865	1	15626
8934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+D^+\bar{D}^{*-})$	8933	8866	1	15627
8935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{K}^0K^+K^-D^-D^-D^{*+})$	8934	8867	1	15628
8936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+K^0\bar{K}^0K^-\bar{D}^{*-}D^{*0})$	8935	8868	1	15629
8937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\eta' D^{*+}\bar{D}^{*-})$	8936	8869	1	15630
8938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-D^-\bar{\Delta}^-p, \bar{B}^0 \to \pi^+\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^-\bar{D}^{*-}D^0\bar{\Delta}^-p)$	1429	1426	1	15631
8939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}\bar{n}p)$	8938	8870	1	15632
8940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^0K^*K^-D^+$ $(e^+e^- \to \rho^0\pi^-K^*K^+K^-D^+\bar{D}^0D^{*0})$	8939	8871	1	15633
8941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^*K^{*-}D^+\bar{D}^{*-})$	8940	8872	1	15634
8942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-\omega D^-D^{*+})$	8941	8873	1	15635

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0 D^{*+}\bar{D}^{*0})$	8942	8874	1	15636
8944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\eta_c, B^0 \to \pi^- K^{*+} J/\psi$ $(e^+e^- \to \pi^- K^0 K^{*+}\eta_c J/\psi)$	8943	8875	1	15637
8945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	8944	8876	1	15638
8946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^0\pi^+\omega K^0\phi D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta\omega K^0\phi D^- D^-)$	8945	8877	1	15639
8947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^*\bar{K}^* D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^*\bar{K}^* D^+\bar{D}^{*-})$	8946	8878	1	15640
8948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to \eta D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \eta\eta D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^+)$	8947	8879	1	15641
8949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-} D^{*0})$	8948	8880	1	15642
8950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+\bar{D}^{*-} D_{s1}'^+)$	8949	8881	1	15643
8951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0 D^+\bar{D}^{*-}\Lambda\bar{\Sigma}_c^0)$	8950	8882	1	15644
8952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\omega K^0\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega K^0\bar{K}^0\bar{D}^0\psi')$	8951	8883	1	15645
8953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^- K^+ D_s^{*-}, \bar{B}^0 \to D^{*+} D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^- K^+ D^{*+} D_s^{*-} D_{s0}^{*-})$	8952	8884	1	15646
8954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^{*0}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^-\eta K^+ D^{*0}\bar{\Delta}^0\Sigma_c^{*0})$	8953	8885	1	15647
8955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^* D^+\bar{D}^{*0})$	8954	8886	1	15648
8956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^- K^0 D^+\bar{D}^{*0})$	8955	8887	1	15649
8957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^- K^- D^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\rho^+\rho^- K^- D^0 D_1'^+)$	8956	8888	1	15650
8958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega K^0\bar{K}^*\bar{K}^* K^+, \bar{B}^0 \to \pi^+ D^0 n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^*\bar{K}^* K^+ D^0 n\bar{p})$	1430	1427	1	15651
8959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\eta K^0 K^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\eta K^0 K^- D^-\bar{D}^{*-})$	8958	8890	1	15652

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+D^-D_1^-)$	8959	8891	1	15653
8961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \rho^0\rho^+D^+D^-\Delta^0\bar{\Delta}^+)$	8960	8892	1	15654
8962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\eta K^+D^-D^{*+})$	8961	8893	1	15655
8963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0D^-D^{*0}D_s^+p\bar{\Delta}^+)$	8962	8894	1	15656
8964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+K^+K^+K^-K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^+K^+K^-K^-D^+\bar{D}^{*-})$	8963	8895	1	15657
8965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to K^*K^-\phi D^+$ $(e^+e^- \to K^*K^-\phi D^+D^{*+}a_1^-)$	8964	8896	1	15658
8966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^0n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta\eta D^+\bar{D}^0n\bar{n})$	8965	8897	1	15659
8967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*K^{*+}K^{*-}, \bar{B}^0 \to \eta D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\eta K^*K^{*+}K^{*-}D^{*+}D_s^{*-})$	8966	8898	1	15660
8968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \rho^0\rho^+K^0K^{*-}D^+\bar{D}^{*-})$	8967	8899	1	15661
8969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\eta K^*D^+D^+\bar{D}^{*-}n\bar{p})$	8968	8900	1	15662
8970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0D^-p\bar{p}\chi_{c1})$	8969	8901	1	15663
8971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\rho^0\bar{K}^0K^*K^*\phi$ $(e^+e^- \to \pi^0\rho^0K^0\bar{K}^0K^*K^*\phi D^{*+}\bar{D}^{*-})$	8970	8902	1	15664
8972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-D^-D^{*+})$	8971	8903	1	15665
8973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+})$	1431	1428	1	15666
8974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \eta D^-D^{*+}D_s^{*+}D_{s1}'^-)$	8973	8905	1	15667
8975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\eta_c(2S), \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0K^0D^{*+}\eta_c(2S))$	8974	8906	1	15668
8976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\rho^-\omega\eta'D^+\bar{D}^{*-})$	8975	8907	1	15669

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0K^0\bar{K}^*D^-D^{*+}\Sigma^0\bar{\Sigma}_c^{*0})$	8976	8908	1	15670
8978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\omega D^-, B^0 \to \pi^-\bar{D}^0\bar{n}p$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega D^-\bar{D}^0\bar{n}p)$	8977	8909	1	15671
8979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	8978	8910	1	15672
8980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+K^0\bar{K}^0\bar{K}^0D^-)$	8979	8911	1	15673
8981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^+K^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-})$	8980	8912	1	15674
8982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^-K^{*+}D^+\bar{D}^{*-})$	8981	8913	1	15675
8983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}D^{*+})$	8982	8914	1	15676
8984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	8983	8915	1	15677
8985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}\bar{D}^{*-}D_s^+)$	8984	8916	1	15678
8986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0D^+\bar{D}^{*-}p\bar{\Sigma}_c^{*-})$	8985	8917	1	15679
8987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^{*+}K^{*-}D^-D^{*+})$	8986	8918	1	15680
8988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\eta K^0\bar{K}^0\bar{K}^0K^*K^-$ $(e^+e^- \to \pi^0\rho^+\eta K^0\bar{K}^0\bar{K}^0K^*K^*K^-D^{*+}\bar{D}^{*-})$	1432	1429	1	15681
8989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta D^+D^-\Delta^0\bar{\Delta}^+)$	8988	8920	1	15682
8990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0\bar{K}^0K^+D^-D_s^+)$	1433	1430	1	15683
8991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*-}D_{s1}^+)$	8990	8922	1	15684
8992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^{*-}D^-, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^+K^0K^{*-}D^-D^{*+}n\bar{p})$	8991	8923	1	15685
8993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0K^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	8992	8924	1	15686

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
8994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-n\bar{n})$	1434	1431	1	15687
8995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\rho^+\omega K^0\bar{K}^*\bar{D}^{*-}\bar{p}\Lambda_c^+)$	306	306	1	15688
8996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega D^-D^0D_s^-)$	8995	8927	1	15689
8997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-K^+D^{*+}D^{*0}\bar{D}^{*0})$	8996	8928	1	15690
8998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^{*+}\bar{p}\Xi_c'^+)$	8997	8929	1	15691
8999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Sigma}^-)$	8998	8930	1	15692
9000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	8999	8931	1	15693
9001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{K}^*D^+\bar{D}^{*-})$	9000	8932	1	15694
9002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K_L\psi'$ $(e^+e^- \to e^+\nu_eK_LD^-\psi')$	9001	8933	1	15695
9003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to K^{*+}D^+D^-D_s^{*-}\gamma)$	9002	8934	1	15696
9004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}p\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	9003	8935	1	15697
9005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\omega K^-\bar{D}^{*-}\psi')$	9004	8936	1	15698
9006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0D^+\bar{D}^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^+\bar{D}^{*-}J/\psi\bar{K}_1^0)$	9005	8937	1	15699
9007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\eta\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{K}^0K^+D^-\bar{D}^{*-})$	9006	8938	1	15700
9008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0)$	9007	8939	1	15701
9009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-})$	9008	8940	1	15702
9010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	9009	8941	1	15703

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	9010	8942	1	15704
9012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta K^-D_s^{*+}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^-\eta K^-D^+D_s^{*+}n\bar{n})$	9011	8943	1	15705
9013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^+\eta_c)$	9012	8944	1	15706
9014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta D_2^{*+}\Delta^0\bar{\Xi}_c^0)$	9013	8945	1	15707
9015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*0}D_s^-)$	9014	8946	1	15708
9016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}_0^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{K}_0^{*0})$	9015	8947	1	15709
9017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	9016	8948	1	15710
9018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}\phi, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K_2^{*0}\phi D^{*+})$	9017	8949	1	15711
9019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\phi D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^0\bar{K}^0\phi D^-D^{*0})$	9018	8950	1	15712
9020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0D^+, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\eta\omega K^0\bar{K}^0D^+D^{*+})$	9019	8951	1	15713
9021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \bar{K}^0\eta'D^+D^-$ $(e^+e^- \to \pi^-\bar{K}^0\eta'D^+D^-D^{*+}\bar{\Delta}^-\Delta^-)$	9020	8952	1	15714
9022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\omega D^+D_2^{*-})$	9021	8953	1	15715
9023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}n\bar{p})$	1436	1433	1	15716
9024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{D}^0\Lambda\bar{\Lambda}$ $(e^+e^- \to K^*D^{*+}\bar{D}^{*-}\bar{D}^0\Lambda\bar{\Lambda})$	1437	1434	1	15717
9025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^*D^0D^0\bar{D}^{*0}\bar{D}^{*0})$	9024	8956	1	15718
9026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-D^+D^-D_s^{*+})$	1438	1435	1	15719
9027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^-K^{*+}D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\omega K^-K^{*+}D^-D_2^{*+}D_s^{*-})$	9026	8957	1	15720

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^-\bar{K}^*D^+D^-\bar{D}^{*0}D_s^+)$	9027	8958	1	15721
9029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^+D^-D_{s1}'^-)$	9028	8959	1	15722
9030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\bar{D}^{*0}\bar{n}\Delta^0\bar{\Delta}^0\Sigma_c^{*+})$	9029	8960	1	15723
9031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^{*-}D^+D^-D^-)$	9030	8961	1	15724
9032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0J/\psi, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to K^0K^+D^-D^{*0}J/\psi)$	9031	8962	1	15725
9033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^-D_2^{*+}D_s^-D_s^{*+})$	9032	8963	1	15726
9034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\eta D^-D^{*+})$	9033	8964	1	15727
9035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to K^0K^0\bar{K}^0K^{*-}D^+$ $(e^+e^- \to K^0K^0\bar{K}^0K^{*-}K^{*-}D^+D^+\bar{D}^0)$	1439	1436	1	15728
9036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	9035	8966	1	15729
9037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\eta K^+K^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\eta K^+K^-\bar{n}\Delta^0\Lambda_c^+\bar{\Sigma}_c^-)$	9036	8967	1	15730
9038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^-\rho^+D^-\bar{D}^0D_s^+)$	9037	8968	1	15731
9039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\omega D^-D^{*+})$	9038	8969	1	15732
9040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\bar{D}^{*0}\bar{n}\Lambda_c^+)$	9039	8970	1	15733
9041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	9040	8971	1	15734
9042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^{*0}D_s^{*+}n\bar{p})$	9041	8972	1	15735
9043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	9042	8973	1	15736
9044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}D_1'^-)$	9043	8974	1	15737

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\eta D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}p\bar{\Delta}^{++})$	9044	8975	1	15738
9046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\omega\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0)$	9045	8976	1	15739
9047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^-D_2^{*+}D_s^{*-})$	1440	1437	1	15740
9048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	9047	8978	1	15741
9049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^-D^{*+})$	1441	1438	1	15742
9050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}D^{*0})$	9049	8980	1	15743
9051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^+\bar{D}^{*-}\gamma)$	9050	8981	1	15744
9052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\chi_{c1}, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0K_L\pi^+\pi^+\rho^-D^-\chi_{c1})$	1442	1439	1	15745
9053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0p$ $(e^+e^- \to K^+D^-\bar{D}^{*-}D^0\bar{\Delta}^0p)$	1443	1440	1	15746
9054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta D^-D^{*0})$	9053	8984	1	15747
9055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \eta K^-D^+n\bar{n}$ $(e^+e^- \to \rho^+\eta K^-D^+\bar{D}^{*-}n\bar{n})$	9054	8985	1	15748
9056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega D^-D^{*+})$	9055	7039	1	15749
9057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\omega D^+D_0^{*-})$	9056	8986	1	15750
9058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^+K^-\bar{D}^0n\bar{n}\chi_{c1})$	9057	8987	1	15751
9059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{p}\Delta^{++}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^{*-}D^+D^-\bar{p}\Delta^{++})$	9058	8988	1	15752
9060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	307	307	1	15753
9061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^0D^{*+}\bar{D}^{*-}D_s^{*+}n\bar{p})$	9060	8990	1	15754

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+} n\bar{\Sigma}_c^{*0})$	9061	8991	1	15755
9063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^- p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^* D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^* D^0 p\bar{\Lambda}_c^-)$	9062	8992	1	15756
9064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^+\bar{D}^{*-} n\bar{p})$	9063	8993	1	15757
9065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to \pi^0\rho^-\bar{K}^* D^+$ $(e^+e^- \to \pi^0\rho^-\rho^-\bar{K}^* D^+\bar{\Delta}^0\Sigma_c^+)$	9064	8994	1	15758
9066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{D}^{*-} D^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+ K^0\bar{K}^* D^- D^{*+}\bar{D}^{*-} D^0)$	9065	8995	1	15759
9067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\omega\eta'\bar{D}^{*0}, \bar{B}^0 \to \omega K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\omega\omega K^* K^{*-}\eta' D^{*+}\bar{D}^{*0})$	9066	8996	1	15760
9068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta D^{*+}\Delta^+\bar{\Sigma}_c^{*0})$	9067	8997	1	15761
9069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ D^-\bar{p}\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+ D^-\bar{p}\Delta^+ D_1^+)$	9068	8998	1	15762
9070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta' D^+ D_1'^-)$	9069	8999	1	15763
9071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^+, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^- D^- D_s^+)$	9070	9000	1	15764
9072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to e^+\nu_e K^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	9071	9001	1	15765
9073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^- D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^- D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda})$	9072	9002	1	15766
9074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\pi^+ K^0\bar{K}^0 D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+ K^0\bar{K}^0 D^-\Delta^0\bar{\Sigma}_c^{*0})$	1445	1442	1	15767
9075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	9074	9004	1	15768
9076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^+ D^- D^{*+})$	9075	8919	1	15769
9077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\bar{K}^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\eta D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\eta K^0\bar{K}^* D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^+)$	1446	1443	1	15770
9078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 D^{*+}\bar{D}^{*-} D_s^-)$	9077	9006	1	15771

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*\bar{K}^*D^-D^{*+})$	9078	9007	1	15772
9080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	9079	9008	1	15773
9081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\eta D^-D^-)$	9080	9009	1	15774
9082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega\eta' D^+\bar{D}^{*-})$	9081	9010	1	15775
9083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*0})$	9082	9011	1	15776
9084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+, \bar{B}^0 \to \pi^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-\eta K^-K^{*+}D^+D^+)$	9083	9012	1	15777
9085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \eta\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \eta\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_{s1}'^+)$	9084	9013	1	15778
9086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\rho^-K^0\bar{K}^0D^+D^-)$	9085	9014	1	15779
9087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-K^+D^+J/\psi)$	9086	9015	1	15780
9088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \eta D^0p\bar{p}$ $(e^+e^- \to \pi^0\rho^+\eta K^0\bar{K}^0D^-D^0p\bar{p})$	1447	1444	1	15781
9089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^*D^{*+}D^{*+})$	9088	9017	1	15782
9090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \phi D^+D_s^-$ $(e^+e^- \to \phi D^+\bar{D}^{*-}D_s^-D_{s1}'^+)$	1448	1445	1	15783
9091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\bar{K}^*D^+D^+\bar{D}^{*-})$	9090	9019	1	15784
9092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta K^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta K^0D^{*+}D_s^-)$	9091	9020	1	15785
9093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+D^-\bar{D}^{*-})$	9092	9021	1	15786
9094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta K^0\bar{K}^0K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0K^-D^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0\bar{K}^0\bar{K}^0K^-K^{*+}D^-\bar{D}^0D_s^{*+})$	9093	9022	1	15787
9095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0D^+D^-D_s^-)$	9094	9023	1	15788

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \pi^-\bar{K}^*\eta_c\Delta^+\bar{\Sigma}_c^{*0})$	9095	9024	1	15789
9097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-D^-D^{*+})$	9096	9025	1	15790
9098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\phi D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^+\phi D^{*+}D_s^-)$	9097	9026	1	15791
9099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	9098	9027	1	15792
9100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-D^+D^0D_s^-)$	9099	9028	1	15793
9101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-D^+\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^+\Delta^+\bar{\Delta}^{++})$	9100	9029	1	15794
9102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-D_s^{*+})$	9101	4653	1	15795
9103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	9102	9030	1	15796
9104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*-}J/\psi)$	9103	9031	1	15797
9105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}D^{*0})$	9104	9032	1	15798
9106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_LJ/\psi, \bar{B}^0 \to \rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \rho^0K_LK^*K^{*-}D^{*+}J/\psi)$	9105	9033	1	15799
9107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^+D^-D^{*+})$	9106	9034	1	15800
9108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^0\rho^0\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^+D^-D_0^{*-})$	9107	9035	1	15801
9109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0D^{*0}D^{*0})$	9108	9036	1	15802
9110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0D^{*+}\bar{D}^{*-})$	9109	9037	1	15803
9111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^-K^{*+}D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\omega\omega K^-K^{*+}D^-D^{*+})$	9110	9038	1	15804
9112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to e^+\nu_e\pi^0\omega D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0)$	9111	9039	1	15805

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-K^0D^+D^0\bar{D}^{*0})$	9112	9040	1	15806
9114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to K^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to K^0D_2^{*-}D^{*0}\bar{D}^{*0}D_s^+)$	9113	9041	1	15807
9115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Sigma}_c^0)$	9114	9042	1	15808
9116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+D^{*0}\bar{D}^{*0})$	1449	1446	1	15809
9117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0D_2^{*+}D_s^+D_s^{*-})$	9116	9044	1	15810
9118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^{*+}\bar{D}^{*0}D_s^{*-})$	1450	1447	1	15811
9119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+K^*D^{*+}\bar{D}^{*-})$	9118	9046	1	15812
9120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\rho^-D^+D^-)$	71	71	1	15813
9121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*+}\bar{\Sigma}^+\Sigma^-)$	9120	9048	1	15814
9122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_s^{*+}D_1'^+)$	9121	9049	1	15815
9123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}D_s^{*+}D_1^-)$	1452	1449	1	15816
9124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^0K^{*-}D^+D^{*+}a_1^-)$	9123	9051	1	15817
9125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\eta D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+\eta K^+\bar{D}^{*-}D^{*0}D^{*0}D_s^{*-})$	9124	9052	1	15818
9126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-\Delta^+\bar{\Delta}^+)$	9125	9053	1	15819
9127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^-D^-D^{*+}p\bar{p})$	9126	9054	1	15820
9128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta D^-D^{*+})$	9127	9055	1	15821
9129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to K^0D^{*0}\bar{D}^{*0}D_s^{*-}D_1^+)$	9128	9056	1	15822

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_S D^+\chi_{c1})$	9129	3375	1	15823
9131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^{*+}D^-D^{*+}D^0)$	9130	9057	1	15824
9132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \rho^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0K^*D^-D^0)$	9131	9058	1	15825
9133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega K^0K^+K^-D^{*+}\bar{D}^0)$	9132	9059	1	15826
9134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \rho^-D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}\bar{p}\Delta^+)$	9133	9060	1	15827
9135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}\bar{p}\Sigma_c^{*++})$	9134	9061	1	15828
9136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0D^-D^{*+})$	9135	9062	1	15829
9137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega K^0D^{*+}J/\psi)$	9136	9063	1	15830
9138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}D^{*0}J/\psi)$	9137	9064	1	15831
9139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^{*+}\bar{D}^{*0})$	9138	9065	1	15832
9140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0})$	9139	9066	1	15833
9141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+D^-\bar{D}^{*-}D_s^{*+}n\bar{n})$	9140	9067	1	15834
9142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\eta\eta\bar{K}^*K^{*+}D^{*+}D^{*+})$	9141	9068	1	15835
9143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^{*+}D^-\bar{D}^{*-}D^0D_s^+)$	9142	9069	1	15836
9144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	9143	6110	1	15837
9145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	9144	9070	1	15838
9146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+D^{*+}a_1^-)$	9145	9071	1	15839

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^+\rho^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\rho^-K^0\bar{K}^*D^0\bar{D}^0J/\psi)$	9146	9072	1	15840
9148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\chi_{c0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0K^+K^-D^{*0}\chi_{c0})$	9147	9073	1	15841
9149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega K^0\bar{K}^*D^-D^{*+})$	9148	9074	1	15842
9150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^+D^-\Delta^0\bar{\Delta}^+)$	9149	9075	1	15843
9151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0K^-D^{*+}\bar{D}^{*0})$	1453	1450	1	15844
9152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\omega D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+D^-D^{*+}\bar{p}\Delta^+)$	1454	1451	1	15845
9153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\rho^0D^-\bar{p}\Sigma_c^+)$	9152	9078	1	15846
9154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^+K^*K^-D^+\bar{D}^{*-}\psi')$	9153	9079	1	15847
9155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	9154	9080	1	15848
9156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^0)$	1455	1452	1	15849
9157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D^0\bar{D}^{*0}\Delta^0\bar{\Delta}^+)$	9156	9082	1	15850
9158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^0D^+D^{*+}\bar{D}^{*-})$	9157	9083	1	15851
9159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^-D^+D^-\bar{D}^{*0})$	309	309	1	15852
9160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega\bar{K}^0K^+D^-D_2^{*+})$	9159	9085	1	15853
9161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^*D_s^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^*D^+D_s^-)$	9160	9086	1	15854
9162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\omega D^-D^{*+})$	310	310	1	15855
9163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta\eta\omega K^{*+}D^+D^-D^0)$	9162	9088	1	15856

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\eta\omega$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^-)$	9163	9089	1	15857
9165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	9164	9090	1	15858
9166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\eta D^-D^0)$	9165	9091	1	15859
9167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\omega\bar{K}^*K^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\omega\bar{K}^*K^+D_1'^+)$	9166	9092	1	15860
9168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^+K^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0K^+K^-\bar{D}^{*-}D^0)$	9167	9093	1	15861
9169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0\eta_c, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0D^0D_s^{*-}\eta_c)$	9168	9094	1	15862
9170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\rho^-\omega K^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\rho^-\omega K^0\bar{D}^0D_0^{*+})$	9169	9095	1	15863
9171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\omega\bar{K}^0K^+D^-D^{*+}a_1^-)$	9170	9096	1	15864
9172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^0\bar{K}^*D^+D^-D_s^{*-})$	9171	9097	1	15865
9173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c'^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \bar{K}^0\bar{K}^0D^0\bar{D}^0n\bar{\Xi}_c'^0)$	9172	9098	1	15866
9174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\eta\eta\omega$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta\eta\omega D_2^{*-})$	9173	9099	1	15867
9175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+\bar{\Lambda}\Sigma_c^0)$	9174	9100	1	15868
9176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	9175	9101	1	15869
9177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	9176	9102	1	15870
9178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu X_u^+D^{*+})$	9177	9103	1	15871
9179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}\Sigma^-\bar{\Sigma}^0)$	9178	9104	1	15872
9180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^-\omega\omega K^+D^+D^-D^{*0})$	9179	9105	1	15873

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\omega\bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D_s^{*+})$	9180	9106	1	15874
9182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\Delta^+\bar{\Sigma}_c^{*--})$	9181	9107	1	15875
9183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta' D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^0\eta'\bar{D}^{*-}D^0)$	9182	9108	1	15876
9184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\bar{D}^{*-}D_1^+)$	1458	1455	1	15877
9185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^{*+}D^{*+}D_s^{*-}\Delta^-\bar{\Delta}^0)$	9184	9110	1	15878
9186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\omega K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^*\bar{K}^*D^-D^{*+})$	9185	9111	1	15879
9187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^-\eta D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\eta K^0\bar{K}^*K^+D^+D^-\bar{D}^0)$	9186	9112	1	15880
9188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}p\bar{\Lambda}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}p\bar{\Lambda})$	9187	9113	1	15881
9189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-K^0D^+D^0\bar{D}^0)$	9188	9114	1	15882
9190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+K^0D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+K^0D^{*+}D_s^-)$	1459	1456	1	15883
9191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^*, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^*D^{*+}\Delta^-\bar{n})$	9190	9116	1	15884
9192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*0})$	9191	9117	1	15885
9193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1^+, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0\bar{K}^*D^{*+}D_s^-D_1^+)$	9192	9118	1	15886
9194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0K^{*-}D^{*+}D^{*+})$	9193	9119	1	15887
9195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+D^{*+})$	9194	9120	1	15888
9196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta K^-D^+D^-D^-D_s^{*+})$	9195	9121	1	15889
9197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+D^-D^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta\eta K^+D^-D^{*+}D^0)$	9196	9122	1	15890

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^{*+}D^{*0}D_s^{*-})$	1460	1457	1	15891
9199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^{*+}\bar{D}^{*-}D_1'^-)$	9198	9124	1	15892
9200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^*K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0\bar{K}^*K^+K^+\bar{D}^{*-}D^{*0})$	1461	1458	1	15893
9201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-D^-\Delta^-\bar{\Delta}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-D^-D^{*+}D_s^{*-}\Delta^-\bar{\Delta}^0)$	9200	9126	1	15894
9202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^-K^{*+}D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*K^-K^{*+}D^-D^{*+}\bar{D}^{*-})$	9201	9127	1	15895
9203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	9202	9128	1	15896
9204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^0\eta'D^{*+}\bar{D}^{*0})$	9203	9129	1	15897
9205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0K^0K^{*-}D^{*+}D^{*+})$	9204	9130	1	15898
9206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\eta\omega K^{*+}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\omega\bar{K}^0K^{*+}D^-D^{*+})$	1462	1459	1	15899
9207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^+D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+D^-D^-D^{*0})$	1463	1460	1	15900
9208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^-\rho^-\bar{K}^*K^+D^+D^-a_1^+)$	9207	9133	1	15901
9209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\eta_c, B^0 \to \bar{D}^{*-}a_1^+$ $(e^+e^- \to K^*\bar{D}^{*-}\eta_ca_1^+)$	9208	9134	1	15902
9210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\rho^-\bar{D}^0D_s^{*+}\bar{\Delta}^+\Sigma_c^{++})$	9209	9135	1	15903
9211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^+D_s^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^+D_s^-)$	9210	9136	1	15904
9212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0a_1^+)$	9211	9137	1	15905
9213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^+D^-\bar{n}p)$	9212	9138	1	15906
9214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-K^*\bar{K}^*D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^*\bar{K}^*D^-D^-)$	9213	9139	1	15907

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to K_S J/\psi$ $(e^+e^- \to \rho^+\omega K_S D^- J/\psi)$	9214	9140	1	15908
9216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^- D^+ D_1^+)$	9215	9141	1	15909
9217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to K^0\bar{K}^0 D^0\bar{D}^0 D^{*0}\bar{D}^{*0})$	9216	9142	1	15910
9218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^0 D^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0)$	9217	9143	1	15911
9219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{*++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{p}\Sigma_c^{*++})$	9218	9144	1	15912
9220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \omega\omega K^0 K^{*-} D^+$ $(e^+e^- \to \omega\omega K^0\bar{K}^0 K^{*-} D^+ D^+\bar{D}^{*-})$	311	311	1	15913
9221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to K^*\bar{n}\Xi_c^0$ $(e^+e^- \to \pi^0\rho^+\eta K^* D^-\bar{n}\Xi_c^0)$	312	312	1	15914
9222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \rho^+ D^{*+} D_s^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	9221	9147	1	15915
9223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0 K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0 K^* K^{*-} D^+ D^- D_s^{*+})$	9222	9148	1	15916
9224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	9223	9149	1	15917
9225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \rho^+ D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to \pi^+\rho^+ D^- D^{*+}\Delta^-\bar{p})$	9224	9150	1	15918
9226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \eta\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\eta\omega\omega\bar{D}^{*-}D^{*0})$	9225	9151	1	15919
9227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{\prime 0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\Delta^0\bar{\Xi}_c^{\prime 0} D_1^-)$	9226	9152	1	15920
9228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to K^- D^{*+}\bar{D}^0 D_s^{*+} D_1^-)$	9227	9153	1	15921
9229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}D_{s1}^+)$	9228	9154	1	15922
9230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^-\psi', \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^- D^{*+}\psi')$	9229	9155	1	15923
9231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{K}^0 J/\psi, \bar{B}^0 \to \pi^0\pi^-\rho^- D^+\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0 D^+ J/\psi\bar{n}p)$	9230	9156	1	15924

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^- K^+\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^- K^+ D^{*+}\bar{D}^0 D_s^{*-})$	9231	9157	1	15925
9233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+D^- n\bar{p}, \bar{B}^0 \to D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^+D^+D^- np\bar{p}\bar{\Delta}^{++})$	9232	9158	1	15926
9234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+\rho^- D^- D^-)$	9233	9159	1	15927
9235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{p}\Sigma_c^{*++}D_1^-)$	1466	1463	1	15928
9236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^0 J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0 J/\psi D_1^-)$	9235	9161	1	15929
9237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+K^- J/\psi, \bar{B}^0 \to \pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\omega K^- D^{*0} J/\psi)$	9236	9162	1	15930
9238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	9237	9163	1	15931
9239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^{*+}D_2^{*-})$	9238	9164	1	15932
9240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^+ D^{*+}\bar{D}^{*-})$	9239	4911	1	15933
9241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\bar{n}\Sigma_c^0)$	9240	9165	1	15934
9242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	9241	9166	1	15935
9243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta K^{*-}D^+D^-\bar{D}^{*-})$	9242	9167	1	15936
9244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}D^0)$	9243	9168	1	15937
9245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K^0D^+\bar{D}^{*-}D^0D_s^-)$	9244	9169	1	15938
9246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{n}\Xi_c^{*0}$ $(e^+e^- \to \eta\omega K^0D^{*+}\bar{D}^{*-}\bar{n}\Xi_c^{*0})$	9245	9170	1	15939
9247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-})$	9246	8839	1	15940
9248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to D_s^- D_1'^+$ $(e^+e^- \to \eta\bar{D}^0D_s^-D_1'^+)$	9247	9171	1	15941

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^* D^+\eta_c)$	9248	9172	1	15942
9250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+K^0K^{*-}D^-D^{*+})$	9249	9173	1	15943
9251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \omega\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+})$	9250	9174	1	15944
9252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*0})$	9251	9175	1	15945
9253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^0\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-})$	9252	9176	1	15946
9254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^0D^+\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^-K^0D^+D^+\bar{D}^0)$	9253	9177	1	15947
9255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*0}D_s^+D_s^{*-})$	9254	9178	1	15948
9256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+D^{*+})$	9255	9179	1	15949
9257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^-\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	9256	9180	1	15950
9258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^{*-}D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\rho^-K^{*-}D^-\bar{D}^{*-}D^0)$	9257	9181	1	15951
9259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*K^-D^+D^+)$	9258	9182	1	15952
9260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*0}D_s^+)$	9259	9183	1	15953
9261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0D^-n\bar{\Lambda}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{K}^0D^-D^{*+}n\bar{\Lambda})$	9260	9184	1	15954
9262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0D_s^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0D^+D_s^{*+})$	9261	9185	1	15955
9263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-\rho^-\bar{D}^{*-}D^{*0})$	9262	9186	1	15956
9264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \rho^0\rho^-K^*\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-K^*\bar{K}^*K^-D^+\chi_{c1})$	9263	9187	1	15957
9265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{n}\Sigma_c^0)$	9264	9188	1	15958

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*0})$	9265	9189	1	15959
9267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega K^0K^-D^+\bar{D}^{*-})$	9266	9190	1	15960
9268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	9267	9191	1	15961
9269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-\omega D^+\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^+D^+\bar{D}^{*-}D^0\gamma)$	9268	9192	1	15962
9270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0K^{*+}D^-D^{*+})$	9269	9193	1	15963
9271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^+D^-D^0)$	9270	9194	1	15964
9272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\omega\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\bar{K}^*K^{*+}D^-D^0)$	1467	1464	1	15965
9273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta D^+D^-)$	9272	9196	1	15966
9274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\omega K^+D^0\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*-}D^0\bar{D}^0)$	9273	9197	1	15967
9275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta K^0\bar{K}^*D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0\bar{K}^*D^+D^{*0})$	1468	1465	1	15968
9276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+})$	9275	9199	1	15969
9277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-})$	9276	9200	1	15970
9278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta\omega D^+D^-)$	9277	9201	1	15971
9279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^-D^{*+}\bar{D}^{*-})$	9278	9202	1	15972
9280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+D^-\bar{\Delta}^-n)$	9279	9203	1	15973
9281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	1469	1466	1	15974
9282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*+})$	1470	1467	1	15975

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\rho^0\pi^- D^{*+}D_1^-)$	9282	9206	1	15976
9284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}D_2^{*-}D_s^{*+})$	9283	9207	1	15977
9285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	9284	9208	1	15978
9286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^+D^-D_s^+)$	9285	9209	1	15979
9287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	1471	1468	1	15980
9288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0\bar{K}^0D^-D^{*+})$	9287	9211	1	15981
9289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+})$	9288	9212	1	15982
9290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to K^*D^+D^+D^-D_{s1}^-)$	9289	9213	1	15983
9291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- D^+D^{*+}a_1^-)$	1472	1469	1	15984
9292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^- D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^+D^-D_s^+D_s^-)$	9291	9215	1	15985
9293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D^{*+}n\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}n\bar{\Lambda})$	9292	9216	1	15986
9294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	9293	9217	1	15987
9295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^-\bar{K}^0D^+\bar{D}^{*0})$	9294	9218	1	15988
9296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}p\bar{p})$	9295	9219	1	15989
9297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \mu^+\nu_\mu\pi^0D^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\pi^0D^-D_1'^-)$	9296	9220	1	15990
9298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^{*+}K^{*-}\bar{D}^{*-}D^0D^{*0}\bar{D}^{*0})$	9297	9221	1	15991
9299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \bar{D}^0n\bar{n}$ $(e^+e^- \to D^-\bar{D}^0n\bar{n}a_1^+)$	9298	9222	1	15992

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^+ n\bar{\Sigma}_c^{*0})$	9299	9223	1	15993
9301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^- n\bar{n}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^- D^{*+} n\bar{n})$	9300	9224	1	15994
9302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-} D_1^+)$	9301	9225	1	15995
9303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}^-, \bar{B}^0 \to \pi^0 K^0\bar{K}^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0 K^0\bar{K}^0 D^{*+} D^{*+} n\bar{p} D_{s1}^-)$	9302	9226	1	15996
9304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega K^0\bar{K}^* D^{*+}\bar{D}^{*-})$	9303	9227	1	15997
9305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to \pi^0 D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ D^- D^{*+}\Delta^-\bar{n})$	9304	9228	1	15998
9306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-}\gamma)$	9305	9229	1	15999
9307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D_s^- D_s^{*+}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^-\eta\eta\bar{K}^* D^{*+} D_s^- D_s^{*+})$	9306	9230	1	16000
9308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^{*+}, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega D^-\bar{D}^{*-} D_s^{*+})$	9307	9231	1	16001
9309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- K^+K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- K^+K^- D^{*+}\bar{D}^{*-})$	9308	9232	1	16002
9310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^- K^* K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^* K^- D^+ D^{*+}\bar{D}^{*-})$	9309	9233	1	16003
9311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^0\bar{D}^{*0})$	9310	9234	1	16004
9312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^+\omega D^- D^{*+} a_1^-)$	9311	9235	1	16005
9313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	1473	1470	1	16006
9314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta' D^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \rho^0\pi^+\eta' D^- D^{*+} D_s^-)$	9313	9237	1	16007
9315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{K}^0 K^* D^-, \bar{B}^0 \to \rho^- K^+K^- D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\bar{K}^0 K^* K^+K^- D^+ D^-)$	1474	1471	1	16008
9316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^0\bar{K}^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^* D^+\bar{D}^0)$	9315	9239	1	16009

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}D_2^{*-}D_s^+)$	9316	9240	1	16010
9318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\omega D^-\gamma, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \rho^+\rho^+\rho^-\eta\eta\omega K^0K^-D^-D^{*+}\gamma)$	9317	9241	1	16011
9319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	9318	9242	1	16012
9320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*0}\Delta^0\bar{\Lambda}_c^-)$	9319	9243	1	16013
9321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	9320	9244	1	16014
9322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Xi_c'^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{\Lambda}\Xi_c'^0D_1^-)$	9321	9245	1	16015
9323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^0D_{s1}'^+)$	9322	9246	1	16016
9324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+D^+\bar{D}^{*-})$	9323	9247	1	16017
9325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega D^+D^-)$	9324	9248	1	16018
9326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	9325	4706	1	16019
9327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \tau^+\nu_\tau D_1'^-$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}a_1^+D_1'^-)$	9326	9249	1	16020
9328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^{*-}D^{*+}\bar{D}^{*-})$	9327	9250	1	16021
9329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}D^{*0})$	1475	1472	1	16022
9330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+D^{*+}D_s^{*-})$	9329	9252	1	16023
9331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^+p\bar{\Sigma}_c^{--}$ $(e^+e^- \to \pi^-\rho^+\bar{D}^0D_s^{*+}p\bar{\Sigma}_c^{--})$	9330	9253	1	16024
9332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega D^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^+D^-\bar{D}^{*-})$	9331	9254	1	16025
9333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \rho^0\rho^+D^-D^0n\bar{\Delta}^0)$	9332	9255	1	16026

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Lambda_c^+)$	9333	9256	1	16027
9335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^+D_0^{*-})$	9334	9257	1	16028
9336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+D^0D_s^{*-}n\bar{\Sigma}_c^0)$	9335	9258	1	16029
9337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^*D^{*+}D^{*0}\bar{D}^{*0}a_1^-)$	9336	9259	1	16030
9338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0})$	9337	9260	1	16031
9339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+D^-)$	9338	9261	1	16032
9340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+\Delta^0\bar{\Sigma}_c^-)$	9339	9262	1	16033
9341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^{*-}\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta K^{*-}\bar{D}^{*-}\bar{D}^0D^{*0})$	1476	1473	1	16034
9342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0D^-D_2^{*+}D_s^+D_s^{*-})$	9341	9264	1	16035
9343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \bar{D}^{*-}D_{s1}'^+$ $(e^+e^- \to \rho^+D^-\bar{D}^{*-}D_{s1}'^+)$	9342	9265	1	16036
9344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^0p\bar{\Sigma}_c^{--})$	9343	9266	1	16037
9345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\omega\bar{K}^0D^+D^+\bar{D}^{*-})$	9344	9267	1	16038
9346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega\omega\bar{K}^0D^+\bar{D}^{*-})$	9345	9268	1	16039
9347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\omega D^+D^-)$	9346	9269	1	16040
9348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+D^-D_{s1}'^+)$	9347	9270	1	16041
9349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta'D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\eta'D^{*+}D^0)$	9348	9271	1	16042
9350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^+K^-D^{*+}\bar{D}^{*-}D^{*0})$	9349	9272	1	16043

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+D^{*+}\bar{D}^{*-}D_s^{*-})$	9350	7364	1	16044
9352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-D^{*+})$	9351	9273	1	16045
9353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\rho^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\omega K^{*+}D^{*+}\bar{D}^0)$	9352	9274	1	16046
9354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	1477	1474	1	16047
9355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}D^0D_s^-)$	9354	9276	1	16048
9356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{D}^0D_s^+D_1'^+)$	9355	9277	1	16049
9357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\rho^+K^{*-}D^0$ $(e^+e^- \to \rho^0\rho^+K^{*-}\bar{D}^{*-}D^0\bar{n}p)$	9356	9278	1	16050
9358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma$ $(e^+e^- \to \rho^+\bar{D}^{*-}D_2^{*-}D_s^{*+}\gamma)$	9357	9279	1	16051
9359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+\eta\omega\bar{D}^{*-}D^0D_s^-)$	9358	9280	1	16052
9360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}\gamma)$	9359	9281	1	16053
9361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}n\bar{\Delta}^0, B^0 \to \bar{K}^*K^+K^-K^{*+}D^-$ $(e^+e^- \to \bar{K}^*K^+K^-K^{*+}D^-\bar{D}^{*0}n\bar{\Delta}^0)$	9360	9282	1	16054
9362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^-D^{*+}\bar{n}\Delta^0)$	9361	9283	1	16055
9363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+K^0K^{*-}D^+D^-)$	9362	9284	1	16056
9364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^0\rho^+\rho^-K^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0K^+\bar{D}^{*-}D^{*0})$	9363	9285	1	16057
9365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}a_1^-)$	9364	9286	1	16058
9366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	9365	9287	1	16059
9367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^+\bar{D}^{*-}D_2^{*+}D_s^-)$	9366	9288	1	16060

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega\omega D^+\bar{D}^{*-})$	9367	9289	1	16061
9369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-})$	9368	9290	1	16062
9370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \omega D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\omega D^-D^0\bar{D}^{*0})$	9369	9291	1	16063
9371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-K^+D^+D^{*0}\bar{D}^{*0})$	9370	9292	1	16064
9372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^+D_2^{*-}D_s^+\Delta^-\bar{\Delta}^0)$	9371	9293	1	16065
9373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta K^{*+}D^+\bar{D}^{*-})$	9372	9294	1	16066
9374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^-\omega K^-K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^-K^{*+}D^+D^-D_s^+)$	9373	9295	1	16067
9375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^0\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta K^0\bar{K}^*D^+D^-)$	9374	9296	1	16068
9376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^-K^+D^{*+}D^0\bar{D}^{*0}D_s^-)$	9375	9297	1	16069
9377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^-n\bar{n})$	9376	9298	1	16070
9378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+\bar{D}^0D_s^+)$	9377	9299	1	16071
9379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^-\bar{D}^{*-}D_s^+)$	9378	9300	1	16072
9380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	9379	9301	1	16073
9381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^{*+})$	1478	1475	1	16074
9382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{D}^{*-}D^{*0}n\bar{n})$	9381	9303	1	16075
9383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\omega D^+D^-)$	1479	1476	1	16076
9384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^-K^*D^+D^{*+}\bar{D}^{*-})$	1480	1477	1	16077

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\bar{K}^0\bar{D}^{*-}D_s^{*+}\bar{n}p)$	9384	9306	1	16078
9386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^+\eta K^*K^{*-}D^+\bar{D}^{*-})$	9385	9307	1	16079
9387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+})$	313	313	1	16080
9388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^{*-}\phi D^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta K^*K^{*-}\phi D^+D^+)$	9387	9309	1	16081
9389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^+K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+K^-D^+\bar{D}^0)$	9388	9310	1	16082
9390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-D^+\bar{D}^{*-}n\bar{n})$	9389	9311	1	16083
9391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^+D^-\bar{D}^{*0})$	9390	9312	1	16084
9392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\omega D^-\bar{D}^{*-})$	9391	7700	1	16085
9393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*+})$	9392	9313	1	16086
9394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^0D_s^+)$	9393	9314	1	16087
9395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-})$	9394	9315	1	16088
9396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}p\bar{p})$	9395	9316	1	16089
9397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{D}^{*0}D_s^{*+})$	9396	9317	1	16090
9398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*D^+\bar{D}^{*-}D^{*0})$	314	314	1	16091
9399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^0K^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^0K^0\bar{D}^{*-}D_s^+\psi(3770))$	9398	9319	1	16092
9400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0K^-D^+D_2^{*-}D_s^+)$	9399	9320	1	16093
9401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^{*+}D^-D^-D^{*0})$	9400	9321	1	16094

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta D^- D_2^{*+}D_s^{*-})$	9401	9322	1	16095
9403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^+ D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^+ D^{*+}D_s^-)$	9402	9323	1	16096
9404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^+\pi^-D^-n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-}D^{*0}n\bar{n})$	9403	9324	1	16097
9405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^-)$	9404	9325	1	16098
9406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\omega D^0$ $(e^+e^- \to \rho^0\omega\bar{D}^{*-}D^0D_s^{*+})$	9405	9326	1	16099
9407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	9406	9327	1	16100
9408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to \pi^-K^+\eta_c$ $(e^+e^- \to \pi^-K^+D^-\eta_c D_{s0}^{*+})$	9407	9328	1	16101
9409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^+D^{*+}D_s^-)$	9408	9329	1	16102
9410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega\bar{K}^*K^+D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\omega\omega K^0\bar{K}^*K^+\bar{D}^{*-}D^0)$	9409	9330	1	16103
9411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^0)$	9410	9331	1	16104
9412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^+\bar{K}^0D^-\bar{\Delta}^+\bar{\Sigma}^+\Sigma^-\Lambda_c^+)$	315	315	1	16105
9413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\bar{n}p)$	9412	9333	1	16106
9414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\eta D^+n\bar{\Lambda}_c^-)$	9413	9334	1	16107
9415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\bar{D}^{*-}D_1^+)$	9414	9335	1	16108
9416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+D_1^-)$	1484	1481	1	16109
9417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+})$	9416	9337	1	16110
9418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0K^0K^{*-}D^{*+}D_0^{*-})$	9417	9338	1	16111

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}^+)$	9418	9339	1	16112
9420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\bar{D}^{*0}D_s^{*-})$	9419	9340	1	16113
9421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^+\eta D^0D_s^-$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^0D_s^-\Delta^0\bar{\Xi}_c'^0)$	9420	9341	1	16114
9422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Xi}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}n\bar{\Xi}_c^-)$	9421	9342	1	16115
9423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^+D_2^{*-})$	9422	9343	1	16116
9424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}D^0)$	9423	9344	1	16117
9425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\eta_c$ $(e^+e^- \to \pi^+\pi^-D^+D_s^-\eta_c)$	9424	9345	1	16118
9426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Sigma}^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^0p\bar{\Sigma}^-)$	9425	9346	1	16119
9427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+K^-\bar{D}^{*-}D^{*0}D_1'^-)$	9426	9347	1	16120
9428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0K^0\eta_c, B^0 \to \pi^+\rho^+K^0K^-D^-$ $(e^+e^- \to \rho^0\pi^+\rho^+K^0K^0K^-D^-\eta_c)$	9427	9348	1	16121
9429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+K^+K^-D^+\bar{D}^{*-})$	9428	9349	1	16122
9430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\rho^+D^-D^{*+}D_s^{*-})$	9429	9350	1	16123
9431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	9430	9351	1	16124
9432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-D^{*+}D^{*+}D_{s1}'^-)$	9431	9352	1	16125
9433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^+\bar{D}^{*-}\bar{p}\Delta^{++})$	9432	9353	1	16126
9434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-})$	9433	9354	1	16127
9435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\omega D^{*+}\bar{D}^0)$	9434	9355	1	16128

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\bar{K}^0\bar{D}^{*-}D^0)$	1485	1482	1	16129
9437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-K^-K^{*+}D^+\bar{D}^{*-})$	9436	9357	1	16130
9438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^*\bar{K}^*K^+D^-D^{*+})$	9437	9358	1	16131
9439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	9438	9359	1	16132
9440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^0D^0, \bar{B}^0 \to \pi^0\rho^-\omega K^0\bar{K}^0\bar{K}^0\bar{K}^*K^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega K^0\bar{K}^0\bar{K}^0\bar{K}^0\bar{K}^*K^+D^0)$	9439	9360	1	16133
9441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^+\omega K^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	9440	9361	1	16134
9442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D^+\bar{D}^0D_{s1}'^-)$	1486	1483	1	16135
9443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^0K^-D^{*+}\bar{D}^{*-})$	9442	9363	1	16136
9444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+})$	9443	9364	1	16137
9445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^+D^{*0}\bar{D}^{*0}D_s^{*-})$	9444	9365	1	16138
9446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^{*+}\bar{D}^{*0})$	9445	9366	1	16139
9447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^-\omega\bar{K}^*K^+D^+D^-)$	9446	9367	1	16140
9448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+K^+K^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0K^+K^-D^0\bar{D}^0)$	9447	9368	1	16141
9449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	1487	1484	1	16142
9450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0D^+D^-\bar{D}^0)$	9449	9370	1	16143
9451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to e^+\nu_eK^0K^{*-}D^+\bar{D}^{*-})$	9450	9371	1	16144
9452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+D^-\bar{D}^{*-})$	1488	1485	1	16145

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^+\bar{D}^{*-})$	9452	9373	1	16146
9454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^0)$	9453	9374	1	16147
9455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0D^-D^{*+})$	9454	9375	1	16148
9456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}a_1^+)$	9455	9376	1	16149
9457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^{*+}D^{*0})$	9456	9377	1	16150
9458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\eta D^{*+}D^{*+})$	9457	9378	1	16151
9459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^*K^+D^-, B^0 \to \pi^0\pi^-\rho^-K^+D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\bar{K}^*K^+K^+D^+D^-\bar{D}^0)$	9458	9379	1	16152
9460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^-D^{*+}\gamma)$	9459	9380	1	16153
9461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^*K^-\phi\bar{D}^{*-}D_s^{*+})$	9460	9381	1	16154
9462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \pi^-\rho^-\omega K^+K^+K^-D^+D^{*+}\bar{D}^{*-})$	9461	9382	1	16155
9463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^0K^-D^+D^+D^-)$	9462	9383	1	16156
9464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+D^{*0}\bar{D}^{*0}p\bar{p})$	9463	9384	1	16157
9465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*\bar{D}^0D_s^+\eta_c)$	9464	9385	1	16158
9466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*K^-K^{*+}D^+D^-)$	9465	9386	1	16159
9467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-K^+D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	9466	9387	1	16160
9468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega K^+K^-D^{*+}\bar{D}^{*-})$	9467	9388	1	16161
9469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\omega D^-D^{*+})$	9468	9389	1	16162

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^{*+} \bar{D}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \rho^- K^0 D^{*+} \bar{D}^0 D_0^{*+})$	1489	1486	1	16163
9471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-})$	1490	1487	1	16164
9472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^- \bar{D}^0 D_s^+$ $(e^+e^- \to \pi^- \bar{D}^{*-} \bar{D}^0 D_s^+ D_s^{*+})$	9471	9392	1	16165
9473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^- D^+ \bar{D}^0 D_s^{*+})$	9472	9393	1	16166
9474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \rho^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^+\pi^-\rho^- K^- K^{*+} D^+ D^- D_s^+)$	9473	9394	1	16167
9475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \bar{n} \Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta \bar{D}^{*-} \bar{n} \Sigma_c^0)$	9474	9395	1	16168
9476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+ K^- D^+ D^-$ $(e^+e^- \to e^- \bar{\nu}_e \pi^+ K^- D^+ D^- D^{*+})$	9475	9396	1	16169
9477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^- p\bar{p}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^0 K^{*-} D^- D^{*+} p\bar{p})$	9476	9397	1	16170
9478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \Delta^+ \bar{\Xi}_c^0, \bar{B}^0 \to e^- \bar{\nu}_e D^+$ $(e^+e^- \to e^- \bar{\nu}_e \pi^- D^+ \Delta^+ \bar{\Xi}_c^0)$	9477	9398	1	16171
9479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^{*+} K^{*-} \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s0}^{*-}$ $(e^+e^- \to \rho^+ K^{*+} K^{*-} D^{*+} \bar{D}^{*-} D_{s0}^{*-})$	9478	9399	1	16172
9480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+ \nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^+$ $(e^+e^- \to e^+ \nu_e \pi^0\pi^0\rho^0\rho^- D^+ D^-)$	9479	9400	1	16173
9481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega K^0 K^- K^{*+}, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\eta\omega K^0 K^- K^{*+} D^+ D_s^-)$	9480	9401	1	16174
9482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+ \bar{D}^{*-}, B^0 \to \pi^0\eta \bar{D}^{*-} \bar{\Sigma}^0 \Sigma^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta \bar{D}^{*-} \bar{D}^{*-} \bar{\Sigma}^0 \Sigma^+)$	9481	9402	1	16175
9483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega \bar{D}^{*-} D_s^+, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \omega D^{*+} \bar{D}^{*-} D_s^+)$	9482	9403	1	16176
9484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*+} D_s^-, \bar{B}^0 \to \pi^0\rho^-\eta \bar{K}^0 K^* D^+$ $(e^+e^- \to \pi^0\rho^-\eta\omega \bar{K}^0 K^* D^+ D^{*+} D_s^-)$	9483	9404	1	16177
9485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta \bar{D}^{*-}, \bar{B}^0 \to K^- D^+ \bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\eta K^- D^+ \bar{D}^{*-} \bar{D}^0)$	1491	1488	1	16178
9486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^- D^+ \Delta^0 \bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^-\omega \bar{K}^0 K^+ D^+ D^- \Delta^0 \bar{\Delta}^0)$	9485	9406	1	16179

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^+J/\psi)$	9486	9407	1	16180
9488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \omega D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\eta\omega D^+D^{*+}\bar{D}^{*-})$	9487	9408	1	16181
9489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	9488	9409	1	16182
9490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^+, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^-\eta\bar{K}^*K^-D^+D^{*+})$	9489	9410	1	16183
9491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0})$	1492	1489	1	16184
9492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^0D_s^{*+}D_1^-)$	9491	9412	1	16185
9493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^+\rho^-K^-D_s^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\omega\omega K^-\bar{D}^{*-}D_s^+)$	1493	1490	1	16186
9494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^-\omega D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-\omega D^{*+}D^{*+}p\bar{p}D_{s1}'^-)$	9493	9414	1	16187
9495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^0K^0\bar{K}^0K^-D^+\bar{D}^{*-})$	9494	9415	1	16188
9496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_1'^+)$	9495	9416	1	16189
9497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0D^-\bar{\Delta}^0\Delta^+, B^0 \to \pi^0\pi^-K^{*+}\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^{*+}D^-\bar{D}^0D^{*0}\bar{\Delta}^0\Delta^+)$	9496	9417	1	16190
9498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}\gamma)$	9497	9418	1	16191
9499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\omega\omega\bar{K}^0K^+D^-D^{*+})$	9498	9419	1	16192
9500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	1494	1491	1	16193
9501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+D^-\bar{D}^{*-}D_s^+)$	9500	9421	1	16194
9502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^-\omega\omega D^+D^{*+})$	1495	1492	1	16195
9503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-K^+K^-D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-K^+K^-D^-D_2^{*+}D_s^-)$	9502	9423	1	16196

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{D}^{*-}D^0)$	9503	9424	1	16197
9505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-D^+D^-p\bar{p})$	9504	9425	1	16198
9506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\omega\omega D^+\bar{D}^{*-})$	9505	9426	1	16199
9507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}\Delta^+\bar{\Delta}^+)$	9506	9427	1	16200
9508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^+K^+K^-\bar{D}^{*-}D^0)$	9507	9428	1	16201
9509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^0, \bar{B}^0 \to \eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta K^0K^{*-}D^{*+}D^0)$	1496	1493	1	16202
9510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta D^+p\bar{\Lambda}_c^-)$	9509	9430	1	16203
9511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^{*-}D^+\bar{D}^{*-})$	9510	9431	1	16204
9512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^0\bar{\Sigma}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}\Delta^0\bar{\Sigma}^{*+})$	9511	9432	1	16205
9513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0K^*p\bar{p}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-K^*D^{*0}p\bar{p})$	9512	9433	1	16206
9514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}\bar{n}p)$	9513	9434	1	16207
9515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0D^+D^+D_s^{*-}n\bar{p})$	9514	9435	1	16208
9516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\omega, \bar{B}^0 \to \eta\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\omega\omega D^{*0})$	9515	9436	1	16209
9517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \omega K^{*+}K^{*-}D^0$ $(e^+e^- \to \rho^-\omega K^{*+}K^{*-}D^+D^0)$	9516	9437	1	16210
9518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK^*D^-D^{*+}\bar{D}^{*-})$	9517	9438	1	16211
9519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^*\bar{D}^{*-}J/\psi)$	9518	9439	1	16212
9520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta\omega\omega D^-\bar{n}\Sigma_c^0)$	9519	9440	1	16213

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_2^{*+}\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^- D^{*+}D_2^{*+}n\bar{n}\gamma)$	9520	9441	1	16214
9522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	9521	9442	1	16215
9523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-, \bar{B}^0 \to \rho^- K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^{*+}K^{*-}D^-D^{*+})$	9522	9443	1	16216
9524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^-)$	9523	9444	1	16217
9525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^0\bar{K}^0 D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^0\bar{K}^0 D_s^{*+}D_1^+)$	9524	9445	1	16218
9526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0K^+p\bar{\Sigma}_c^{*--}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^+\bar{D}^{*-}p\bar{\Sigma}_c^{*--})$	1497	1494	1	16219
9527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^*D_2^{*-}\eta_c)$	9526	9447	1	16220
9528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi(3770), \bar{B}^0 \to \pi^0\rho^- D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0D^{*+}p\bar{p}\psi(3770))$	9527	9448	1	16221
9529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\omega D^{*+}\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^-D^{*+}\Delta^{++}\bar{\Delta}^{++})$	9528	9449	1	16222
9530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	9529	9450	1	16223
9531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to K^*K^-D^{*+}\bar{D}^{*-}a_1^+\gamma)$	1498	1495	1	16224
9532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^-\eta K^+K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta K^+K^{*-}D^+D_1^-)$	9531	9452	1	16225
9533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\omega K^*K^{*-}D^-D^{*+})$	9532	9453	1	16226
9534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\omega K^0K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\omega K^0K^{*-}D^-D_0^{*+})$	9533	9454	1	16227
9535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-})$	1499	1496	1	16228
9536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \omega D_2^{*+}D_s^{*-}n\bar{\Sigma}_c^0)$	9535	9456	1	16229
9537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\eta D^{*+}\bar{D}^{*-})$	1500	1497	1	16230

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega\eta' D^{*+}\bar{D}^{*-})$	9537	9458	1	16231
9539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\eta\eta K^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^+K^-J/\psi$ $(e^+e^- \to \rho^0\rho^0\rho^+\eta\eta\eta K^0K^-\bar{D}^0J/\psi)$	9538	9459	1	16232
9540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0D^{*+}D^{*+})$	9539	9460	1	16233
9541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	1501	1498	1	16234
9542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \rho^0\rho^+D^-$ $(e^+e^- \to \rho^0\rho^+\rho^+D^-D^-)$	9541	9462	1	16235
9543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-}n\bar{p})$	9542	9463	1	16236
9544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}\bar{D}^{*-})$	9543	9464	1	16237
9545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-K^*\bar{K}^*D^+D^-)$	9544	9465	1	16238
9546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{K}^*D^-D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{K}^*\bar{K}^*D^-\bar{D}^{*-}D_s^+)$	9545	9466	1	16239
9547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^+D_2^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	9546	9467	1	16240
9548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}D_1^-)$	9547	9468	1	16241
9549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Xi}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+\Sigma^{*0}\bar{\Xi}_c^{*-})$	9548	9469	1	16242
9550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*-})$	9549	9470	1	16243
9551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+K^-D^-D^{*+}\bar{D}^0)$	9550	9471	1	16244
9552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to D^-D_s^-D_1^+D_{s1}^+)$	1502	1499	1	16245
9553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^*K^-D^+\bar{D}^{*-})$	1503	1500	1	16246
9554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega K^0K^-D^+\bar{D}^{*-})$	9553	9474	1	16247

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0 D_s^{*-}, \bar{B}^0 \to \pi^0\omega K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega K^0K^+K^-D^{*0}D_s^{*-})$	9554	9475	1	16248
9556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_s^{*+}\bar{n}\Lambda_c^+)$	1504	1501	1	16249
9557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\psi', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L D_1^+\psi')$	9556	9477	1	16250
9558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to e^+\nu_e D_1'^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}a_1^+D_1'^-)$	9557	9478	1	16251
9559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+D^-n\bar{n})$	9558	9479	1	16252
9560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^0\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta K^0K^{*-}D^{*+}D^0\bar{D}^{*0}\bar{D}^{*0})$	9559	9480	1	16253
9561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D^0\bar{\Sigma}^0\Xi^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-D^0\bar{\Sigma}^0\Xi^0)$	9560	9481	1	16254
9562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	9561	9482	1	16255
9563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+K^-\bar{D}^{*-}D^{*0})$	9562	9483	1	16256
9564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\omega D^-\bar{D}^{*-})$	9563	9484	1	16257
9565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0\bar{K}^*D^-D^{*+}D_s^+)$	9564	9485	1	16258
9566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \rho^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-\rho^-K^+K^-D^{*+}\bar{D}^{*0}D_s^+)$	9565	9486	1	16259
9567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^*D^-D^{*+}D^{*+})$	9566	9487	1	16260
9568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D_s^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-D^+D_s^+D_s^-)$	9567	9488	1	16261
9569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0})$	9568	9489	1	16262
9570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\psi', \bar{B}^0 \to \pi^+\rho^+K^-D^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^+K^-D^-D^0\psi')$	9569	9490	1	16263
9571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta'D^+D^-)$	9570	9491	1	16264

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^+\rho^-\omega K^0\bar{K}^0 D^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\omega K^0\bar{K}^0 D^- D^{*0})$	9571	9492	1	16265
9573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma_c^{*0})$	9572	9493	1	16266
9574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	9573	9494	1	16267
9575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0})$	1505	1502	1	16268
9576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^0)$	9575	9496	1	16269
9577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \omega\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^0D^-D^-D^{*+})$	9576	9497	1	16270
9578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \rho^+\rho^+\rho^-\rho^-D^+D^-n\bar{n})$	9577	9498	1	16271
9579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*+})$	9578	9499	1	16272
9580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+K^0K^{*-}D^+\bar{D}^{*-})$	9579	9500	1	16273
9581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+D^-D_s^-)$	9580	9501	1	16274
9582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	9581	412	1	16275
9583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-)$	9582	9502	1	16276
9584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^-D^{*+}p\bar{p})$	9583	9503	1	16277
9585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\Delta^+\bar{\Xi}_c'^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\eta\phi D^+\Delta^+\bar{\Xi}_c'^-)$	9584	9504	1	16278
9586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^0)$	9585	9505	1	16279
9587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^+D^-\bar{D}^0D^{*0})$	9586	9506	1	16280
9588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-})$	9587	9507	1	16281

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^- K^* D^+ n\bar{\Sigma}_c^{*0})$	72	72	1	16282
9590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^0\bar{K}^0 D^{*+} D_1'^-)$	9589	9509	1	16283
9591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	9590	9510	1	16284
9592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^+K^0K^0K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\omega K^0K^0K^{*-}D^-\bar{D}^{*-})$	9591	9511	1	16285
9593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^-K^{*+}D^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \bar{K}^0K^+K^-K^-K^{*+}D^+D^-\bar{D}^0)$	9592	9512	1	16286
9594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^+D^0\bar{D}^0)$	9593	9513	1	16287
9595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^0D^+\bar{D}^{*-}D_{s1}'^+)$	9594	9514	1	16288
9596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\omega\omega D^-\bar{D}^{*-})$	9595	9515	1	16289
9597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-D^0, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^+\eta D^-D^{*+}D^0\Sigma^-\bar{\Sigma}^0)$	9596	9516	1	16290
9598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^+\omega\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega\omega D^-D_1'^-)$	1507	1504	1	16291
9599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+D^-D_{s0}^{*+}a_1^-)$	9598	9518	1	16292
9600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^-\omega D^{*+}D^{*+})$	9599	9519	1	16293
9601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	1508	1505	1	16294
9602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	1509	1506	1	16295
9603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\bar{K}^0D^-D^-D^{*+})$	9602	9522	1	16296
9604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta'\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta'D^{*+}\bar{D}^0)$	9603	9523	1	16297
9605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0D^{*+}\bar{D}^0D^{*0})$	9604	9524	1	16298

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^*J/\psi, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^*D^-J/\psi)$	1510	1507	1	16299
9607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \rho^-\rho^-K^+D^+$ $(e^+e^- \to \rho^-\rho^-K^+K^+D^+\bar{D}^{*-}D^{*0})$	9606	9526	1	16300
9608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\omega\omega\eta'D^{*+}\bar{D}^{*-}D_s^-)$	9607	9527	1	16301
9609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{D}^{*-}p\bar{p})$	9608	9528	1	16302
9610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^-\eta\omega D^+\bar{D}^{*-}D_s^{*+})$	9609	9529	1	16303
9611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \rho^0\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^0D^{*0})$	9610	9530	1	16304
9612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+\Delta^0\bar{\Sigma}_c^{*0})$	1511	1508	1	16305
9613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to K^*D^-D^{*+}J/\psi\bar{K}_1^0)$	9612	9532	1	16306
9614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^-D^+D^-\bar{D}^0)$	9613	9533	1	16307
9615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta K^-D^-D^{*+}\bar{D}^{*0})$	9614	9534	1	16308
9616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\eta\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\eta D^-\bar{D}^{*-})$	9615	9535	1	16309
9617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\bar{K}^0D_s^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^{*+})$	9616	9536	1	16310
9618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0\bar{D}^{*-}p\bar{\Lambda}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \eta\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*-}p\bar{\Lambda})$	9617	9537	1	16311
9619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^+\omega K^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^+\omega\omega K^+K^-K^-\bar{D}^{*-})$	9618	9538	1	16312
9620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0D^+D^-D^{*+})$	9619	4585	1	16313
9621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, B^0 \to \pi^0\rho^+K^-K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+K^-K^{*+}\eta'D^-\bar{D}^{*-})$	1512	1509	1	16314
9622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^-K^0K^-D^+\bar{D}^0D_s^{*+})$	9621	9540	1	16315

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\rho^- K^0\bar{K}^* D^+$ $(e^+e^- \to \rho^0\pi^-\rho^- K^0\bar{K}^* D^+ p\bar{\Sigma}_c^{*0})$	9622	9541	1	16316
9624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	9623	9542	1	16317
9625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^+ D^+\bar{D}^{*-}D^0)$	9624	9543	1	16318
9626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D_s^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}D_s^+ D_s^{*-})$	9625	9544	1	16319
9627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\omega D^- D^{*+})$	9626	9545	1	16320
9628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^+ D^-, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \rho^0 K^0 D^+ D^- D_s^- D_1^+)$	9627	9546	1	16321
9629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ K^0 K^0 D_s^-, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^0 K^0 D^{*+} D_s^- n\bar{p})$	9628	9547	1	16322
9630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ K^+ K^{*-} D^-, \bar{B}^0 \to \rho^0 K^- D^+\bar{D}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+ K^+ K^- K^{*-} D^+ D^-\bar{D}^0)$	9629	9548	1	16323
9631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\rho^+\rho^-\rho^- D^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-\omega D^- D^{*0})$	9630	9549	1	16324
9632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^+ D^+\bar{p}\Sigma^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^+ D^+ D^-\bar{p}\Sigma^{*-})$	9631	9550	1	16325
9633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^-\pi^- D^{*+}\bar{n}p$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\pi^- D^{*+} D_2^{*-}\bar{n}p)$	9632	9551	1	16326
9634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+ D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	9633	9552	1	16327
9635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+ D^- D_{s1}'^+)$	9634	9553	1	16328
9636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^-\bar{D}^{*0})$	9635	9554	1	16329
9637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0} n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-} D^{*0} n\bar{\Delta}^0)$	9636	9555	1	16330
9638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^- D^-\Delta^{++}\bar{\Sigma}^0, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0 K^- D^+ D^- D_s^{*-}\Delta^{++}\bar{\Sigma}^0)$	9637	9556	1	16331
9639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{K}^0 D^-\bar{D}^{*-} D^{*0})$	9638	9557	1	16332

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+D^-\bar{\Sigma}^+\Sigma^0)$	9639	9558	1	16333
9641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{K}^0K^*D^-D^{*+})$	9640	9559	1	16334
9642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta\omega D^+\bar{D}^{*-})$	9641	9560	1	16335
9643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	9642	9561	1	16336
9644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+K^0\bar{K}^0D^-D^{*+}a_1^-)$	9643	9562	1	16337
9645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	9644	9563	1	16338
9646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+K^-D^{*+}D_2^{*-}D_s^{*+})$	9645	9564	1	16339
9647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^+D^-)$	9646	9565	1	16340
9648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0nn\bar{\Delta}^0\bar{p})$	9647	9566	1	16341
9649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^+\pi^-\omega K^*\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^*D^-\bar{D}^{*0})$	9648	9567	1	16342
9650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^-\omega D^-\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega\omega D^-\bar{D}^{*-}\bar{n}p)$	9649	9568	1	16343
9651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\Delta^+\bar{\Delta}^+)$	9650	9569	1	16344
9652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^{*+}\bar{p}\Omega_c^0$ $(e^+e^- \to \pi^0\bar{K}^0K^{*+}K^{*+}D^-\bar{p}\Omega_c^0)$	9651	9570	1	16345
9653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^*K^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega\bar{K}^*K^+D^+)$	9652	9571	1	16346
9654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	9653	9572	1	16347
9655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}D_1^-)$	9654	9573	1	16348
9656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \rho^0\rho^-K^0K^{*-}D^+D^+)$	9655	9574	1	16349

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+\omega D^{*0} D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega D^{*0} D^{*0} D_s^-)$	9656	9575	1	16350
9658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \bar{K}^0 a_0^0$ $(e^+e^- \to \bar{K}^0 D^- a_1^+ a_0^0)$	9657	9576	1	16351
9659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+} D_s^- D_0^{*-})$	9658	9577	1	16352
9660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+\eta\bar{D}^0, \bar{B}^0 \to \pi^+ K^- \bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta K^- \bar{D}^0\bar{D}^0 D^{*0})$	9659	9578	1	16353
9661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\Lambda\bar{\Sigma}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-}\Lambda\bar{\Sigma}^0 D_1'^+)$	9660	9579	1	16354
9662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\pi^- D^+ D^{*+})$	9661	9580	1	16355
9663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\omega D^+\bar{D}^{*-})$	9662	9581	1	16356
9664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0 D^- D^{*+} D_s^{*+}\Delta^-\bar{\Delta}^0)$	9663	9582	1	16357
9665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Sigma}_c^-, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\bar{K}^* D^+ D^- n\bar{\Sigma}_c^-)$	9664	9583	1	16358
9666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega\bar{D}^{*0} D_1^+)$	9665	9584	1	16359
9667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	9666	9585	1	16360
9668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega D^+ D^- D_s^+)$	9667	9586	1	16361
9669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^0)$	1513	1510	1	16362
9670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\bar{K}^* K^+\bar{D}^{*-} D_2^{*+})$	9669	9588	1	16363
9671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\omega\bar{K}^0 K^+ D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\omega\bar{K}^0 K^+ D^+\bar{D}^{*-})$	9670	9589	1	16364
9672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^+ K^- D^+ D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^- D^+ D^-\bar{D}^0)$	9671	9590	1	16365
9673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^* D^{*+}\bar{D}^0)$	9672	9591	1	16366

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ \pi^0 D^- D_s^+)$	9673	9592	1	16367
9675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta D^+\bar{D}^{*-})$	9674	9593	1	16368
9676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^+K^-K^-D^{*+}D^{*+})$	1514	1511	1	16369
9677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-D^{*+}\bar{D}^0 D_s^{*+})$	9676	9595	1	16370
9678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\omega\omega D^{*+}D^{*+}p\bar{p})$	9677	9596	1	16371
9679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}a_1^+)$	9678	9597	1	16372
9680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\eta\eta K^0K^-D^-, \bar{B}^0 \to \pi^+\pi^-K^0K^-\phi D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\eta\eta K^0K^0K^-K^-\phi D^-D^{*+})$	9679	9598	1	16373
9681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \rho^0\rho^0\rho^+D^-$ $(e^+e^- \to \rho^0\rho^0\rho^+D^-\bar{D}^{*-}D_s^+)$	9680	9599	1	16374
9682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^+K^{*-}D^+D^-\bar{D}^{*-})$	9681	9600	1	16375
9683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^-D^{*+})$	317	317	1	16376
9684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \rho^+K^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta K^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	9683	9602	1	16377
9685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	9684	9603	1	16378
9686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0D_s^{*+})$	9685	9604	1	16379
9687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e X_u^- K^{*-}D^+\bar{D}^0)$	9686	9605	1	16380
9688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}D_s^{*-})$	9687	9606	1	16381
9689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega\bar{K}^0K^+\bar{D}^{*-}D^0)$	9688	9607	1	16382
9690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^*K^-D^{*+}\bar{D}^{*0}\Lambda\bar{\Sigma}_c^0)$	9689	9608	1	16383

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega\omega K^+K^-D^-D^{*+})$	9690	9609	1	16384
9692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^*D^-D^{*+}\bar{D}^{*0})$	9691	9610	1	16385
9693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^+K^-D^{*+}D^{*+}\bar{D}^{*0})$	9692	9611	1	16386
9694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega\bar{D}^0\bar{\Delta}^+\Sigma_c^{*+})$	9693	9612	1	16387
9695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	1516	1513	1	16388
9696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0, \bar{B}^0 \to D^+n\bar{\Delta}^+\gamma$ $(e^+e^- \to D^+D^{*0}nn\bar{\Delta}^0\bar{\Delta}^+\gamma)$	9695	9614	1	16389
9697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \eta\omega K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\eta\eta\omega K^0K^-D^+D^-)$	1517	1514	1	16390
9698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\bar{K}^0D^{*+})$	9697	9616	1	16391
9699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+})$	9698	9617	1	16392
9700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0D^+D^-)$	9699	9618	1	16393
9701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\omega K^0K^-D^+\bar{D}^{*-})$	9700	9619	1	16394
9702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \bar{K}^0K^+K^-J/\psi$ $(e^+e^- \to \bar{K}^0K^+K^-D^+J/\psi D_{s1}'^-)$	9701	9620	1	16395
9703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*a_0^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_0^{*+}a_0^0)$	9702	9621	1	16396
9704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-})$	9703	9622	1	16397
9705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^0K^*K^{*-}D^{*+}\chi_{c0})$	9704	9623	1	16398
9706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\omega K^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\omega\omega K^0D^{*+})$	9705	9624	1	16399
9707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0K^{*-}D^-D^{*+})$	9706	9625	1	16400

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+})$	9707	9626	1	16401
9709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\eta' D_s^- D_s^{*+}, B^0 \to \pi^0\rho^+K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^+K^-\eta'\bar{D}^{*-}D_s^-D_s^{*+})$	9708	9627	1	16402
9710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0K^*K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^*K^*K^-D^-D^{*+}D^{*0})$	9709	9628	1	16403
9711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*0}n\bar{\Lambda}_c^-)$	1518	1515	1	16404
9712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^{*+}D^+\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+n\bar{n}$ $(e^+e^- \to \pi^-\pi^-\pi^-\pi^-\rho^+K^{*+}D^+D^+\bar{D}^0n\bar{n})$	9711	9630	1	16405
9713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^-D^{*+}D_s^+)$	9712	9631	1	16406
9714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \mu^+\nu_\mu D_1'^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D_0^{*-}D_1'^-)$	9713	9632	1	16407
9715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\omega\bar{K}^0K^{*+}D^-D_0^{*+})$	9714	9633	1	16408
9716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D_s^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to \rho^0K^0\bar{K}^0\bar{K}^*\bar{K}^*D_s^{*+}D_s^{*-})$	9715	9634	1	16409
9717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^-D^+D^-\bar{D}^0)$	9716	9635	1	16410
9718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta\omega D^-D^0)$	9717	9636	1	16411
9719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \eta' D^+D_s^-$ $(e^+e^- \to \pi^+\eta\eta' D^+D^-D_s^-)$	9718	9637	1	16412
9720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^{*+}D^{*+}\bar{D}^0D^{*0})$	1519	1516	1	16413
9721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+K^+K^{*-}\bar{D}^{*-}D^0\eta_c)$	1520	1517	1	16414
9722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \pi^0\pi^+\pi^-K^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{D}^0D^{*0}D_s^+)$	9721	9640	1	16415
9723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta' D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\rho^+\eta' D^{*+}D^{*0})$	9722	9641	1	16416
9724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+K^{*-}D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\eta K^+K^{*-}D^-D^{*+}a_1^-)$	9723	9642	1	16417

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-})$	9724	9643	1	16418
9726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-D^+D_s^{*+}D_1'^-)$	9725	9644	1	16419
9727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma\gamma, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}\gamma\gamma)$	9726	9645	1	16420
9728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^-\bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^+K^-\bar{D}^{*-}D_s^+D_0^{*+})$	9727	9646	1	16421
9729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\omega\omega D^{*+}\bar{\Delta}^0\Sigma_c^{*0})$	1521	1518	1	16422
9730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D^{*0})$	1522	1519	1	16423
9731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^-D^{*+})$	9730	9649	1	16424
9732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^+\bar{\Delta}^+\Sigma_c^+)$	9731	9650	1	16425
9733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0D^-D^{*0}D_s^{*+})$	9732	9651	1	16426
9734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D^-D^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^{*+}D^-D^{*+}D^0)$	9733	9652	1	16427
9735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-K^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-D_s^{*+}D_1'^-)$	9734	9653	1	16428
9736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\eta\bar{\Delta}^0\Sigma^{*0}$ $(e^+e^- \to \pi^0\eta D^{*+}D_s^-\bar{\Delta}^0\Sigma^{*0})$	9735	9654	1	16429
9737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^+K^-K^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-})$	9736	9655	1	16430
9738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D^0n\bar{n})$	1523	1520	1	16431
9739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\bar{K}^0D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\bar{K}^0D^-D_s^{*+})$	1524	1521	1	16432
9740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	9739	5072	1	16433
9741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\bar{n}\Xi_c'^+$ $(e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}\bar{n}\Xi_c'^+)$	9740	9658	1	16434

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\eta' D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega\eta' D^- D^{*+})$	9741	9659	1	16435
9743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\rho^- D^- D_2^{*+})$	9742	9660	1	16436
9744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^0 K^{*-} D^+ D^{*+})$	9743	9661	1	16437
9745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ K^+ K^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\bar{K}^* D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^* K^+ K^- \bar{D}^{*-} D_s^+)$	9744	9662	1	16438
9746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^0 K^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\omega\omega K^0 K^- D^+ D^-)$	9745	9663	1	16439
9747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\psi', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L D^{*+}\psi')$	9746	9664	1	16440
9748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^*\bar{D}^{*-} J/\psi)$	9747	9665	1	16441
9749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \eta K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	9748	9666	1	16442
9750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \tau^+\nu_\tau K^0 K^- D^+ D_0^{*-})$	9749	9667	1	16443
9751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+ D^-\bar{n}\Sigma_c^0)$	9750	9668	1	16444
9752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to D_s^+\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to D^- D_s^+ D_s^+\bar{\Delta}^+\Sigma^0)$	9751	9669	1	16445
9753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-} D^0\bar{D}^{*0})$	9752	9670	1	16446
9754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^{*+} D^0 D_s^-)$	1525	1522	1	16447
9755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to K^+ D^+ D^- D^0 D_s^{*-})$	9754	9672	1	16448
9756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\bar{K}^0 K^* K^{*-} D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0 K^* K^{*-} D^- D^{*+})$	9755	9673	1	16449
9757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^+\rho^- K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^- K^-\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	9756	9674	1	16450
9758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^* D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^* D^+ D^- D^{*+})$	1526	1523	1	16451

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \rho^-K^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^+\rho^-K^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	9758	9676	1	16452
9760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^0\bar{D}^0D_0^{*+})$	9759	9677	1	16453
9761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s0}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^+D^{*+}D_{s0}^{*-})$	9760	9678	1	16454
9762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K^-\eta'D^+\bar{D}^{*-})$	9761	9679	1	16455
9763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^+K^-\phi D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+K^-\phi\bar{D}^{*-}D^{*0})$	9762	9680	1	16456
9764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	9763	9681	1	16457
9765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-D^+D^-D_s^{*+})$	9764	9682	1	16458
9766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^-\omega K^0\eta_c\bar{n}\Sigma_c^+)$	9765	9683	1	16459
9767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^+\bar{D}^{*0})$	1527	1524	1	16460
9768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}D_1'^-)$	9767	9685	1	16461
9769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega K^*D^+D^-D^{*+})$	9768	9686	1	16462
9770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega\bar{K}^0K^*D^-\bar{D}^{*-})$	9769	9687	1	16463
9771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+K_0^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0K^+D^{*+}K_0^{*-})$	9770	9688	1	16464
9772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+K^*D_s^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+K^*D^{*+}D_s^-)$	9771	9689	1	16465
9773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+K^-D^{*+}\bar{D}^{*-})$	9772	9690	1	16466
9774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_1^0\gamma, B^0 \to \eta\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \eta\bar{K}^0K^{*+}D^-K_1^0\gamma)$	9773	9691	1	16467
9775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^+D^-\Delta^{++}\bar{\Delta}^{++})$	9774	9692	1	16468

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^+K^-D^{*+}D_s^-$ $(e^+e^- \to e^+\nu_e K^+K^-D^{*+}\bar{D}^{*-}D_s^-)$	9775	9693	1	16469
9777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\omega D^-\bar{D}^{*-})$	1528	1525	1	16470
9778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\bar{D}^{*-}\bar{n}\Sigma^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Sigma^+)$	1529	1526	1	16471
9779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta D^0$ $(e^+e^- \to \pi^0\rho^0\eta K^0D^{*+}\bar{D}^{*-}D^0)$	9778	9696	1	16472
9780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0\bar{D}^0J/\psi)$	9779	9697	1	16473
9781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-})$	9780	9698	1	16474
9782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	9781	9699	1	16475
9783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\omega K^0\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}D^{*0}D_s^{*+})$	9782	9700	1	16476
9784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	9783	9701	1	16477
9785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega D^{*0}\bar{D}^{*0})$	9784	9702	1	16478
9786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^+\omega\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	9785	9703	1	16479
9787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\bar{K}^0D^+D^+\bar{D}^{*-})$	9786	9704	1	16480
9788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-})$	1530	1527	1	16481
9789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \pi^+K^0\bar{K}^0\bar{K}^0D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0\bar{K}^0D^-D^-)$	9788	9706	1	16482
9790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*J/\psi, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-}J/\psi)$	9789	9707	1	16483
9791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+D^0\bar{D}^{*0}, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\rho^-\omega K^+\bar{D}^{*-}D^0\bar{D}^{*0}\bar{n}p)$	9790	9708	1	16484
9792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^-K^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+K^+\bar{D}^{*-})$	9791	9709	1	16485

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	9792	9710	1	16486
9794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-K^*D^+\bar{D}^{*0})$	1531	1528	1	16487
9795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	9794	9712	1	16488
9796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta\omega D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^-D^+D^{*+})$	9795	9713	1	16489
9797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{K}^0K^+D^-D_s^+, \bar{B}^0 \to \pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\bar{K}^0\bar{K}^*K^+K^+D^+D^-D_s^+)$	9796	9714	1	16490
9798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0K^0J/\psi\bar{p}\Lambda_c^+)$	9797	9715	1	16491
9799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^-\omega K^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^-\omega K^+D^{*+})$	9798	9716	1	16492
9800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	9799	9717	1	16493
9801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0K^-D^{*+}\bar{D}^0D_1^-)$	9800	9718	1	16494
9802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^{*0})$	1532	1529	1	16495
9803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\eta D^-\bar{D}^{*-})$	9802	9720	1	16496
9804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0\bar{K}^*K^-K^-D^+D^{*+})$	1533	1530	1	16497
9805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\rho^-K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-K^{*-}D^+D_1'^-)$	9804	9722	1	16498
9806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^0D^-D^{*+}\bar{D}^{*-})$	9805	9723	1	16499
9807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^+\rho^-\rho^-D^+)$	9806	9724	1	16500
9808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\eta\eta D^-\bar{D}^{*-})$	9807	9725	1	16501
9809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0D^+D^-D^0D_s^{*-})$	9808	9726	1	16502

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^*K^+D^-D^{*+})$	9809	9727	1	16503
9811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^+\rho^-D^-\bar{D}^{*-})$	9810	9728	1	16504
9812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\omega D^+D^{*+})$	9811	9729	1	16505
9813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	9812	9730	1	16506
9814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-K^*K^{*-}\eta_cJ/\psi)$	9813	9731	1	16507
9815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \eta K^{*+}\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Sigma_c^0)$	9814	9732	1	16508
9816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}D^{*+}a_1^-)$	9815	9733	1	16509
9817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-\eta\omega\bar{K}^*K^{*+}D^-D^{*+})$	9816	9734	1	16510
9818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{\Delta}^0\Xi_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega K^0\bar{D}^{*-}\bar{\Delta}^0\Xi_c^+)$	9817	9735	1	16511
9819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D_2^{*+}n\bar{\Xi}_c^{\prime 0})$	9818	9736	1	16512
9820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}\Delta^0\bar{p})$	9819	9737	1	16513
9821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega n\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0D^0\bar{D}^0n\bar{\Sigma}_c^{*-})$	9820	9738	1	16514
9822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^0D^{*0})$	9821	9739	1	16515
9823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \eta\bar{K}^0\eta_c$ $(e^+e^- \to \eta\bar{K}^0K^+\bar{D}^{*-}D^{*0}\eta_c)$	9822	9740	1	16516
9824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^{\prime -}, \bar{B}^0 \to \pi^0\pi^0\eta K^-\bar{D}^0D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta K^-\bar{D}^0D_s^+D_1^{\prime -})$	9823	9741	1	16517
9825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}^{\prime +}, B^0 \to \rho^0D^-\bar{n}p$ $(e^+e^- \to \rho^0D^-\bar{D}^{*-}\bar{n}pD_{s1}^{\prime +})$	9824	9742	1	16518
9826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}a_1^+\gamma)$	9825	9743	1	16519

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+D_2^{*-})$	9826	9744	1	16520
9828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to K^*\bar{K}^*\bar{D}^0D^{*0}J/\psi)$	9827	9745	1	16521
9829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^-D^{*+}D^{*+})$	9828	9746	1	16522
9830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^-\rho^-\bar{K}^0\bar{K}^*K^+K^+D^+\bar{D}^{*-})$	9829	9747	1	16523
9831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	9830	9748	1	16524
9832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^0D^-D^{*+}D^{*+})$	9831	9749	1	16525
9833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^-D_s^{*+}, \bar{B}^0 \to \eta D^+D_s^{*-}$ $(e^+e^- \to \pi^0\eta\eta D^+D^-D_s^{*+}D_s^{*-})$	9832	9750	1	16526
9834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+D^-D_{s1}'^-)$	9833	9751	1	16527
9835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega\bar{D}^{*-}D_1'^+)$	9834	9752	1	16528
9836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^-D^-D^{*+}D_{s0}^{*+})$	1534	1531	1	16529
9837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}D^{*0})$	9836	9754	1	16530
9838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta\omega K^0D^{*+}D^{*+}\bar{D}^0)$	9837	9755	1	16531
9839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^+D^{*+}nn\bar{p}\bar{\Sigma}_c^-)$	9838	9756	1	16532
9840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^-D^{*+}D_s^+)$	9839	9757	1	16533
9841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}J/\psi)$	9840	9758	1	16534
9842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+D^-D_s^+)$	9841	9759	1	16535
9843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*K^*K^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*K^*K^-D^{*+})$	9842	9760	1	16536

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^{*-}D^-D^{*+})$	9843	9761	1	16537
9845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega K^-K^{*+}D^{*+}\bar{D}^{*-})$	1535	1532	1	16538
9846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^-\bar{n}p, \bar{B}^0 \to \pi^+K^+K^-K^-D^0$ $(e^+e^- \to \pi^0\pi^+\omega K^+K^-K^-D^-D^0\bar{n}p)$	9845	9763	1	16539
9847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\omega\bar{D}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+$ $(e^+e^- \to \pi^0\pi^-\omega\bar{D}^0\bar{D}^{*0}D_s^+)$	9846	9764	1	16540
9848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \eta D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\eta D^+D^-\bar{D}^{*-})$	9847	9765	1	16541
9849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	9848	9766	1	16542
9850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-)$	1536	1533	1	16543
9851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\pi^-K^0D^{*+}D^{*+}\bar{D}^0)$	1537	1534	1	16544
9852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\bar{K}^0D^-D^0\bar{D}^0)$	9851	9769	1	16545
9853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	9852	9770	1	16546
9854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}D_1^-)$	9853	9771	1	16547
9855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^-K^{*+}D^+D^-)$	9854	9772	1	16548
9856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-\omega\omega D^{*+}D^{*+})$	9855	9773	1	16549
9857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\omega D^{*+}\bar{D}^{*-}n\bar{p})$	9856	9774	1	16550
9858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	9857	9775	1	16551
9859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^{*+}D_s^{*-}p\bar{\Lambda}_c^-)$	9858	9776	1	16552
9860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+D^-D_2^{*+}\bar{\Delta}^-\Delta^-)$	1538	1535	1	16553

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	9860	9778	1	16554
9862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+K^*D_s^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega K^*D^+D_s^-)$	9861	9779	1	16555
9863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, B^0 \to \pi^+K^*D^-D^0$ $(e^+e^- \to \pi^+K^*\bar{K}^*K^+D^-\bar{D}^{*-}D^0)$	9862	9780	1	16556
9864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^-\bar{n}\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^-D^{*+}\bar{n}\Delta^{++})$	9863	9781	1	16557
9865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^{*+}D_s^{*+}D_1^-)$	9864	9782	1	16558
9866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to K^*K^*K^{*-}D^{*+}D^{*+}\bar{D}^{*-})$	9865	9783	1	16559
9867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \omega\Delta^+\bar{\Sigma}_c^{*-}$ $(e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-})$	9866	9784	1	16560
9868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^{*+}D_s^{*+})$	9867	5919	1	16561
9869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}a_1^-)$	9868	9785	1	16562
9870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	9869	9786	1	16563
9871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^-D^+D^{*+})$	9870	9787	1	16564
9872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	9871	9788	1	16565
9873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{D}^{*-})$	9872	9789	1	16566
9874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0\phi D^+\bar{D}^{*-})$	9873	9790	1	16567
9875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^+K^-D^-D^{*+})$	9874	9791	1	16568
9876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{n}\Delta^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}\bar{n}\Delta^0)$	9875	9792	1	16569
9877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^-\omega D^-D^{*0}\bar{\Delta}^0\Delta^+)$	9876	9793	1	16570

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^+K^-D^+\bar{D}^{*-})$	9877	9794	1	16571
9879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-D^+D^-\bar{n}p)$	9878	9795	1	16572
9880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+K^-\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-K^+K^-D^+\bar{D}^{*-}D_s^{*+})$	9879	9796	1	16573
9881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-)$	9880	9797	1	16574
9882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to \pi^-K^0\bar{K}^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0K^0\bar{K}^0\bar{K}^*D^{*+}\chi_{c0})$	9881	9798	1	16575
9883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-})$	9882	9799	1	16576
9884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^*D^+D^-\bar{D}^{*-})$	1539	1536	1	16577
9885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+\eta'\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+\eta'D^{*+}\bar{D}^0D_{s1}'^-)$	9884	9801	1	16578
9886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^+D_1'^-)$	9885	9802	1	16579
9887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^+\rho^-D^+D^-)$	9886	9803	1	16580
9888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	1540	1537	1	16581
9889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_2^{*+}D_s^-)$	9888	9805	1	16582
9890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^{*+}D^-D_2^{*+})$	9889	9806	1	16583
9891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^-D_2^{*+})$	9890	9807	1	16584
9892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^*K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-K^*K^{*-}D^+\bar{D}^{*-})$	9891	9808	1	16585
9893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0K^*D^+\bar{D}^{*-}\bar{D}^{*-})$	9892	9809	1	16586
9894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\phi D^-, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \pi^+\pi^-K^+\phi D^+D^-a_1^-\gamma)$	9893	9810	1	16587

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+D^{*+}\bar{D}^{*-}n\bar{p})$	9894	9811	1	16588
9896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\bar{D}^{*0}\bar{\Delta}^0p, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*0}\bar{\Delta}^0p)$	9895	9812	1	16589
9897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, B^0 \to \pi^+\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	1541	1538	1	16590
9898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \rho^0\rho^+\rho^-D^{*0}$ $(e^+e^- \to \rho^0\rho^+\rho^-\rho^-\omega D^+D^{*0})$	9897	9814	1	16591
9899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^+D^{*+})$	1542	1539	1	16592
9900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+D_1'^-)$	9899	9816	1	16593
9901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \rho^0\pi^+\eta D^-$ $(e^+e^- \to \rho^0\pi^+\eta K^*D^+D^-D^-)$	9900	9817	1	16594
9902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+\bar{D}^{*-}, B^0 \to \pi^0D^+D^-\gamma$ $(e^+e^- \to \pi^0K^0D^+D^+D^-\bar{D}^{*-}\gamma)$	318	318	1	16595
9903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-D^{*+})$	9902	9819	1	16596
9904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+K^0D^+\bar{D}^{*-}D^0D_s^-)$	9903	7735	1	16597
9905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1^+)$	9904	9820	1	16598
9906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-\bar{\Delta}^0\Sigma_c^0)$	9905	9821	1	16599
9907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^{*+}p\bar{p})$	9906	9822	1	16600
9908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0D^0D^0\bar{D}^{*0}D_s^{*-})$	9907	9823	1	16601
9909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D_2^{*-}, B^0 \to \rho^0D_s^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+D_2^{*-}D_s^+D_s^{*-})$	1544	1541	1	16602
9910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^*K^{*-}D^+D^-n\bar{n})$	9909	9825	1	16603
9911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^+\bar{D}^{*-}D_0^{*-})$	1545	1542	1	16604

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	9911	9827	1	16605
9913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^+\bar{D}^{*-}D'^+_{s1})$	9912	9828	1	16606
9914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\eta'D^+D^-)$	9913	9829	1	16607
9915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^+, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \bar{K}^*K^-D^+D^{*+}\Delta^-\bar{\Delta}^0)$	9914	9830	1	16608
9916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0K^0\bar{K}^0, \bar{B}^0 \to D^{*-}_sD'^+_1$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^0\bar{K}^0D^{*-}_sD'^+_1)$	9915	9831	1	16609
9917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Lambda}^-_c, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^+D^{*+}\Sigma^{*0}\bar{\Lambda}^-_c)$	9916	9832	1	16610
9918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	9917	9833	1	16611
9919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{K}^0K^*D^-, \bar{B}^0 \to D^+D^{*-}_s$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0K^*D^+D^-D^{*-}_s)$	9918	9834	1	16612
9920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+_sD^-_s, \bar{B}^0 \to \pi^+\pi^+\pi^-\omega K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-\bar{D}^0D^+_sD^-_s)$	9919	9835	1	16613
9921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\Delta^-\bar{n})$	1546	1543	1	16614
9922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda^+_c, \bar{B}^0 \to \omega D^{*+}\bar{n}\Sigma^-$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{n}\bar{\Delta}^0\Sigma^-\Lambda^+_c)$	9921	9837	1	16615
9923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\omega D^{*0}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\omega D^0D^{*0}n\bar{\Delta}^0)$	9922	9838	1	16616
9924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^+\bar{D}^{*-}n\bar{n})$	9923	9839	1	16617
9925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	9924	9840	1	16618
9926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\pi^+D^-)$	9925	9841	1	16619
9927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D^{*+}_s, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0K^-D^{*+}\bar{D}^0D^{*+}_s)$	9926	9842	1	16620
9928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0D^+D^{*-}_s, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^0K^0D^+D^+D^{*-}_s)$	9927	9843	1	16621

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	9928	9844	1	16622
9930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_s^{*+})$	9929	9845	1	16623
9931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+D^+)$	9930	9846	1	16624
9932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\bar{K}^0K^+D^-D_2^{*+})$	9931	9847	1	16625
9933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^0\bar{K}^*D^+D^-)$	9932	9848	1	16626
9934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+D_1^-)$	9933	9849	1	16627
9935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^+p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*+}\bar{n}pp\bar{\Delta}^{++})$	9934	9850	1	16628
9936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^0\bar{D}^{*0}D_s^+)$	9935	9851	1	16629
9937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0D^+n\bar{p}D_1^-)$	9936	9852	1	16630
9938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta\omega\bar{K}^0\eta'\bar{D}^{*-})$	9937	9853	1	16631
9939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+D^-)$	9938	9854	1	16632
9940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}D_2^{*+})$	9939	9855	1	16633
9941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\phi D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+\phi D^-D^{*+})$	9940	9856	1	16634
9942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\omega\bar{D}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{\Delta}^+$ $(e^+e^- \to \pi^+\omega\omega\bar{D}^{*-}\bar{D}^0p\bar{\Delta}^+)$	9941	9857	1	16635
9943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega K^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0D^+D^-)$	9942	9858	1	16636
9944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \eta K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\eta K^0K^{*-}D^+\Delta^+\bar{\Sigma}_c^{--})$	9943	9859	1	16637
9945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-\rho^-\eta\omega K^+K^-D^{*+}\bar{D}^{*-})$	9944	9860	1	16638

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^0)$	9945	9861	1	16639
9947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+D^-D_0^{*-})$	1547	1544	1	16640
9948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{D}^{*-})$	9947	9863	1	16641
9949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}\Delta^{++}\bar{\Delta}^{++})$	9948	9864	1	16642
9950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{--})$	9949	9865	1	16643
9951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-\bar{n}p)$	9950	9866	1	16644
9952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta K^{*+}D^+\bar{D}^{*-}D^{*0}n\bar{p})$	9951	9867	1	16645
9953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^+K^-K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-K^-\bar{D}^{*-}D^0)$	9952	9868	1	16646
9954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0K^+K^-K^{*-}D^-\bar{D}^0D_s^+)$	9953	9869	1	16647
9955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0K^0D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0K^0D^+D^-\bar{D}^{*-})$	1548	1545	1	16648
9956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega K^0K^-D^+D^-)$	9955	9871	1	16649
9957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_2^{*-}, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\bar{D}^{*-}D_2^{*-})$	9956	9872	1	16650
9958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^{*+}D^0\bar{D}^{*0})$	9957	9873	1	16651
9959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^+D^{*0}D_s^{*-}$ $(e^+e^- \to \rho^+D^-D^{*0}D_s^+D_s^{*-})$	9958	9874	1	16652
9960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to \rho^+\omega K^+D^-\bar{D}^{*-}D^{*0})$	1549	1546	1	16653
9961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \bar{K}^*K^-K^{*+}D^-\bar{\Delta}^0\Sigma_c^{*+})$	9960	9876	1	16654
9962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^0D_s^+D_1^-)$	9961	9877	1	16655

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D_1^+ a_1^+)$	9962	9878	1	16656
9964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^- D^{*+}\bar{n}\Delta^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^- D^{*+}\bar{D}^{*-}\bar{n}\Delta^+)$	73	73	1	16657
9965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to D^{*+} a_1^- \gamma$ $(e^+e^- \to \rho^+ D^- D^{*+} a_1^- \gamma)$	9964	9880	1	16658
9966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\bar{K}^* D^-\bar{D}^{*-}D^0 D_{s1}'^+)$	9965	9881	1	16659
9967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^+ D^- D_2^{*+})$	9966	9882	1	16660
9968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \rho^0\pi^+\omega K^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\omega K^- D^- D^{*0})$	1551	1548	1	16661
9969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^-\rho^- K^{*+} D^0, B^0 \to \pi^+\omega D^- p\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^{*+} D^- D^0 p\bar{p})$	9968	9884	1	16662
9970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega\omega D^-\bar{D}^{*-})$	9969	9885	1	16663
9971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_2^{*+}\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\omega\bar{D}^{*-} D_2^{*+}\gamma)$	9970	9886	1	16664
9972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^- D_s^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^- K^- D_s^+ D_0^{*+})$	9971	9887	1	16665
9973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	9972	9888	1	16666
9974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0 p, B^0 \to \rho^+\bar{D}^{*-}\bar{n}\Delta^0$ $(e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^0\bar{\Delta}^0 p)$	9973	9889	1	16667
9975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+}\bar{D}^{*-} D_s^+)$	1552	1549	1	16668
9976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+ D^-\Sigma^0\bar{\Sigma}^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+ D^- D^{*+}\Sigma^0\bar{\Sigma}^-)$	9975	9891	1	16669
9977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^-\pi^- K^- D^+ D^{*+}\bar{D}^{*0}\Sigma^+\bar{\Sigma}^-)$	9976	9892	1	16670
9978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D^{*+} D_s^{*-})$	9977	9893	1	16671
9979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0 K^0 K^+ K^{*-} K^{*-} D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0 K^0 K^+ K^{*-} K^{*-} D^{*+} D_1'^-)$	9978	9894	1	16672

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+K^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	320	320	1	16673
9981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta\bar{K}^0\bar{K}^0K^+D^-D^0\bar{D}^{*0})$	9980	9896	1	16674
9982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}a_1^-\gamma)$	9981	9897	1	16675
9983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{\Delta}^+\Xi_c^{*0})$	9982	9898	1	16676
9984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0K^+K^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0K^+K^{*-}\bar{\Sigma}^0\Sigma^+D_1^+)$	9983	9899	1	16677
9985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^-K^*K^+K^{*-}D^+D^{*+}\bar{D}^{*-})$	9984	9900	1	16678
9986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_s^{*+}D_1'^+)$	9985	9901	1	16679
9987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^*K^+K^-D^{*+}D^{*+}\bar{D}^{*-})$	9986	9902	1	16680
9988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^{*+}D^{*+}\bar{D}^{*-}D^0)$	9987	9903	1	16681
9989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega K^0\bar{K}^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega K^0\bar{K}^0\bar{D}^{*-}D^0)$	1554	1551	1	16682
9990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^-D^{*+}D_s^+)$	9989	9905	1	16683
9991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-, \bar{B}^0 \to \pi^0\pi^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta K^0K^0K^-D^-D^{*+})$	9990	9906	1	16684
9992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0K^*\phi D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0K^*\phi D^{*+}D_s^{*-})$	9991	9907	1	16685
9993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^+D^-)$	9992	9908	1	16686
9994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\phi, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0\phi D^{*+})$	9993	9909	1	16687
9995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^+D^-\Delta^+\bar{\Delta}^+)$	9994	9910	1	16688
9996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\bar{K}^*D^+D^-\bar{D}^{*-}D_{s1}'^+)$	9995	9911	1	16689

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
9997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\bar{D}^{*-}D^0D_s^{*-})$	9996	9912	1	16690
9998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\phi K_0^0, B^0 \to \pi^0\pi^+K^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+K^*\phi D^-K_0^0)$	9997	9913	1	16691
9999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-K^+K^-D^+D^-)$	9998	9914	1	16692
10000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-K^0\bar{K}^*K^-D^+\Delta^+\bar{\Sigma}_c^-)$	9999	9915	1	16693
10001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to \pi^-\bar{K}^0a_1^+$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0K^{*+}\eta_ca_1^+)$	10000	9916	1	16694
10002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+\bar{D}^{*-})$	10001	9917	1	16695
10003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma^0D_{s1}'^+\gamma)$	10002	9918	1	16696
10004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \eta K^0\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-})$	10003	9919	1	16697
10005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta K^+D^{*+}D^0\bar{D}^{*0})$	10004	9920	1	16698
10006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D_2^{*+}J/\psi)$	10005	9921	1	16699
10007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-K^{*-}D^+D^-\bar{D}^{*0})$	10006	9922	1	16700
10008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	10007	9923	1	16701
10009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^{*-}D^0\bar{D}^{*0})$	10008	9924	1	16702
10010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-})$	10009	9925	1	16703
10011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0K^0\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*-}\bar{D}^{*0})$	10010	9926	1	16704
10012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+\omega D^+\bar{D}^{*-}D_s^-\gamma)$	10011	9927	1	16705
10013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-})$	10012	9928	1	16706

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \rho^0\pi^+\rho^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	10013	9929	1	16707
10015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta D^+\bar{D}^{*-})$	1555	1552	1	16708
10016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-K^0D^{*+}\chi_{c0})$	10015	9931	1	16709
10017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^0D_{s0}^{*-})$	74	74	1	16710
10018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0D^0\bar{D}^0D_1^-)$	10017	9933	1	16711
10019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-D^+\bar{D}^{*-}D_s^-\bar{n}p)$	1557	1554	1	16712
10020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\Delta^0\bar{\Sigma}_c^-)$	10019	9934	1	16713
10021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-D^+D^0)$	1558	1555	1	16714
10022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^-\rho^+\rho^+\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\bar{K}^*\bar{D}^{*-}p\bar{\Sigma}_c^{*--})$	10021	9936	1	16715
10023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta\eta D^{*+}D^{*+})$	10022	9937	1	16716
10024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^+\bar{D}^{*0})$	10023	9938	1	16717
10025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-n\bar{\Delta}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^-n\bar{\Delta}^0D_1'^+)$	10024	9939	1	16718
10026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^{*0}\bar{D}^{*0}\bar{p}\Delta^+)$	10025	9940	1	16719
10027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	10026	9941	1	16720
10028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-K^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-K^+D^-\bar{D}^{*-})$	10027	9942	1	16721
10029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}n\bar{p})$	10028	9943	1	16722
10030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^*\bar{K}^*$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^*\bar{K}^*D^+\Delta^+\bar{\Delta}^{++})$	322	322	1	16723

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0D^+\bar{D}^0)$	10030	9945	1	16724
10032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-})$	10031	9946	1	16725
10033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^+K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^+K^{*-}D^-D^{*+})$	323	323	1	16726
10034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\rho^-D^+D^-)$	10033	9948	1	16727
10035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^*K^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega\bar{K}^0K^*K^{*+}D^{*+})$	324	324	1	16728
10036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c, B^0 \to \pi^+K^0K^*K^{*-}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-K^0K^*K^+K^{*-}\eta_c n\bar{n})$	10035	9950	1	16729
10037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^+D^{*+}D_s^+D_s^{*-})$	10036	9951	1	16730
10038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^-D^{*+})$	10037	9952	1	16731
10039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \rho^-\eta\bar{K}^0K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^{*+}D^{*+}D^{*0})$	10038	9953	1	16732
10040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+D^-D^-)$	10039	9954	1	16733
10041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+D^+D^-)$	10040	9955	1	16734
10042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^+K^-D^{*+}\bar{D}^{*-})$	10041	9956	1	16735
10043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^-D^{*+}, \bar{B}^0 \to K^-\bar{\Lambda}\Xi_c'^+$ $(e^+e^- \to K^*K^-K^-D^{*+}\bar{\Lambda}\Xi_c'^+)$	10042	9957	1	16736
10044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-D^{*0}, \bar{B}^0 \to \omega\bar{K}^*\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^*D^-D^{*0}\eta_c)$	10043	9958	1	16737
10045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^+\Lambda_c^+)$	1562	1559	1	16738
10046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1^-, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau\eta D^-D_1^-)$	10045	9959	1	16739
10047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^+\rho^-K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^+\rho^-K^{*-}D^-D^{*+})$	10046	9960	1	16740

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}p\bar{\Sigma}_c^-)$	10047	9961	1	16741
10049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^+\omega\bar{K}^0K^*D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega\bar{K}^0K^*D^-D_1'^-)$	10048	9962	1	16742
10050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^*\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*\bar{D}^{*-}\eta_c)$	10049	9963	1	16743
10051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^-)$	10050	9964	1	16744
10052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-D^+\bar{D}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^0n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{D}^0\bar{D}^0n\bar{n})$	10051	9965	1	16745
10053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	10052	9966	1	16746
10054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-D^-D^{*+})$	10053	9967	1	16747
10055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	10054	9968	1	16748
10056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-D^{*+}\bar{D}^0)$	1563	1560	1	16749
10057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	1564	1561	1	16750
10058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0\bar{D}^0D^{*0}D_1^+)$	10057	9971	1	16751
10059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to K^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^+\bar{D}^0\bar{\Delta}^+\Xi_c^{*0})$	1565	1562	1	16752
10060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^+\bar{n}\Sigma_c^0)$	10059	9973	1	16753
10061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+D^-)$	10060	5085	1	16754
10062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^+D^-)$	10061	9974	1	16755
10063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*0}\chi_{c1})$	10062	9975	1	16756
10064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta K^+K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^+K^{*-}D^+\bar{D}^0)$	325	325	1	16757

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to J/\psi K_1^0, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^+\eta\bar{D}^{*-}J/\psi K_1^0)$	10064	9977	1	16758
10066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\omega\bar{K}^0K^+D^+D^-D_{s1}'^-)$	10065	9978	1	16759
10067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{n}p, B^0 \to \rho^0\rho^+\eta K^0\bar{K}^0D^-$ $(e^+e^- \to \rho^0\rho^+\eta K^0\bar{K}^0D^-D^-\bar{n}p)$	10066	9979	1	16760
10068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^{*+}\bar{D}^0)$	10067	9980	1	16761
10069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^{*+}\bar{D}^{*-}D_0^{*-})$	1567	1564	1	16762
10070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	10069	5908	1	16763
10071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^+D^+\bar{D}^0)$	10070	9982	1	16764
10072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta K^*\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\eta K^*D^+\bar{D}^0)$	10071	9983	1	16765
10073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\eta\eta K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\eta\omega K^+D^+\bar{D}^{*0})$	10072	9984	1	16766
10074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^-)$	10073	9985	1	16767
10075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+D^+\bar{D}^{*-}\bar{D}^0)$	10074	9986	1	16768
10076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega K^0D^-, \bar{B}^0 \to K^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^0K^-D^-\bar{p}\Sigma_c^{++})$	10075	9987	1	16769
10077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+K^+K^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^+K^+K^{*-}J/\psi)$	10076	9988	1	16770
10078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^0\bar{\Delta}^0\Delta^+\bar{\Lambda}\Sigma^0)$	10077	9989	1	16771
10079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^-\bar{D}^{*-})$	10078	9132	1	16772
10080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*K^+K^{*-}, B^0 \to \pi^0\pi^0\pi^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0K^*K^+K^{*-}\bar{D}^{*0})$	10079	9990	1	16773
10081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+D^-, B^0 \to \rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^0K^+D^-D^-)$	10080	9991	1	16774

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^- D^{*+}\gamma)$	1568	1565	1	16775
10083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D_2^{*+}\bar{D}^0)$	10082	9993	1	16776
10084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+})$	10083	9994	1	16777
10085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0 D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^*D^+\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^{++})$	10084	9995	1	16778
10086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}^{\prime -}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+}D^{*+}D_{s1}^{\prime -})$	10085	9996	1	16779
10087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^0K^0\bar{K}^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\eta K^0\bar{K}^0D^-D^{*+}D_s^-)$	10086	9997	1	16780
10088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^- D^+ n\bar{n}$ $(e^+e^- \to \pi^-\rho^+\eta D^+D^- n\bar{n})$	10087	9998	1	16781
10089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+K^0K^-\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0K^-D_2^{*+}\bar{D}^{*0}D_s^-)$	10088	9999	1	16782
10090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^0\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D_2^{*-}D^0D_s^{*+}\bar{n}p)$	10089	10000	1	16783
10091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_2^{*0}J/\psi, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_2^{*0}\bar{D}^{*-}J/\psi)$	326	326	1	16784
10092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\eta K^0D_0^{*+})$	10091	10002	1	16785
10093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^+D^-\bar{D}^{*-})$	10092	10003	1	16786
10094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^0D_s^+)$	10093	10004	1	16787
10095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^{*-}D^-, \bar{B}^0 \to K^0\bar{K}^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^+K^{*-}D^+D^-D_s^{*-})$	10094	10005	1	16788
10096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{D}^{*-})$	10095	10006	1	16789
10097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^-D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-K^*K^-D^+D^+)$	10096	10007	1	16790
10098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	10097	10008	1	16791

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	10098	10009	1	16792
10100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to K^0K^{*-}D^{*+}\bar{D}^{*-}\bar{n}p)$	10099	10010	1	16793
10101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	75	75	1	16794
10102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-, \bar{B}^0 \to \pi^0\rho^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\pi^-K^0\bar{K}^0D^{*+})$	10101	10012	1	16795
10103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Sigma^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^{*0}\Sigma^0\bar{\Xi}_c^{*0})$	10102	10013	1	16796
10104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0)$	10103	10014	1	16797
10105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^-D^{*+}\gamma, \bar{B}^0 \to \pi^0\rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta\eta D^+D^-D^{*+}\gamma)$	10104	10015	1	16798
10106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^+K^0K^-D^-D^{*+}D^0)$	10105	10016	1	16799
10107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}D_2^{*-}D_s^{*+})$	10106	10017	1	16800
10108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	10107	10018	1	16801
10109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to K_SJ/\psi$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K_SD^-J/\psi)$	10108	10019	1	16802
10110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^-D^{*+}n\bar{p})$	10109	10020	1	16803
10111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\chi_{c0})$	10110	10021	1	16804
10112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^-D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^-D_s^+D_s^{*+}D_1'^-)$	10111	10022	1	16805
10113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega K^-\bar{D}^{*-})$	10112	10023	1	16806
10114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D_2^{*+})$	10113	10024	1	16807
10115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-K^+K^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^0D_s^+n\bar{p})$	1571	1568	1	16808

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\bar{K}^0K^+D^-D^{*+}D_s^{*-}\gamma)$	10115	10026	1	16809
10117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{D}^0\bar{n}\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0)$	10116	10027	1	16810
10118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \rho^+\rho^-K^0J/\psi$ $(e^+e^- \to e^+\nu_e\rho^+\rho^-K^0J/\psi D_1^-)$	10117	10028	1	16811
10119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta K^-K^{*+}D^+D^-\bar{n}p)$	10118	10029	1	16812
10120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+\bar{D}^{*0}, \bar{B}^0 \to \rho^+K^-D^+n\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*0}n\bar{\Sigma}^{*-})$	10119	10030	1	16813
10121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^{*+}n\bar{p}$ $(e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^0\eta'\bar{D}^{*-}D_s^{*+}n\bar{p})$	10120	10031	1	16814
10122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	10121	10032	1	16815
10123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta\omega K^{*+}D^-$ $(e^+e^- \to e^+\nu_e\eta\omega K^{*+}D^-\bar{D}^{*-})$	10122	10033	1	16816
10124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta K^*K^-D^{*+}\bar{D}^{*-})$	10123	10034	1	16817
10125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*K^+K^{*-}D^+\bar{D}^{*-})$	10124	10035	1	16818
10126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D_2^{*+}\Delta^+\bar{\Xi}_c^{*0})$	1572	1569	1	16819
10127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^*D^+D^-)$	10126	10037	1	16820
10128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\eta D^-D^{*+}D_s^{*-})$	10127	10038	1	16821
10129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}D_{s1}'^+)$	10128	10039	1	16822
10130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \eta K^0K^-D^+D^+D_s^-)$	10129	10040	1	16823
10131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0\bar{D}^{*-}\chi_{c1})$	10130	10041	1	16824
10132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	10131	10042	1	16825

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to K^{*+}D^-\bar{D}^0\Delta^0\bar{\Delta}^0)$	10132	10043	1	16826
10134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\bar{K}^0D^-D^0\bar{D}^{*0})$	10133	10044	1	16827
10135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^+D_1^+)$	10134	10045	1	16828
10136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta D^-, B^0 \to \pi^0D^-\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \pi^0\rho^+\eta D^-D^-\bar{\Delta}^0\Delta^+)$	10135	10046	1	16829
10137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^{*0})$	10136	10047	1	16830
10138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0D^+\bar{\Delta}^-\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0K^0D^+D^-D^{*+}\bar{\Delta}^-\Sigma^-)$	10137	10048	1	16831
10139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+D^-, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\rho^+D^-\bar{D}^{*-})$	10138	10049	1	16832
10140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^{*+}D^+D^-D^0)$	10139	10050	1	16833
10141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_s^+D_1'^-)$	10140	10051	1	16834
10142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\eta D^+D^{*+})$	10141	10052	1	16835
10143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*0}\bar{n}\Delta^0)$	10142	10053	1	16836
10144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^0\bar{p}\Lambda, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+K^0K^0D^+\bar{p}\Lambda a_1^-)$	10143	10054	1	16837
10145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^+D^-)$	10144	10055	1	16838
10146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\psi', \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0K^0D^{*+}\psi')$	10145	10056	1	16839
10147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^{*+}n\bar{\Sigma}_c^-)$	1573	1570	1	16840
10148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	10147	10058	1	16841
10149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+D^+D^-n\bar{n}a_1^-)$	10148	10059	1	16842

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega K^0 D^{*+}D^{*+}\bar{D}^{*-})$	10149	10060	1	16843
10151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\eta\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\eta\bar{K}^0\bar{K}^0 K^+ D^- D^- D^{*+})$	10150	10061	1	16844
10152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* K^+ D^0 D_s^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to K^* K^+ D^{*+} D^0 D_s^- D_{s1}'^-)$	10151	10062	1	16845
10153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^0)$	10152	10063	1	16846
10154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^+, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0 K^* K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0 K^* K^- D^+ D^+)$	10153	10064	1	16847
10155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^- D^{*+}\bar{D}^{*-})$	10154	10065	1	16848
10156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Sigma}^-\Xi_c^+, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^* K^- D^{*+}\bar{\Sigma}^-\Xi_c^+)$	1574	1571	1	16849
10157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\omega K^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-\omega K^{*+} D^{*+})$	10156	10067	1	16850
10158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \rho^0\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+ D_{s1}'^+)$	10157	10068	1	16851
10159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\bar{K}^0 K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^0)$	1575	1572	1	16852
10160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- J/\psi)$	10159	10070	1	16853
10161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta K^+ K^{*-} D^-, \bar{B}^0 \to \rho^- D^+\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^+ K^{*-} D^+ D^-\gamma)$	10160	10071	1	16854
10162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^0\bar{K}^0\bar{D}^{*-} D^0)$	10161	10072	1	16855
10163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^-\eta D^{*+}\bar{D}^{*0})$	10162	10073	1	16856
10164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^* K^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* K^- D^+ D^{*+})$	10163	10074	1	16857
10165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^* K^{*-} D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- K^* K^{*-} D^{*+} D_0^{*+})$	1576	1573	1	16858
10166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-} D_1^+)$	10165	10076	1	16859

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to J/\psi\bar{n}\Lambda$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}J/\psi\bar{n}\Lambda)$	10166	10077	1	16860
10168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-\bar{\Delta}^+\Sigma^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+D^-\bar{\Delta}^+\Sigma^{*+})$	1577	1574	1	16861
10169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0D^+D^-\bar{\Sigma}^+\Sigma^-\Sigma^0\bar{\Sigma}^0)$	10168	10079	1	16862
10170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}\gamma)$	328	328	1	16863
10171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}n\bar{p}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\omega D^{*+}D^{*+}n\bar{p})$	10170	10081	1	16864
10172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}D'^-_{s1})$	329	329	1	16865
10173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K^0_1, \bar{B}^0 \to \pi^-\eta D^{*+}_s\bar{n}\Lambda$ $(e^+e^- \to \pi^-\eta D^{*+}_s J/\psi\bar{n}\Lambda K^0_1)$	10172	10083	1	16866
10174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma^0_c$ $(e^+e^- \to \rho^0K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Sigma^0_c)$	10173	10084	1	16867
10175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D^{*+}_s, B^0 \to \pi^+\rho^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^-D^0\bar{D}^{*0}D^{*+}_s)$	10174	10085	1	16868
10176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega D^-\bar{\Sigma}^+\Sigma^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^-\rho^-\omega D^+D^-\bar{\Sigma}^+\Sigma^+)$	10175	10086	1	16869
10177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	21	21	1	16870
10178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+_1$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\omega\bar{D}^{*0}D^+_1)$	10177	10088	1	16871
10179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+K^*K^-D^+\bar{D}^{*-})$	331	331	1	16872
10180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D^{*-}_s, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^-D^+D^{*+}D^{*-}_s\bar{\Delta}^-\Delta^-)$	10179	10090	1	16873
10181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a^+_1\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}a^+_1\gamma)$	10180	10091	1	16874
10182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0K^-D^{*+}_s$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0K^-\bar{D}^{*-}D^{*+}_s)$	10181	10092	1	16875
10183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^{*+}D^{*-}_s, \bar{B}^0 \to D^+a^-_1$ $(e^+e^- \to \omega K^{*+}D^+D^{*-}_s a^-_1)$	10182	10093	1	16876

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^+\pi^+\rho^-\rho^- D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^- D^- D^0 D_s^+)$	1582	1579	1	16877
10185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0 D^+ D^- \bar{D}^{*-})$	10184	801	1	16878
10186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^0\eta\bar{D}^{*-} D^0)$	10185	10095	1	16879
10187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+ p\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^- D^+ D^+ p\bar{p})$	10186	10096	1	16880
10188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^+K^- D^{*+} D_s^{*-}$ $(e^+e^- \to e^+\nu_e K^+K^- D^- D^{*+} D_s^{*-})$	10187	10097	1	16881
10189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+ n\bar{\Xi}_c'^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-} n\bar{\Xi}_c'^-)$	10188	10098	1	16882
10190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\Delta^-\bar{\Delta}^0 D_1^-)$	10189	10099	1	16883
10191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0} n\bar{\Delta}^0, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-} D^{*+}\bar{D}^{*0}\bar{D}^{*0} n\bar{\Delta}^0)$	10190	10100	1	16884
10192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta K^* K^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^* K^+ K^- K^- D^+\bar{D}^{*-})$	10191	10101	1	16885
10193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 K^+ D^+\bar{D}^{*-} a_1^-)$	10192	10102	1	16886
10194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^- K^0 D^- D^{*+}\bar{p}\Lambda_c^+)$	10193	10103	1	16887
10195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_2^{*+} D_s^+)$	10194	10104	1	16888
10196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^- D^-\bar{\Delta}^0\Sigma_c^{*+})$	10195	10105	1	16889
10197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^- D^+ D^-)$	10196	10106	1	16890
10198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\eta D^+ D^-\Delta^+\bar{\Delta}^{++})$	10197	10107	1	16891
10199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega K^- D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\omega K^-\bar{D}^{*-} D_s^{*+})$	10198	10108	1	16892
10200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^- D^{*+}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^- K^+ D^- D^{*+}\bar{p}\Sigma_c^{*0})$	10199	10109	1	16893

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	10200	10110	1	16894
10202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\psi', B^0 \to \pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega K^*\bar{D}^{*-}\psi')$	10201	10111	1	16895
10203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0D^+D^0D_s^{*-})$	1583	1580	1	16896
10204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	10203	10113	1	16897
10205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\bar{K}^0K^+D^-D^{*+})$	10204	10114	1	16898
10206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+D^-\bar{\Delta}^+\Delta^{++})$	10205	10115	1	16899
10207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+\bar{D}^0D_s^{*-})$	10206	10116	1	16900
10208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-p\bar{\Delta}^{++}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+D^+D^-p\bar{\Delta}^{++})$	10207	10117	1	16901
10209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-D^+D^-)$	10208	10118	1	16902
10210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to K^0K^+K^-\phi\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^0K^+K^-\phi D^-\bar{D}^0)$	10209	10119	1	16903
10211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\bar{D}^0\bar{n}p, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^-\pi^-\eta\bar{K}^0K^*D^+\bar{D}^0\bar{n}p)$	10210	10120	1	16904
10212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^-D^{*+}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^{*+}D^-D^-D^{*+}D^{*0})$	10211	10121	1	16905
10213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+K^-\bar{D}^0\bar{D}^0D^{*0}\bar{p}\Delta^+)$	10212	10122	1	16906
10214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0D_s^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0D^{*+}D_s^-D_s^{*-})$	10213	10123	1	16907
10215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-})$	10214	10124	1	16908
10216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^{*0}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^*D^+D^-D^{*0})$	10215	10125	1	16909
10217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^*D^0$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^-D^0)$	10216	10126	1	16910

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^*\bar{D}^{*-}\bar{D}^{*-}D^0)$	10217	10127	1	16911
10219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+D^-D^0, \bar{B}^0 \to \rho^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-\omega K^+D^-D^{*+}D^0)$	10218	10128	1	16912
10220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	1584	1581	1	16913
10221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c0}D'^+_{s1})$	10220	10130	1	16914
10222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^+\pi^+K^*\bar{K}^*K^-D^-\psi')$	10221	10131	1	16915
10223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\omega D^-D^{*+})$	10222	10132	1	16916
10224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^+D^-)$	10223	10133	1	16917
10225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+K^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+K^+K^-D^{*+}\bar{D}^{*-})$	10224	10134	1	16918
10226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^0J/\psi)$	10225	10135	1	16919
10227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^{*-}_2, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^-D^{*+}D^{*-}_2)$	10226	10136	1	16920
10228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	10227	10137	1	16921
10229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \rho^-D^{*+}_2$ $(e^+e^- \to \rho^-\bar{D}^{*-}D^{*+}_2D'^+_{s1})$	10228	10138	1	16922
10230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	10229	10139	1	16923
10231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\eta D^-D^{*+})$	10230	10140	1	16924
10232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*-}_sD^+_1, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*-}_sD^+_1)$	10231	10141	1	16925
10233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a^+_1, B^0 \to \pi^-\bar{D}^0D^{*+}_s$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{D}^0D^{*+}_sa^+_1)$	1585	1582	1	16926
10234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+K^+K^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega K^+K^-\bar{D}^0)$	10233	10143	1	16927

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \pi^0\rho^0\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^*\bar{K}^*D^{*+}D^{*+}\Delta^0\bar{\Delta}^+)$	10234	10144	1	16928
10236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \pi^0\pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^-D^{*+}\bar{n}p\gamma)$	10235	10145	1	16929
10237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \bar{K}^0\bar{D}^{*0}J/\psi\bar{n}\Delta^0)$	10236	10146	1	16930
10238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	10237	10147	1	16931
10239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^0\rho^+\eta\omega\bar{K}^*K^-D^+\bar{D}^{*-})$	10238	10148	1	16932
10240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D'^+_{s1})$	10239	10149	1	16933
10241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\omega D^+D^-)$	10240	10150	1	16934
10242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \eta K^0D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^+\rho^-\eta K^0\bar{K}^0K^+D^+D^-\bar{p}\Lambda)$	10241	10151	1	16935
10243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^+)$	10242	10152	1	16936
10244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^0\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0K^*K^-D^{*+}\bar{D}^{*-})$	10243	10153	1	16937
10245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\eta K^+K^{*-}D^{*+}\bar{D}^{*-})$	1586	1583	1	16938
10246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega K^*D^-D^{*+}D^{*+})$	332	332	1	16939
10247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	10246	10156	1	16940
10248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to K^*J/\psi$ $(e^+e^- \to K^*\bar{D}^{*-}J/\psi D'^+_{s1})$	10247	10157	1	16941
10249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0D^+D^-\bar{D}^{*-})$	1588	1584	1	16942
10250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^{*-}D^+\bar{D}^{*-})$	10249	10159	1	16943
10251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0J/\psi, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to K^0\bar{D}^{*-}D_s^{*+}J/\psi)$	10250	10160	1	16944

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^+D^-)$	10251	10161	1	16945
10253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+D_2^{*-}\bar{D}^0D_s^{*+})$	10252	10162	1	16946
10254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D^{*+}, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to K^*D^-D^-D^{*+}D^{*+})$	10253	10163	1	16947
10255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0K^-D^+D_1^-)$	10254	10164	1	16948
10256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	10255	10165	1	16949
10257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}D_s^{*+})$	10256	10166	1	16950
10258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	10257	10167	1	16951
10259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \omega D^-D^{*+}D^{*+}D_s^-)$	10258	10168	1	16952
10260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-})$	10259	10169	1	16953
10261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to \rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\pi^-K^+D^-D^{*+}D^{*+}n\bar{p})$	1589	1585	1	16954
10262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^+)$	10261	10171	1	16955
10263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+K^0K^-D^-, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0K^-D^-D^{*+}\Sigma^-\bar{\Sigma}^{*0})$	10262	10172	1	16956
10264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^+\Delta^-\bar{\Delta}^0)$	10263	10173	1	16957
10265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0D^-D^{*+}D^0)$	10264	10174	1	16958
10266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}$ $(e^+e^- \to K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*--}a_1^+)$	10265	10175	1	16959
10267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta'D^+D^-)$	10266	10176	1	16960
10268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^0\rho^+\omega\omega\bar{D}^{*-})$	10267	10177	1	16961

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*\bar{D}^{*-}\bar{n}\Sigma_c^0)$	10268	10178	1	16962
10270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta'D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\rho^+\eta'D^-D_s^{*-}D_1^+)$	10269	10179	1	16963
10271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+n\bar{\Sigma}_c^0)$	10270	10180	1	16964
10272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \rho^+\omega\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	10271	10181	1	16965
10273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+K^0K^0\bar{K}^0K^{*-}D^+D^-)$	1590	1586	1	16966
10274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-\bar{\Sigma}^0\Sigma^+)$	10273	10183	1	16967
10275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^+D^-D^{*0})$	10274	10184	1	16968
10276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0J/\psi, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0D^+D_s^{*-}J/\psi)$	10275	10185	1	16969
10277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D^-\bar{\Delta}^-p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^-D^{*+}\bar{\Delta}^-p)$	10276	10186	1	16970
10278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \bar{K}^*K^{*-}D^-D^{*+}D^{*+}\bar{D}^0)$	10277	10187	1	16971
10279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\eta'D^+\bar{D}^{*-})$	10278	10188	1	16972
10280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^+D^-)$	10279	10189	1	16973
10281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}p\bar{p})$	10280	10190	1	16974
10282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^*D^-D^-D^0)$	10281	10191	1	16975
10283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to e^+\nu_eJ/\psi\bar{K}_1^0D_1^-)$	10282	10192	1	16976
10284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-D^+\bar{D}^{*-}n\bar{n})$	10283	10193	1	16977
10285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+D^-)$	10284	10194	1	16978

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\pi^- D^- D_s^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^- D^- D^- D_s^+)$	10285	10195	1	16979
10287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^0\bar{K}^0 K^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 K^-\bar{D}^{*-} D_s^{*+})$	10286	10196	1	16980
10288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega D^- D^{*+}\bar{\Delta}^-\Delta^0)$	10287	10197	1	16981
10289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^0\bar{K}^* D^- D^{*+})$	10288	10198	1	16982
10290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\omega K^0 K^- D^+\bar{D}^{*-} D_s^+)$	10289	10199	1	16983
10291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^- D^- D^0 D_s^-)$	10290	10200	1	16984
10292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \rho^0\pi^-\omega K^+ K^{*-} D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^+ K^{*-} D^+ D^- D_s^+)$	10291	10201	1	16985
10293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0 K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\omega K^0 K^0 K^- D^- D^{*+} D^{*+})$	10292	10202	1	16986
10294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 D^+\bar{\Lambda}\Xi^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+ K^0 D^+\bar{D}^{*-}\bar{\Lambda}\Xi^-)$	10293	10203	1	16987
10295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^- D^{*+} D^{*0})$	10294	10204	1	16988
10296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0 D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{D}^{*-} D^{*0})$	10295	10205	1	16989
10297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+ K^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+ K^-\bar{D}^{*-}\bar{D}^{*-})$	10296	10206	1	16990
10298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- D^{*+} n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^- D^{*+} n\bar{p} D_1'^-)$	10297	10207	1	16991
10299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega D^+\bar{D}^{*-})$	10298	10208	1	16992
10300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0 K^- D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1591	1587	1	16993
10301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^0\omega\bar{K}^0 K^+ K^{*-}\phi$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^0 K^+ K^{*-}\phi\bar{D}^0 D_s^{*+})$	10300	10210	1	16994
10302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	10301	10211	1	16995

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda}D_{s1}^+)$	10302	10212	1	16996
10304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\rho^-D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-K^0D^{*+}\bar{D}^{*-}D^0D_s^-)$	10303	10213	1	16997
10305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega\omega D^{*+}\bar{D}^{*-})$	10304	10214	1	16998
10306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-\bar{D}^0\bar{\Delta}^+\bar{\Lambda}\Sigma^{*0}\Sigma_c^{*++})$	10305	10215	1	16999
10307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta'D^{*+}\bar{D}^{*-}D_s^+)$	10306	10216	1	17000
10308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^-\omega K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega\bar{K}^*K^{*+}\bar{D}^0D^{*0}\bar{D}^{*0})$	10307	10217	1	17001
10309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	10308	10218	1	17002
10310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	10309	10219	1	17003
10311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{\Delta}^0\Sigma_c^+)$	10310	10220	1	17004
10312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\Delta^+\bar{\Sigma}_c^0D_1'^+)$	10311	10221	1	17005
10313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^-\eta\eta'D^+$ $(e^+e^- \to \pi^-\eta\eta'D^+D^-D_{s1}'^+)$	1592	1588	1	17006
10314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta D^+\Delta^+\bar{\Sigma}_c^{*-})$	10313	10223	1	17007
10315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^*\bar{D}^{*0}\eta_c)$	10314	10224	1	17008
10316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^-p\bar{\Lambda}_c^-)$	10315	10225	1	17009
10317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\eta D^-D^{*+}D_{s1}'^-)$	10316	10226	1	17010
10318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}a_1^+)$	10317	5133	1	17011
10319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^-)$	10318	10227	1	17012

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}\eta_c, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0 K^{*+} D^- D^0\eta_c)$	10319	10228	1	17013
10321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^0)$	10320	10229	1	17014
10322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\rho^0 D^{*0}$ $(e^+e^- \to \pi^0\rho^0 D^{*+} D^{*0} a_1^-)$	10321	10230	1	17015
10323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 K^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0 K^0 D^{*+} D^0\bar{D}^{*0})$	10322	10231	1	17016
10324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^* K^{*+} D_s^{*-}, \bar{B}^0 \to D^{*+} D_s^-\gamma$ $(e^+e^- \to \bar{K}^0 K^* K^{*+} D^{*+} D_s^- D_s^{*-}\gamma)$	10323	10232	1	17017
10325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^- K^+ D^+\bar{D}^{*-} D^{*0} D_s^-)$	10324	10233	1	17018
10326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\bar{D}^0 D^{*0}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^- K^+ D^{*+}\bar{D}^0 D^{*0} D_s^{*-})$	10325	10234	1	17019
10327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^-\omega K^*$ $(e^+e^- \to \pi^+\pi^-\omega K^* K^* D^{*+}\bar{D}^{*-})$	10326	10235	1	17020
10328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^-\bar{D}^0 D_s^+$ $(e^+e^- \to \pi^-\rho^+\bar{D}^{*-}\bar{D}^0 D_s^+)$	10327	10236	1	17021
10329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+ D^+ n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+ D^+\bar{D}^{*-} n\bar{p})$	10328	10237	1	17022
10330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^* K^+\eta' D^0$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^* K^+\eta'\bar{D}^{*-} D^0)$	10329	10238	1	17023
10331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^* K^+\eta' D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0 K^* D^+$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^0 K^*\bar{K}^* K^+\eta' D^+ D^-)$	10330	10239	1	17024
10332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \omega\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-} a_1^-)$	10331	10240	1	17025
10333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^-\pi^- D^{*+}\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^-\pi^- D^{*+} D^{*+} D_s^{*-}\bar{p}\Delta^{++})$	10332	10241	1	17026
10334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to K^{*-} D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*-} D^+\bar{D}^0 D_1'^-)$	10333	10242	1	17027
10335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^{*-}\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+)$	10334	10243	1	17028
10336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\Delta^+\bar{\Sigma}_c^{*0})$	10335	10244	1	17029

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \rho^+D^{*+}n\bar{p}\bar{p}\Sigma_c^0)$	1593	1589	1	17030
10338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+n\bar{\Sigma}_c^-)$	10337	10246	1	17031
10339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^0\bar{K}^0K^-D^-, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\rho^+K^0K^0\bar{K}^0K^-D^-\bar{p}\Lambda_c^+)$	10338	10247	1	17032
10340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*0}\Sigma^{*0}\bar{\Sigma}^{*0}$ $(e^+e^- \to D^-D^{*0}\Sigma^{*0}\bar{\Sigma}^{*0}a_1^+)$	10339	10248	1	17033
10341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0, \bar{B}^0 \to \pi^+\eta K^*K^-K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0K^*K^-K^{*-}D^+)$	10340	10249	1	17034
10342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^{*-}\gamma)$	10341	10250	1	17035
10343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^*$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0\bar{K}^*K^+D^-\bar{\Lambda}\Sigma^0)$	10342	10251	1	17036
10344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^0, B^0 \to \pi^-\rho^+\rho^+\omega D^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-\bar{D}^0)$	10343	10252	1	17037
10345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+\gamma, \bar{B}^0 \to \pi^0\pi^+K^-J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+K^-D^-D_s^+J/\psi\gamma)$	10344	10253	1	17038
10346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^+K^-D^-D^{*+})$	10345	10254	1	17039
10347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\omega\omega D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^-\bar{\Delta}^+\Sigma_c^{*++})$	10346	10255	1	17040
10348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0K^*D^+D_s^{*-}\psi')$	10347	10256	1	17041
10349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta K^0D^-D^{*+}D^{*0})$	10348	10257	1	17042
10350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^*D^{*+}\bar{D}^{*-})$	10349	10258	1	17043
10351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^+D^-D_1^+)$	10350	10259	1	17044
10352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*-}D^0)$	10351	10260	1	17045
10353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta K^0K^-D^+D^-)$	10352	10261	1	17046

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	10353	10262	1	17047
10355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*0})$	10354	10263	1	17048
10356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \omega K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+})$	10355	10264	1	17049
10357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^+\eta\omega\omega\bar{D}^{*-}D_s^{*-}D_1'^+)$	10356	10265	1	17050
10358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\rho^-\eta\omega D^+D^-)$	10357	10266	1	17051
10359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-})$	10358	10267	1	17052
10360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-)$	10359	10268	1	17053
10361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+\bar{D}^{*-}p\bar{p})$	10360	10269	1	17054
10362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to \pi^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0\rho^+\eta'D^-\bar{p}\Xi_c'^+)$	10361	10270	1	17055
10363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^{*+}D^+D^-D_s^-)$	10362	10271	1	17056
10364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to e^+\nu_e\pi^0D^+D^-a_1^-)$	10363	10272	1	17057
10365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^-K^0D^+D^0\bar{D}^{*0}n\bar{n})$	10364	10273	1	17058
10366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to \pi^-D_1^+$ $(e^+e^- \to \pi^-\rho^-K^+D^+D^-D_1^+)$	10365	10274	1	17059
10367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}D_s^+)$	10366	10275	1	17060
10368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-D_2^{*+}D_s^-)$	10367	10276	1	17061
10369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\omega D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega\omega D^+D^-)$	10368	10277	1	17062
10370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^+D^-\bar{D}^0)$	10369	10278	1	17063

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^- K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^0)$	10370	10279	1	17064
10372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \rho^0\rho^- D^{*+}\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^- D^- D^{*+}\gamma)$	10371	10280	1	17065
10373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{K}^0\eta_c, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \omega K^0\bar{K}^0 K^- D^+\eta_c)$	10372	10281	1	17066
10374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^0\pi^+\rho^-\omega$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-\omega D^{*+})$	10373	10282	1	17067
10375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	10374	10283	1	17068
10376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^+ D^{*+}\bar{D}^{*-} D^{*0})$	10375	10284	1	17069
10377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-} p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-} D_2^{*+} p\bar{p})$	10376	10285	1	17070
10378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \rho^+\eta D^- D_2^{*+} D_s^-)$	10377	10286	1	17071
10379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^- n, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^-\bar{D}^{*-}\bar{\Delta}^- n)$	10378	10287	1	17072
10380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-, \bar{B}^0 \to \omega D_s^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D_s^{*+} D_s^{*-})$	333	333	1	17073
10381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+ D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	10380	10289	1	17074
10382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\psi(3770), \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^0 D^{*+}\psi(3770))$	10381	10290	1	17075
10383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\bar{D}^{*-} p\bar{\Delta}^{++}, \bar{B}^0 \to D^{*+} a_1^-\gamma$ $(e^+e^- \to \pi^+\pi^+ D^{*+}\bar{D}^{*-} p\bar{\Delta}^{++} a_1^-\gamma)$	10382	10291	1	17076
10384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^- K^+ D_s^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^- K^+ D_s^-\bar{\Delta}^0\Sigma_c^{*+})$	10383	10292	1	17077
10385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-\rho^- D^{*+}\Delta^0\bar{\Lambda}_c^-)$	10384	10293	1	17078
10386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+ D^- D^{*+})$	10385	10294	1	17079
10387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^+ D^- D_s^+)$	10386	10295	1	17080

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^- D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta D^- D^{*+} n\bar{p})$	10387	10296	1	17081
10389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+ D^0 D_s^{*-} n\bar{\Sigma}_c^0)$	10388	10297	1	17082
10390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^* D^- D^{*+}\bar{D}^0)$	10389	10298	1	17083
10391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^0\bar{K}^0 D^+ D^-)$	10390	10299	1	17084
10392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	10391	10300	1	17085
10393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+} D^{*+})$	10392	10301	1	17086
10394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^0\bar{K}^0 D^- D^{*+})$	10393	10302	1	17087
10395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\bar{K}^0 K^* D^+\bar{D}^{*-} D_s^-)$	10394	10303	1	17088
10396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+ D^- D^{*+}\gamma)$	10395	10304	1	17089
10397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0 K^+ D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0 K^+ D^- D^0)$	10396	10305	1	17090
10398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\omega D^+ n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\omega K^+ D^+\bar{D}^{*-} D^{*0} n\bar{\Delta}^{++})$	1595	1591	1	17091
10399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, \bar{B}^0 \to \pi^+\pi^-\rho^+\eta K^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^-\bar{D}^{*-} D_s^{*+}\gamma)$	10398	10307	1	17092
10400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^+\bar{D}^{*-} D_s^-)$	10399	10308	1	17093
10401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_s^{*+} D_1'^-, B^0 \to \pi^0\pi^+\pi^- K^0 K^+ K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0 K^+ K^-\bar{D}^0 D_s^{*+} D_1'^-)$	10400	10309	1	17094
10402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	10401	10310	1	17095
10403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \eta D^{*+} n\bar{p}$ $(e^+e^- \to \pi^-\eta D^{*+}\bar{D}^0 D_s^{*+} n\bar{p})$	10402	10311	1	17096
10404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\omega K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega K^- D^+)$	10403	10312	1	17097

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-K^0D^+D^-D^{*+})$	10404	10313	1	17098
10406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-})$	10405	10314	1	17099
10407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}D_0^{*-})$	10406	10315	1	17100
10408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}\gamma)$	10407	10316	1	17101
10409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0K^*D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{K}^0K^*D^-D^0)$	1596	1592	1	17102
10410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^+D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \omega D^+D^+D^-D_s^-)$	10409	10318	1	17103
10411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\rho^+\rho^+\rho^-\rho^-\omega D^+D^-)$	1597	1593	1	17104
10412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	10411	10320	1	17105
10413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}D^{*+})$	10412	10321	1	17106
10414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0D^{*+}D^{*+})$	77	77	1	17107
10415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0K^*\bar{K}^*D^+D^+\bar{D}^{*0})$	10414	10323	1	17108
10416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\omega K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^+\omega K^+K^-\bar{D}^{*-}D^0\bar{D}^0D^{*0})$	10415	10324	1	17109
10417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma^-)$	10416	10325	1	17110
10418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0D^-D^0\bar{D}^{*0}D_s^{*+})$	10417	10326	1	17111
10419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^+D^-)$	10418	10327	1	17112
10420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^{*-}D_s^-)$	10419	10328	1	17113
10421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta\omega D^{*+}D^{*+})$	10420	10329	1	17114

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta D^-\bar{n}p, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^+D^-n\bar{n}p\bar{p})$	10421	10330	1	17115
10423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}D_0^{*+})$	10422	10331	1	17116
10424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-)$	10423	10332	1	17117
10425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0K^+D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0K^+\bar{D}^{*-}D^0)$	10424	10333	1	17118
10426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}n\bar{\Lambda}$ $(e^+e^- \to \pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*0}n\bar{\Lambda})$	10425	10334	1	17119
10427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+D_s^-D_1'^+)$	10426	10335	1	17120
10428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^-D^{*+}a_1^+)$	10427	10336	1	17121
10429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+D_s^+D_1^-)$	1599	1595	1	17122
10430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+K^0D^-D^{*+}D_s^-)$	10429	10338	1	17123
10431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^-D^{*+}D_s^{*-})$	10430	10339	1	17124
10432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^+)$	10431	10340	1	17125
10433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-}a_1^+)$	10432	10341	1	17126
10434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^0D^{*+}\Lambda\bar{\Sigma}_c^0)$	10433	10342	1	17127
10435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\omega K^0\bar{K}^0K^+K^-D^-D^{*+})$	10434	10343	1	17128
10436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-})$	10435	10344	1	17129
10437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \pi^-\eta K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^-\eta K^-K^{*+}D^{*+}X_{sd}\gamma)$	10436	10345	1	17130
10438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \phi D^+D_s^-$ $(e^+e^- \to e^+\nu_e\phi D^+D_s^-D_1^-)$	10437	10346	1	17131

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta D^+\bar{D}^{*-})$	10438	7882	1	17132
10440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	10439	740	1	17133
10441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\bar{K}^0D^+\bar{D}^{*-}D_{s1}'^{+})$	10440	10347	1	17134
10442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0D^{*+}D^{*0})$	10441	10348	1	17135
10443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\omega\eta' D^-, B^0 \to \rho^+K^0\bar{K}^*\phi D^-$ $(e^+e^- \to \pi^+\rho^+\eta\omega K^0\bar{K}^*\eta'\phi D^-D^-)$	10442	10349	1	17136
10444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+D^+D^-D_s^-\Sigma^+\bar{\Sigma}^-)$	10443	10350	1	17137
10445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\bar{\Sigma}^{*0}\Xi_c'^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+D^-\bar{\Sigma}^{*0}\Xi_c'^0)$	10444	10351	1	17138
10446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^+K^*K^-D^{*+}\bar{D}^{*-})$	10445	10352	1	17139
10447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*K^-D^-D^{*+})$	10446	10353	1	17140
10448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-\bar{p}\Sigma_c^{++})$	10447	10354	1	17141
10449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \bar{K}^0D^-\Delta^0\bar{\Sigma}^+\bar{\Sigma}^0\Xi_c^0)$	10448	10355	1	17142
10450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^{*-}D^+D^{*+}\bar{D}^{*0})$	10449	10356	1	17143
10451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega D^-D^{*+})$	10450	10357	1	17144
10452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\omega D^-D_0^{*+})$	1600	1596	1	17145
10453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^0D^0D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0K^0D^{*+}D^0D_s^{*-})$	10452	10359	1	17146
10454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{D}^0D_s^{*+}\bar{p}\Sigma_c^{*0})$	10453	10360	1	17147
10455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^{-}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\bar{K}^0K^+D^{*+}D_1'^{-})$	10454	10361	1	17148

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\eta D^+\bar{D}^{*-})$	10455	10362	1	17149
10457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^*D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0K^*D^+D^+\bar{D}^{*0})$	10456	10363	1	17150
10458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D_s^-D_1'^+\gamma$ $(e^+e^- \to \bar{D}^{*-}D_s^-D_s^{*+}D_1'^+\gamma)$	10457	10364	1	17151
10459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	10458	10365	1	17152
10460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-D^0\bar{D}^{*0}D_s^{*-})$	10459	10366	1	17153
10461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta D^-D_2^{*+}D_s^{*-})$	10460	10367	1	17154
10462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0\rho^0\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^0K^*K^{*-}D^{*+}J/\psi)$	10461	10368	1	17155
10463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*-}n\bar{n})$	10462	10369	1	17156
10464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^0p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^0np\bar{p}\bar{\Sigma}_c^{*-})$	10463	10370	1	17157
10465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \bar{K}^0D^-D_s^+\bar{\Delta}^0\Sigma_c^{*0})$	10464	10371	1	17158
10466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+D^-, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^*K^+D^-\bar{D}^{*-})$	10465	10372	1	17159
10467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+K^+D^{*0}\Delta^+\bar{\Sigma}_c^{--})$	10466	10373	1	17160
10468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	10467	10374	1	17161
10469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	10468	10375	1	17162
10470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega D^-D^{*0})$	10469	10376	1	17163
10471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to K^0D^+D^-D_s^{*-}D_1^+)$	10470	10377	1	17164
10472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^*K^+\bar{D}^{*-}D_1^+)$	10471	10378	1	17165

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0K^0K^{*-}\phi D^+$ $(e^+e^- \to \pi^0K^0K^{*+}K^{*-}\phi D^+D^-D^0)$	10472	10379	1	17166
10474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D^{*+}n\bar{p})$	10473	10380	1	17167
10475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^+\omega K^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega K^-D^{*+})$	10474	10381	1	17168
10476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\rho^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^+\rho^-\eta\omega\bar{D}^{*-}D^{*0}D_s^+)$	10475	10382	1	17169
10477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^-D^{*+})$	10476	10383	1	17170
10478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{\Delta}^0\Sigma_c^{*+}D_1^-)$	10477	10384	1	17171
10479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-p\bar{\Lambda}_c^-D_1'^+)$	10478	10385	1	17172
10480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*D_s^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^+K^*D^{*+}D_s^-a_1^-)$	10479	10386	1	17173
10481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^0K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-K^0K^{*-}D^+D_1'^+)$	10480	10387	1	17174
10482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+K^-D^0\bar{D}^0, \bar{B}^0 \to \pi^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0K^0K^+K^-D^0\bar{D}^0\bar{p}\Xi_c'^+)$	10481	10388	1	17175
10483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^+, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^0K^{*-}K^{*-}D^+D^0\bar{D}^{*0})$	10482	10389	1	17176
10484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*-}\bar{n}p)$	10483	10390	1	17177
10485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*-}\bar{p}\Lambda_c^+)$	10484	10391	1	17178
10486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-})$	10485	10392	1	17179
10487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^-\eta'D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta'D^+D_1^-)$	10486	10393	1	17180
10488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0K^0K^-D^+D^-D^{*+}\bar{D}^0)$	1601	1597	1	17181
10489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\omega D^+\bar{D}^{*-})$	10488	10395	1	17182

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^-\omega\omega\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\rho^-\omega\omega\bar{K}^0 D^+)$	10489	10396	1	17183
10491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^- D^{*+}, B^0 \to \pi^0 K^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0 K^0 D^+ D^- D^{*+} \bar{D}^{*-})$	10490	10397	1	17184
10492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+ D^- D^{*+})$	10491	10398	1	17185
10493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^* K^+ \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^+\rho^-\bar{K}^* K^+ D^{*+} \bar{D}^{*-} D_s^{*-})$	10492	10399	1	17186
10494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{D}^{*-}\bar{D}^0 D^{*0})$	10493	10400	1	17187
10495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \bar{K}^* D^0 \bar{D}^{*0}$ $(e^+e^- \to \bar{K}^* K^+ \bar{D}^{*-} D^0 D^{*0} \bar{D}^{*0})$	10494	10401	1	17188
10496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^+\Delta^0\bar{\Sigma}_c^0)$	10495	10402	1	17189
10497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Sigma^0\bar{\Xi}_c^0, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\Sigma^0\bar{\Xi}_c^0)$	10496	10403	1	17190
10498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0})$	10497	10404	1	17191
10499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^* D^+ \bar{D}^{*-} D_1^-)$	10498	10405	1	17192
10500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^- K^0\bar{K}^0 D^+\bar{D}^{*-})$	10499	10406	1	17193
10501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	10500	4565	1	17194
10502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\omega\bar{K}^* D^{*0}$ $(e^+e^- \to \pi^0\omega K^0\bar{K}^* D^- D^{*+} D^{*0})$	10501	10407	1	17195
10503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^+ D^+ D^- D^{*0} D_s^-)$	10502	10408	1	17196
10504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0 K^*, \bar{B}^0 \to K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0 K^0\bar{K}^0 K^* K^{*-} D^+)$	10503	10409	1	17197
10505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- \bar{D}^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+\bar{D}^0)$	10504	10410	1	17198
10506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0 K^0\bar{K}^* K^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^- K^0 K^0\bar{K}^* K^- D^+ D^-)$	10505	10411	1	17199

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^{*-}D^+\bar{D}^0 D_1'^-)$	10506	10412	1	17200
10508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\bar{K}^*$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0\bar{K}^*K^+D^-)$	10507	10413	1	17201
10509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^+D^{*+})$	1602	1598	1	17202
10510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-})$	10509	10415	1	17203
10511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-})$	1603	1599	1	17204
10512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+K^-D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^+D^0)$	10511	10417	1	17205
10513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^*D^-D^{*+})$	10512	10418	1	17206
10514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^-K^{*+}D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^{*+}D^-D^-D^{*+})$	10513	10419	1	17207
10515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-}\bar{p}\Delta^+)$	10514	10420	1	17208
10516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+\bar{D}^0n\bar{\Delta}^0)$	10515	10421	1	17209
10517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*0}p\bar{\Delta}^+D_1^+)$	10516	10422	1	17210
10518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^{*0})$	10517	10423	1	17211
10519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^*D^+D^+\bar{D}^{*-})$	10518	10424	1	17212
10520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^+\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu D^+\Lambda\bar{\Sigma}^-D_1^-)$	10519	10425	1	17213
10521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*K^*D_s^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+K^*K^*D^+D_s^{*-})$	10520	10426	1	17214
10522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}D_{s0}^{*+})$	1604	1600	1	17215
10523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Sigma}^0\Sigma^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D^0\bar{\Sigma}^0\Sigma^{*0})$	10522	10428	1	17216

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0\bar{\Delta}^{++}\Sigma_c^{*++}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\bar{K}^0D^-\bar{\Delta}^{++}\Sigma_c^{*++})$	10523	10429	1	17217
10525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+K^+K^{*-}\bar{D}^{*-}D^0J/\psi)$	10524	10430	1	17218
10526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+J/\psi, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+p\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^+J/\psi p\bar{\Sigma}^-)$	10525	10431	1	17219
10527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\bar{D}^0D^{*0})$	10526	10432	1	17220
10528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\eta\omega D^+\bar{D}^{*-})$	10527	10433	1	17221
10529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-D^-D_1^+)$	10528	10434	1	17222
10530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^{*+}D^-D^0$ $(e^+e^- \to e^+\nu_eK^{*+}D^-\bar{D}^{*-}D^0)$	10529	10435	1	17223
10531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^{*-}D^-D^{*+})$	10530	10436	1	17224
10532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c^{\prime -}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^{*+}n\bar{\Xi}_c^{\prime -})$	10531	10437	1	17225
10533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-D^+D^{*+})$	10532	10438	1	17226
10534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^-D^{*+}D^{*+}D_s^-)$	10533	10439	1	17227
10535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+D_s^-n\bar{\Sigma}_c^0)$	10534	10440	1	17228
10536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0K^0D^+D^{*+}\bar{D}^{*-}D_s^-)$	10535	10441	1	17229
10537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^+\eta\omega\omega D^+\bar{D}^{*-}a_1^-)$	10536	10442	1	17230
10538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^{\prime -}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*0}\bar{D}^{*0}D_1^{\prime -})$	10537	10443	1	17231
10539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^{\prime 0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}J/\psi K_1^{\prime 0})$	10538	10444	1	17232
10540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0})$	1605	1601	1	17233

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	10540	10446	1	17234
10542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^0D_s^+)$	10541	10447	1	17235
10543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-})$	10542	10448	1	17236
10544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+K^-\eta_c$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^-D^{*+}\eta_c)$	10543	10449	1	17237
10545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	10544	10450	1	17238
10546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0\Delta^+\bar{\Sigma}^-)$	10545	10451	1	17239
10547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*\bar{D}^0, \bar{B}^0 \to \pi^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \rho^0\pi^-K^*D^+\bar{D}^0\bar{\Delta}^-\Delta^-)$	10546	10452	1	17240
10548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to K^-\bar{\Lambda}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^+K^-D^-n\bar{n}\bar{\Lambda}\Xi_c'^+)$	1606	1602	1	17241
10549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}n\bar{\Delta}^+)$	10548	10453	1	17242
10550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	10549	10454	1	17243
10551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	10550	10455	1	17244
10552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^-D^+D^-\bar{D}^{*0}D_s^+)$	1607	1603	1	17245
10553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^*D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	10552	10457	1	17246
10554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^-D^{*+}D_{s1}^+)$	10553	10458	1	17247
10555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^0K^*K^-D^{*+}\eta_c)$	10554	10459	1	17248
10556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\eta_c)$	10555	10460	1	17249
10557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	22	22	1	17250

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^-D^{*+}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to K^*\bar{K}^*K^-D^{*+}\bar{\Delta}^+\Sigma_c^+)$	10557	10462	1	17251
10559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}K^{*+}K^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-K^{*+}K^{*+}K^{*-}D^+)$	10558	10463	1	17252
10560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^{*+}D^-D^{*+}D^0D_s^{*-})$	10559	10464	1	17253
10561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\rho^-\eta\eta\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-\eta\eta D^{*+}\bar{\Delta}^+\Delta^{++})$	10560	10465	1	17254
10562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+D^+)$	10561	10466	1	17255
10563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	10562	10467	1	17256
10564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^{*+}D^{*+}\bar{D}^0n\bar{n})$	10563	10468	1	17257
10565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega D^+\bar{D}^{*-})$	10564	10469	1	17258
10566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^0\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^0D^{*0}\bar{D}^{*0}\bar{n}p)$	10565	10470	1	17259
10567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-K^*K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^*K^{*-}D^-D^{*+})$	1609	1605	1	17260
10568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+\bar{n}\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-}\bar{n}\Delta^0)$	10567	10472	1	17261
10569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+D^-, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\rho^+K^0D^+D^-\bar{p}\Sigma_c^{*0})$	10568	10473	1	17262
10570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+D^+D_0^{*-})$	10569	10474	1	17263
10571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-\eta\bar{K}^0K^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0\bar{K}^*K^+J/\psi)$	10570	10475	1	17264
10572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to K^*\bar{\Sigma}^{*0}\Omega_c^0$ $(e^+e^- \to K^*K^{*+}D^-D^{*0}\bar{\Sigma}^{*0}\Omega_c^0)$	10571	10476	1	17265
10573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-\eta'\bar{D}^{*-}D_s^{*+})$	10572	10477	1	17266
10574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	10573	10478	1	17267

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e X_u^-, B^0 \to \pi^+\pi^-\eta\eta K^+K^{*-}\bar{D}^0$ $(e^+e^- \to e^+\nu_e X_u^-\pi^+\pi^-\eta\eta K^+K^{*-}\bar{D}^0)$	10574	10479	1	17268
10576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_2^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta K^0\bar{K}^0D^+D_2^{*-})$	10575	10480	1	17269
10577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*K^-K^{*+}D^0J/\psi)$	10576	10481	1	17270
10578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \rho^0\bar{K}^0K^+K^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\omega\bar{K}^0K^+K^{*-}D^-D^0)$	10577	10482	1	17271
10579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^0\bar{K}^0\bar{D}^{*-}D_1^-)$	10578	10483	1	17272
10580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\omega D^-$ $(e^+e^- \to \pi^+\omega D^-\bar{D}^{*-}a_1^+)$	10579	10484	1	17273
10581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}a_1^-)$	10580	10485	1	17274
10582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	10581	10486	1	17275
10583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+K^*K^-D^+\bar{D}^{*-}p\bar{p})$	10582	10487	1	17276
10584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \pi^+\rho^-K^*D^-D^0D_1^+)$	10583	10488	1	17277
10585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}^+)$	10584	10489	1	17278
10586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\omega K^{*-}J/\psi$ $(e^+e^- \to \pi^0\pi^+\omega K^*K^{*-}D^{*0}\bar{D}^{*0}J/\psi)$	10585	10490	1	17279
10587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega D^+, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\omega K^+K^-D^+D^{*+})$	10586	10491	1	17280
10588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-D^{*+}\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^-\pi^-D^-D^{*+}D_s^{*+}\bar{p}\Delta^{++})$	10587	10492	1	17281
10589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+D^0D_s^{*-}D_0^{*-})$	10588	10493	1	17282
10590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^{*+}D^-\gamma, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^0\bar{K}^0K^{*+}D^-D^-D^0\gamma)$	10589	10494	1	17283
10591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	1610	1606	1	17284

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \bar{K}^0 K^- D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+)$	10591	10496	1	17285
10593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^0\bar{K}^0\bar{K}^*K^+D^-$ $(e^+e^- \to e^+\nu_e K^0\bar{K}^0\bar{K}^*K^+D^-\bar{D}^{*-})$	10592	10497	1	17286
10594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0K^*\bar{K}^*, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^0K^*\bar{K}^*K^+\bar{D}^{*-}D^{*0})$	10593	10498	1	17287
10595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+K^0K^-D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0K^-D^-D^{*+})$	10594	10499	1	17288
10596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega K^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^+D^-D^-)$	10595	10500	1	17289
10597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \eta\omega K^*K^{*-}D^+$ $(e^+e^- \to \rho^-\eta\omega K^*K^{*-}D^+D^+)$	10596	10501	1	17290
10598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^-\bar{p}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\omega D^+D^-\bar{p}\Delta^{++})$	10597	10502	1	17291
10599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+})$	10598	10503	1	17292
10600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-K^-D^+\bar{D}^0\bar{D}^{*0})$	10599	10504	1	17293
10601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^+D^{*0})$	10600	10505	1	17294
10602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^*D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega K^*D_s^-D_1'^+)$	10601	10506	1	17295
10603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+D^-\bar{n}p)$	10602	10507	1	17296
10604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}\bar{D}^{*-}D_1'^+)$	10603	10508	1	17297
10605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^0K^{*-}D^{*+}\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^-)$	10604	10509	1	17298
10606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-})$	79	79	1	17299
10607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^{*-}D^+D^-)$	10606	10511	1	17300
10608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^{*-}D^+\bar{D}^0\bar{D}^{*0}D_s^+)$	10607	10512	1	17301

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+D^+D^-)$	10608	10513	1	17302
10610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^+\rho^-K^0K^-D^+D_2^{*-}D_s^{*+})$	10609	10514	1	17303
10611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \bar{K}^*D^-J/\psi\bar{\Sigma}^0\Sigma^+)$	10610	10515	1	17304
10612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D_1^-\chi_{c1})$	10611	10516	1	17305
10613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^-K^0K^+K^-K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^+K^-K^{*-}D^{*+}D_1^-)$	10612	10517	1	17306
10614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	10613	10518	1	17307
10615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	10614	10519	1	17308
10616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^+D^+D^-)$	10615	10520	1	17309
10617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \rho^+n\bar{\Lambda}_c^-\gamma$ $(e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*+}n\bar{\Lambda}_c^-\gamma)$	10616	10521	1	17310
10618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^{*-}D^+\bar{D}^{*-})$	10617	10522	1	17311
10619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega D^-D^{*+})$	10618	10523	1	17312
10620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^+D^{*+}D_{s1}'^-)$	10619	10524	1	17313
10621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^{*+}D_s^{*-}J/\psi)$	10620	10525	1	17314
10622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\eta D^+D^-)$	10621	10526	1	17315
10623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Delta}^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}p\bar{\Delta}^+)$	10622	10527	1	17316
10624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^-D^{*+}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*D^-D^{*+}D_2^{*+})$	10623	10528	1	17317
10625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D_2^{*+}D_1^-)$	10624	10529	1	17318

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D^{*+}a_1^-)$	10625	10530	1	17319
10627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\phi D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0\phi D^{*+}\bar{D}^{*-})$	10626	10531	1	17320
10628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}D_2^{*+}D_s^-)$	1612	1608	1	17321
10629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\bar{\Delta}^0\Sigma_c^{*+}, \bar{B}^0 \to \eta\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	10628	10533	1	17322
10630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega D^+D^-D_{s1}'^-)$	10629	10534	1	17323
10631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	10630	10535	1	17324
10632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	10631	10536	1	17325
10633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-D^-D^{*0}D_s^+p\bar{\Delta}^+)$	10632	10537	1	17326
10634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+K^*K^{*-}D^{*+}\bar{D}^{*-})$	10633	10538	1	17327
10635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	10634	10539	1	17328
10636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+K^-\bar{D}^{*-}D^0)$	10635	10540	1	17329
10637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\eta D^-D^{*+})$	10636	10541	1	17330
10638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^*K^+K^-D^+D^{*+}\bar{D}^{*-})$	10637	10542	1	17331
10639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	10638	10543	1	17332
10640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-D^{*+}\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^-D^-D^{*+}\bar{n}p\Sigma^+\bar{\Sigma}^-)$	10639	10544	1	17333
10641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}D^0)$	10640	10545	1	17334
10642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0D^-D^{*0})$	10641	10546	1	17335

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	1613	1609	1	17336
10644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\eta D^+D^-D_s^-)$	10643	10548	1	17337
10645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^0\omega$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta\omega D^-)$	1614	1610	1	17338
10646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	10645	10549	1	17339
10647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+K^0\bar{K}^*D^+D^-)$	10646	10550	1	17340
10648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K^{*+}D^+D^-D^{*0})$	10647	10551	1	17341
10649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to K^0K^+K^{*-}D^-D^{*+}D^0)$	10648	10552	1	17342
10650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\phi D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\phi D^+\bar{D}^{*-}D_s^{*-}\Sigma^0\bar{\Sigma}^0)$	10649	10553	1	17343
10651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^{*+}K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega K^{*+}K^{*-}D^-D^{*0})$	10650	10554	1	17344
10652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*K^-D^{*+}\bar{D}^{*-}n\bar{n})$	10651	10555	1	17345
10653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-})$	1615	1611	1	17346
10654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^-\omega\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}a_1^+)$	10653	10557	1	17347
10655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^+\rho^+\eta\bar{D}^{*-}\bar{p}\Sigma_c^0)$	10654	10558	1	17348
10656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	10655	10559	1	17349
10657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega D^+D^-)$	10656	10560	1	17350
10658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0)$	10657	10561	1	17351
10659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^*K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^0K^*K^{*-}D^+D^{*0}\bar{D}^{*0})$	10658	10562	1	17352

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^0 \bar{D}^0, \bar{B}^0 \to \pi^0\pi^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^- K^{*+} D^0 \bar{D}^0 D^{*0})$	10659	10563	1	17353
10661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+ \bar{D}^{*-} D_{s1}'^+)$	10660	10564	1	17354
10662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^- D^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta\eta' D^+ D^{*+})$	10661	10565	1	17355
10663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{\Delta}^0\Sigma_c^{*0} D_0^{*-})$	10662	10566	1	17356
10664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+\gamma, \bar{B}^0 \to \pi^0\rho^+\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0 D^- \bar{D}^{*-} D^0 D_s^+\gamma)$	10663	10567	1	17357
10665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^-\omega D^+ D^+)$	10664	10568	1	17358
10666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-\omega\eta'\bar{D}^{*0}, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\eta\omega\omega\eta' D^- \bar{D}^{*0})$	10665	10569	1	17359
10667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0 K^{*+} D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^- K^0\bar{K}^0 K^{*+} D^{*+} p\bar{\Sigma}_c^{*-})$	10666	10570	1	17360
10668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^- D^-, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^+\rho^-\rho^- D^-\bar{D}^{*-})$	10667	10571	1	17361
10669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^+ D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0 K^0 D^+ D^+ D^- D_s^-)$	10668	10572	1	17362
10670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*+})$	10669	10573	1	17363
10671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0 D^+ D^-\bar{D}^{*-})$	10670	2111	1	17364
10672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\eta_c, \bar{B}^0 \to \bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^* K^+ D^{*0}\bar{D}^{*0}\eta_c)$	10671	10574	1	17365
10673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \rho^+\bar{K}^* K^- D^{*+} D_1'^-)$	10672	10575	1	17366
10674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^0 D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^- D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^0 D^{*+} D^0\bar{D}^0\Delta^0\bar{\Delta}^+)$	10673	10576	1	17367
10675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \eta K^* K^- D^+$ $(e^+e^- \to e^+\nu_e\eta K^* K^- D^+ D^-)$	10674	10577	1	17368
10676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, B^0 \to \pi^-\rho^+ K^+ K^{*+} K^{*-} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^+ K^{*+} K^{*-} D^- D_s^{*-})$	10675	10578	1	17369

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	10676	10579	1	17370
10678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0D^{*0}D_0^{*-})$	10677	10580	1	17371
10679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D_1'^+D_1'^-)$	10678	10581	1	17372
10680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^+\chi_{c1})$	10679	10582	1	17373
10681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\Delta^0\bar{\Sigma}_c^-)$	10680	10583	1	17374
10682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D^0)$	10681	10584	1	17375
10683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^*D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}n\bar{p})$	10682	10585	1	17376
10684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \eta\bar{K}^*J/\psi$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^*J/\psi D_1^-)$	10683	10586	1	17377
10685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}n\bar{p}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\bar{K}^*D^{*+}D^{*+}\bar{D}^0n\bar{p})$	10684	10587	1	17378
10686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^-, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\omega\bar{D}^{*-})$	10685	10588	1	17379
10687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-})$	10686	10589	1	17380
10688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+\Delta^0\bar{\Sigma}_c^0)$	10687	10590	1	17381
10689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^+D^{*+}\bar{D}^{*-})$	10688	10591	1	17382
10690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0)$	10689	10592	1	17383
10691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0\bar{K}^0K^*, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0\bar{K}^0K^*D_s^-D_1^+)$	10690	10593	1	17384
10692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma^+)$	10691	10594	1	17385
10693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-}D_2^{*+})$	10692	10595	1	17386

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}D^0D_s^-)$	10693	10596	1	17387
10695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^+K^-K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^+K^-K^-D^{*+}D^{*+}a_1^-)$	1616	1612	1	17388
10696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to \rho^+\eta\bar{K}^0\bar{K}^0K^+D^-D^-D^0)$	10695	10598	1	17389
10697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+K^0K^-D^+D^-)$	10696	10599	1	17390
10698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0D^+\Delta^0\bar{\Sigma}_c^0a_1^-)$	10697	10600	1	17391
10699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	10698	10601	1	17392
10700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^*K^+D^-D^{*+})$	10699	10602	1	17393
10701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\bar{K}^0K^-K^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\bar{K}^0K^-K^{*+}D_1^-)$	10700	10603	1	17394
10702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^-K^{*+}D^-D^{*+})$	10701	10604	1	17395
10703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Sigma}_c^{*-}, B^0 \to \pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^+\pi^-\bar{D}^0D_s^+n\bar{\Sigma}_c^{*-})$	10702	10605	1	17396
10704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\omega D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^+\bar{D}^{*-}p\bar{\Lambda}_c^-)$	10703	10606	1	17397
10705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	1617	1613	1	17398
10706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	10705	10608	1	17399
10707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\omega K^*K^-D^-D^{*+}a_1^+)$	10706	10609	1	17400
10708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\omega K^-\Delta^{++}\bar{\Sigma}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\omega K^-D^+\Delta^{++}\bar{\Sigma}^0)$	1618	1614	1	17401
10709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^0)$	10708	10611	1	17402
10710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-K^+K^{*+}D_s^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega K^+K^{*+}D^{*+}D_s^{*-})$	10709	10612	1	17403

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^+, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega D^+ D^{*+})$	10710	10613	1	17404
10712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^- K^0\bar{\Delta}^-\Sigma^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^- K^0 D^{*+}\bar{\Delta}^-\Sigma^-)$	10711	10614	1	17405
10713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0 K^* D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^* D^- D^0)$	10712	10615	1	17406
10714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta' D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\eta' D^+ D^-)$	10713	10616	1	17407
10715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^0 n\bar{n})$	10714	10617	1	17408
10716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^0 D^+\bar{D}^{*0}, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^- K^0 D^+ D^0\bar{D}^{*0} p\bar{\Delta}^+)$	10715	10618	1	17409
10717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^- K^- K^{*+} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^- K^- K^{*+} D^+\bar{D}^{*-})$	10716	10619	1	17410
10718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta\eta' D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\eta\eta\eta' D^{*+} D^{*+})$	10717	10620	1	17411
10719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-} a_1^+)$	10718	10621	1	17412
10720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^* K^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta K^* K^- D^+\bar{D}^{*-})$	10719	10622	1	17413
10721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-\Delta^0\bar{\Delta}^0, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^+ D^- D^{*+} D_s^-\Delta^0\bar{\Delta}^0)$	10720	10623	1	17414
10722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^0 K^+ D^- D^{*+})$	10721	10624	1	17415
10723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0 D^{*0} D_s^{*+} D_1'^-)$	10722	10625	1	17416
10724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-} D_s^-)$	10723	10626	1	17417
10725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+\gamma$ $(e^+e^- \to \pi^0\rho^-\eta K^0 D^+ D^+ D^-\gamma)$	10724	10627	1	17418
10726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\omega K^* K^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega K^* K^+ K^- K^- D^+\bar{D}^{*-})$	10725	10628	1	17419
10727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ K^+ K^{*-} D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+ K^{*-} D^- D^{*+})$	10726	10629	1	17420

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, B^0 \to \pi^0\pi^+\rho^-D^-\bar{\Delta}^-n$ $(e^+e^- \to \pi^0\pi^+\rho^-K^*D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^-n)$	10727	10630	1	17421
10729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^0)$	10728	10631	1	17422
10730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^*D^0\bar{D}^{*0}\bar{n}\Sigma_c^{*+})$	10729	10632	1	17423
10731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0D_s^{*+})$	10730	10633	1	17424
10732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\eta\omega D^+D^-)$	10731	10634	1	17425
10733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	10732	10635	1	17426
10734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^0\bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	10733	10636	1	17427
10735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \eta D^+D_s^{*-}$ $(e^+e^- \to \eta\eta D^+D_s^{*-}\Delta^+\bar{\Sigma}_c^{*-})$	1619	1615	1	17428
10736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{D}^{*-}D_{s0}^{*+})$	1620	1616	1	17429
10737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	10736	10639	1	17430
10738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta'D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\eta'D^{*+}n\bar{\Sigma}_c^{*0})$	10737	10640	1	17431
10739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^+D^-)$	10738	10641	1	17432
10740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^-\eta\omega D^+\bar{D}^{*0})$	10739	10642	1	17433
10741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-\eta K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^*K^{*-}D^+p\bar{\Sigma}_c^-)$	10740	10643	1	17434
10742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D_s^+D_s^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^+D_s^-)$	10741	10644	1	17435
10743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	10742	10645	1	17436
10744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-D^0\Delta^-\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta'\bar{D}^{*-}D^0\Delta^-\bar{\Delta}^+)$	10743	10646	1	17437

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^0K^+D^+D^-)$	1621	1059	1	17438
10746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^0, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^0D^{*0}D_s^{*-})$	10745	10648	1	17439
10747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^-\bar{\Lambda}, \bar{B}^0 \to \rho^-\eta'D^+$ $(e^+e^- \to \pi^+\rho^-\eta'D^+\Delta^-\bar{\Lambda})$	10746	10649	1	17440
10748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega\omega D^+\bar{D}^{*-})$	10747	10650	1	17441
10749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}D_{s0}^{*+})$	10748	10651	1	17442
10750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\bar{D}^{*0}D_1^+)$	10749	10652	1	17443
10751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	10750	10653	1	17444
10752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+})$	10751	10654	1	17445
10753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega K^*D^{*+}\bar{D}^{*-})$	10752	10655	1	17446
10754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0D^-\bar{\Delta}^-\Delta^0\bar{\Delta}^+\Sigma_c^+)$	10753	10656	1	17447
10755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+D^0D_s^-D_1^-)$	10754	10657	1	17448
10756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+D^{*+})$	10755	10658	1	17449
10757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	10756	10659	1	17450
10758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	10757	10660	1	17451
10759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}\psi')$	10758	10661	1	17452
10760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\omega K^+D^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^+D^-D^-)$	10759	10662	1	17453
10761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	10760	10663	1	17454

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\omega K^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-\omega K^{*+}D^{*+})$	10761	10664	1	17455
10763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0K^*D^+D^{*+}\bar{D}^{*-}D_s^-)$	10762	10665	1	17456
10764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D_s^+\bar{n}\Sigma^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D_s^+\bar{n}\Sigma^{*-})$	10763	10666	1	17457
10765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega K^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\eta\omega\omega K^0\bar{D}^{*-}D_s^{*-})$	10764	10667	1	17458
10766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}a_1^-)$	10765	10668	1	17459
10767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^-D^{*+})$	10766	10669	1	17460
10768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\gamma)$	10767	10670	1	17461
10769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^0\omega\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\omega\omega K^0K^-D^+D^-)$	10768	10671	1	17462
10770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^0K^-D^+n\bar{\Lambda}_c^-)$	10769	10672	1	17463
10771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\pi^-\rho^+D^+D_1^+)$	10770	10673	1	17464
10772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to K^0\bar{K}^0D^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau K^0\bar{K}^0D^+D^-D_s^-)$	10771	10674	1	17465
10773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	10772	10675	1	17466
10774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0D^-D^0\bar{D}^0D_s^{*+})$	10773	10676	1	17467
10775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \omega\bar{K}^*K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\omega\bar{K}^*K^+D^-\bar{D}^{*-})$	10774	10677	1	17468
10776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta K^0K^-D^+\bar{D}^{*-})$	10775	10678	1	17469
10777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0})$	10776	10679	1	17470
10778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	10777	10680	1	17471

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}D^{*0}D_s^-)$	10778	10681	1	17472
10780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0K_2^{*0}K^{*+}D^-J/\psi)$	10779	10682	1	17473
10781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}p\bar{\Sigma}_c^0)$	10780	10683	1	17474
10782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^+\bar{\Delta}^+\Xi_c^{*+})$	10781	10684	1	17475
10783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi D^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-\phi D^+D^-D^{*+}\bar{D}^{*0})$	10782	10685	1	17476
10784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0D_s^-, \bar{B}^0 \to \pi^-\eta\bar{K}^0K^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0K^+D_s^-)$	10783	10686	1	17477
10785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\Delta^0\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^{*+}\Delta^0\bar{\Xi}_c'^0)$	10784	10687	1	17478
10786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+D^+D^-)$	10785	10688	1	17479
10787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-K^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-K^{*+}D^{*+})$	10786	10689	1	17480
10788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\eta K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\eta K^{*+}D^{*+}\bar{D}^{*0})$	1622	1617	1	17481
10789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega\bar{K}^0K^+K^-\bar{D}^{*-}D^0)$	10788	10691	1	17482
10790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^+\bar{K}^0D^-D^{*0}D_0^{*-})$	10789	10692	1	17483
10791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\eta D^+D^-D_s^+)$	10790	10693	1	17484
10792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\omega\omega D^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega\omega D^-\bar{D}^{*-})$	10791	10694	1	17485
10793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_0^{*+})$	10792	10695	1	17486
10794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	10793	10696	1	17487
10795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+D^-\bar{n}p, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^+D^-\bar{n}\Delta^0p\bar{\Delta}^+)$	1623	1618	1	17488

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	10795	10698	1	17489
10797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+D^-D_s^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+K^-D^+D^-\bar{D}^0D_s^{*+})$	10796	10699	1	17490
10798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^*D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^*\bar{D}^0D_s^{*+})$	10797	10700	1	17491
10799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^+D^-n\bar{p})$	10798	10701	1	17492
10800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-K^+K^-D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^+K^-D^+D^-D_s^{*-})$	10799	10702	1	17493
10801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^*K^-D^{*+}\bar{D}^{*0}D_s^{*+})$	10800	10703	1	17494
10802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\rho^-\eta D^+D^{*+})$	10801	10704	1	17495
10803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\pi^0\rho^+D^-\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^+D^-D^-D_s^+\gamma)$	10802	10705	1	17496
10804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta D^+D^-)$	10803	10706	1	17497
10805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^+K^-\bar{p}\Sigma_c^0\chi_{c1})$	10804	10707	1	17498
10806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-})$	10805	10708	1	17499
10807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^-\omega\bar{K}^0K^+D^-D_1'^+)$	10806	10709	1	17500
10808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}\gamma, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^{*+}D_s^{*-}\gamma)$	10807	10710	1	17501
10809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, B^0 \to \pi^0\pi^+D^-n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\rho^+D^-\bar{D}^{*-}n\bar{n}\gamma)$	10808	10711	1	17502
10810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\eta\bar{D}^{*0}D_0^{*+})$	10809	10712	1	17503
10811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^-\bar{K}^0K^*K^+, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^-\rho^-\omega\omega\bar{K}^0K^*K^+D^+)$	10810	10713	1	17504
10812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^{*+}\bar{D}^{*-})$	10811	4519	1	17505

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\Sigma^-\bar{\Xi}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Sigma^-\bar{\Xi}^+)$	10812	10714	1	17506
10814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \omega\bar{D}^{*-}D_s^+\bar{\Delta}^0\Sigma_c^{*0})$	10813	10715	1	17507
10815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+)$	10814	10716	1	17508
10816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+K^+K^{*-}D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+K^+K^{*-}D^-\bar{D}^{*-})$	10815	10717	1	17509
10817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	10816	10718	1	17510
10818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0K^*D^+\bar{D}^{*-})$	10817	10719	1	17511
10819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^{*-}D_s^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^{*-}D^{*+}D_s^+)$	10818	10720	1	17512
10820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*-}\bar{n}p)$	10819	10721	1	17513
10821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^+D^-D^-)$	10820	10722	1	17514
10822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0J/\psi, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{D}^{*0}J/\psi)$	10821	10723	1	17515
10823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^{*+}D^{*+})$	10822	10724	1	17516
10824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+\bar{D}^{*0}\bar{n}\Delta^0)$	10823	10725	1	17517
10825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\omega\omega K^{*-}D^+D^-\bar{D}^0)$	10824	10726	1	17518
10826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Sigma}_c^-)$	10825	10727	1	17519
10827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta\omega\omega D^+D^{*+})$	10826	10728	1	17520
10828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0\bar{K}^*D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega K^0\bar{K}^0\bar{K}^*D^{*+}D_0^{*-})$	80	80	1	17521
10829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^+\bar{D}^0D_s^{*+})$	1625	1620	1	17522

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^- K^{*+} D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\omega K^- K^{*+} D^{*+} D^0)$	10829	10731	1	17523
10831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^+\bar{D}^0)$	10830	10732	1	17524
10832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega K^0 D^+\bar{D}^{*-})$	10831	10733	1	17525
10833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^+\pi^+K^-\Delta^0\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\pi^+K^0K^-D^-D^{*+}\Delta^0\bar{\Lambda}_c^-)$	1626	1621	1	17526
10834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0\bar{\Sigma}^+\Sigma^0)$	10833	10735	1	17527
10835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-\omega K^+D^0\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0)$	1627	1622	1	17528
10836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	10835	10737	1	17529
10837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}n\bar{n})$	10836	10738	1	17530
10838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^-D^{*+})$	10837	10739	1	17531
10839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\eta D^-D^{*+})$	10838	10740	1	17532
10840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	10839	10741	1	17533
10841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^+\bar{D}^{*-}p\bar{p})$	10840	10742	1	17534
10842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^0\bar{n}\Delta^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^-D^0\bar{n}\Delta^0)$	10841	10743	1	17535
10843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^-D_{s1}'^+\gamma)$	10842	10744	1	17536
10844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\eta K^{*+}D_s^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^{*+}\bar{D}^{*-}D_s^{*-})$	10843	10745	1	17537
10845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0D^{*+}\bar{D}^0)$	10844	10746	1	17538
10846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega D^+D^-)$	1628	1623	1	17539

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\omega\bar{D}^0\bar{n}p, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^0\bar{n}pD'^-_{s1})$	1629	1624	1	17540
10848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^0)$	10847	10749	1	17541
10849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta K^-K^{*+}D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^+\eta\eta K^-K^{*+}K^{*-}D^+D^-\bar{D}^0)$	1630	1625	1	17542
10850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega\bar{K}^0K^+D^-D^{*+})$	10849	10751	1	17543
10851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+D^-D_s^+D_s^-)$	10850	10752	1	17544
10852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-\omega K^0D^+D^{*+}\bar{D}^{*-}p\bar{p})$	10851	10753	1	17545
10853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^0)$	10852	10754	1	17546
10854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta'D^-, \bar{B}^0 \to \pi^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta'D^-D^{*+}D_s^-)$	10853	10755	1	17547
10855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	10854	10756	1	17548
10856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^+K^0K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^0K^-D^-D^{*+}\bar{D}^{*-}\bar{n}p)$	1631	1626	1	17549
10857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^-D^0D_s^-D_s^{*+})$	10856	10757	1	17550
10858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^0D_s^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^0D_s^-)$	10857	10758	1	17551
10859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	10858	10759	1	17552
10860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-D^-\bar{n}p, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}\bar{n}p)$	10859	10760	1	17553
10861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Sigma^-\bar{\Xi}_c^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+D^+D_s^-\Sigma^-\bar{\Xi}_c^0)$	10860	10761	1	17554
10862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-\eta\omega\omega K^0D^+\bar{D}^0)$	10861	10762	1	17555
10863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D'^-_1, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\bar{D}^{*-}\bar{n}pD'^-_1)$	10862	10763	1	17556

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta D^{*+}\bar{D}^0)$	10863	10764	1	17557
10865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^- K^+K^- D^+$ $(e^+e^- \to \pi^- K^+K^+K^- D^+\bar{D}^{*-}D^{*0})$	10864	10765	1	17558
10866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\eta D^- D^{*+})$	1632	1627	1	17559
10867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^+\bar{D}^{*-})$	10866	10767	1	17560
10868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to K^0K^{*-}\phi D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0K^{*-}\phi D^{*+}D^{*+})$	10867	10768	1	17561
10869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^*K^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- K^*K^- D^+D^{*+})$	10868	10769	1	17562
10870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^-\rho^- D^{*+}\bar{\Delta}^0\Sigma_c^+)$	10869	10770	1	17563
10871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\rho^+ K^0K^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+ K^0K^- D^- D^{*+})$	10870	10771	1	17564
10872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\omega D^-\bar{n}p, B^0 \to \pi^0\pi^+\eta\eta\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta\omega D^-\bar{D}^{*-}n\bar{n}\bar{n}p)$	10871	10772	1	17565
10873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^- D^+D^{*+})$	10872	10773	1	17566
10874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^- K^0\bar{K}^0 D^+D^-)$	10873	10774	1	17567
10875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ K^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+ K^*D^- D^{*+})$	1633	1628	1	17568
10876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0 D^- D^{*+})$	10875	10776	1	17569
10877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\chi_{c0}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \rho^0 K_L\pi^-\rho^+\rho^- D^{*+}\chi_{c0})$	10876	10777	1	17570
10878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^- D^{*+})$	10877	10778	1	17571
10879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^0 D^{*+}\bar{D}^{*-}\Delta^-\bar{p})$	10878	10779	1	17572
10880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0\bar{n}\Xi_c'^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^0 D^+\bar{n}\Xi_c'^0)$	10879	10780	1	17573

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\omega\omega\bar{D}^{*-}D^{*0})$	10880	10781	1	17574
10882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \pi^0K^*D^-D^{*+}$ $(e^+e^- \to \pi^0K^*D^-D^{*+}\bar{D}^{*-}D_s^+)$	10881	10782	1	17575
10883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^-D^0\bar{D}^{*0}D_0^{*-})$	10882	10783	1	17576
10884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \rho^-\bar{D}^0\bar{\Delta}^0\Delta^+\bar{\Delta}^+\Sigma_c^{*+})$	10883	10784	1	17577
10885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+J/\psi, \bar{B}^0 \to \pi^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^0K^+K^-D^{*+}J/\psi)$	10884	10785	1	17578
10886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^+D^-)$	10885	10786	1	17579
10887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to K^+D^+D^-D^{*0}D_{s1}'^-)$	10886	10787	1	17580
10888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	10887	10788	1	17581
10889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{K}^0\bar{K}^*K^+K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\bar{K}^0\bar{K}^*K^+K^+K^+K^-D^-D^0)$	1634	1629	1	17582
10890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+K^*D^-D^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+K^*K^+K^-D^-\bar{D}^{*-}D^0)$	1635	1630	1	17583
10891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-\eta_c)$	10890	10791	1	17584
10892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\omega D^-D^{*0})$	1636	1631	1	17585
10893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^{*+}J/\psi, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*K^{*+}D^-D^0J/\psi)$	10892	10793	1	17586
10894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^*K^{*-}D_s^+$ $(e^+e^- \to \tau^+\nu_\tau K^0\bar{K}^*K^{*-}\bar{D}^{*-}D_s^+)$	10893	10794	1	17587
10895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \rho^0\rho^-\bar{K}^0K^+K^-K^{*+}D^{*+}\bar{D}^{*-})$	10894	10795	1	17588
10896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\eta D^-D^{*0}\Delta^+\bar{\Delta}^+)$	10895	10796	1	17589
10897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\omega\bar{K}^0D^-D^0\bar{D}^0)$	10896	10797	1	17590

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\bar{K}^*J/\psi$ $(e^+e^- \to \rho^0\bar{K}^*\bar{D}^{*-}D_s^+J/\psi)$	10897	10798	1	17591
10899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta D^-D^{*0})$	10898	10799	1	17592
10900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^{*0}a_1^+)$	10899	10800	1	17593
10901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^0\bar{K}^*K^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-\omega K^0\bar{K}^*K^+D^+D_s^{*-})$	10900	10801	1	17594
10902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^-D^{*+}a_1^+)$	10901	10802	1	17595
10903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to \tau^+\nu_\tau\omega\bar{D}^{*-}D^0)$	1637	1632	1	17596
10904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^0D^{*+}\bar{D}^0)$	10903	10804	1	17597
10905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*0})$	10904	10805	1	17598
10906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta D^+D_2^{*+}D_s^-)$	10905	10806	1	17599
10907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D^{*0})$	10906	10807	1	17600
10908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^{*+}\bar{D}^{*0})$	10907	10808	1	17601
10909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^-\omega K^-D^+D^{*+}\bar{D}^0)$	10908	10809	1	17602
10910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^{*-}D^-D^{*+}\bar{D}^{*0})$	10909	10810	1	17603
10911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega D^0\bar{D}^{*0})$	10910	10811	1	17604
10912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}D^0)$	10911	10812	1	17605
10913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-K^0D^+\bar{D}^0D^{*0})$	10912	10813	1	17606
10914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^-D^{*+})$	10913	10814	1	17607

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}D_{s1}^+)$	10914	10815	1	17608
10916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	10915	10816	1	17609
10917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^{*+}D_1'^-)$	10916	10817	1	17610
10918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^-D^{*+})$	10917	10818	1	17611
10919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	10918	10819	1	17612
10920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\eta K^+K^-D^-$ $(e^+e^- \to \pi^+\eta K^+K^-D^-\bar{D}^{*-}D_s^{*+})$	10919	10820	1	17613
10921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\eta'D^+D^{*+})$	10920	10821	1	17614
10922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^+\bar{D}^0D_s^-)$	10921	10822	1	17615
10923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta'D^{*+}\bar{D}^{*-})$	10922	10823	1	17616
10924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0\bar{\Delta}^-n)$	10923	10824	1	17617
10925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^+\bar{\Lambda}\Sigma^0)$	10924	10825	1	17618
10926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^0D^+D^{*+})$	10925	10826	1	17619
10927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0})$	10926	10827	1	17620
10928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*-}D_{s1}'^+)$	10927	10828	1	17621
10929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*0})$	10928	10829	1	17622
10930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+)$	10929	8085	1	17623
10931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+K^-D^-D^{*+})$	10930	10830	1	17624

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^+\bar{K}^* n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^* D^+ n\bar{p})$	10931	10831	1	17625
10933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^* J/\psi, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^- K^* D^{*0} J/\psi)$	10932	10832	1	17626
10934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+ D^{*+} D_s^-)$	10933	10833	1	17627
10935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^0 K^{*-} D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\eta K^0 K^{*-} D^+ D_1'^+)$	10934	10834	1	17628
10936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-} D^{*0} a_1^+)$	10935	10835	1	17629
10937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^- D^{*0} D_{s0}^{*+})$	10936	10836	1	17630
10938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0 K^+ D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0 K^+ D^+ D^+ D_s^{*-})$	1638	1633	1	17631
10939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^-\eta\bar{K}^* D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\eta\eta\bar{K}^* D^- D^{*+})$	10938	10838	1	17632
10940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^0 D^- D^{*+} D_s^- D_s^{*+})$	10939	10839	1	17633
10941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega, B^0 \to \pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^-)$	10940	10840	1	17634
10942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- D^-\bar{n}\Delta^{++}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^- D^- D^{*+}\bar{n}\Delta^{++})$	10941	10841	1	17635
10943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to K^* D^+ D_s^{*-}$ $(e^+e^- \to e^+\nu_e X_u^- K^* D^+ D_s^{*-})$	10942	10842	1	17636
10944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^+ D^+\bar{D}^{*-} D^{*0})$	10943	10843	1	17637
10945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^- K^- K^{*+}$ $(e^+e^- \to \pi^+\eta K^* K^- K^-\bar{K}^{*+} D^+\bar{D}^{*-})$	10944	10844	1	17638
10946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- K^+ K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- K^+ K^- D^- D^{*+})$	10945	10845	1	17639
10947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^* D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^* D^+ D^+ D^-)$	10946	10846	1	17640
10948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^+\pi^- D^+ D^-$ $(e^+e^- \to \pi^+\pi^- K^0 D^+ D^+ D^- D^-)$	1639	1634	1	17641

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-})$	10948	10848	1	17642
10950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^-\bar{D}^0 p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^-\bar{D}^0\bar{D}^{*0}p\bar{p})$	10949	10849	1	17643
10951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega\bar{K}^0K^+K^+K^-\bar{D}^{*-}D^0)$	10950	10850	1	17644
10952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0D_s^{*-})$	10951	10851	1	17645
10953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	10952	10852	1	17646
10954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^+\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+\eta'D^0\bar{D}^{*0}D_s^-)$	10953	10853	1	17647
10955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^-D^{*+}a_1^-)$	10954	10854	1	17648
10956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \eta\eta\omega K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\eta\eta\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	10955	10855	1	17649
10957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+}D_1^+)$	10956	10856	1	17650
10958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^+D_s^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^-K^+D^+D_s^-)$	10957	10857	1	17651
10959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+D^{*0}\bar{D}^{*0})$	10958	10858	1	17652
10960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+})$	10959	7596	1	17653
10961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	1640	1635	1	17654
10962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau D^0n\bar{n}D_0^{*-})$	10961	10860	1	17655
10963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	10962	10861	1	17656
10964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{n}p)$	10963	3256	1	17657
10965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^0\bar{D}^0\gamma, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0\gamma)$	1641	1636	1	17658

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^0K^{*+}K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	10965	10863	1	17659
10967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-D^{*+}D_1^+)$	10966	10864	1	17660
10968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to \pi^+\bar{K}^0D^-$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0K^+D^+D^-D^-)$	10967	10865	1	17661
10969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\bar{K}^0K^+D_2^{*+}\bar{D}^0)$	10968	10866	1	17662
10970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^0D_{s1}'^-)$	10969	10867	1	17663
10971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \omega K^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^-D^+D^-)$	10970	10868	1	17664
10972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-K^0\bar{K}^0D^{*+}D_2^{*+}D_s^{*-})$	10971	10869	1	17665
10973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}\bar{n}\Delta^+)$	10972	10870	1	17666
10974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-\rho^-D^{*+}D^{*+})$	10973	10871	1	17667
10975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^-D_s^{*+})$	10974	10872	1	17668
10976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^{*+}D^0)$	1642	1637	1	17669
10977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	10976	10874	1	17670
10978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\omega\omega\bar{K}^0D^+D^+\bar{D}^{*-}n\bar{\Delta}^+)$	10977	10875	1	17671
10979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-D^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\omega D^-D^0D^0D_s^-)$	10978	10876	1	17672
10980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	10979	10877	1	17673
10981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^+D^-D_s^{*-})$	10980	10878	1	17674
10982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	10981	10879	1	17675

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
10983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^- D^+ D^-)$	10982	10880	1	17676
10984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	10983	10881	1	17677
10985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^- D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^- D^+\Delta^0\bar{\Delta}^0 D_1'^-)$	338	338	1	17678
10986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\eta_c, \bar{B}^0 \to \rho^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^-\rho^- K^+ K^+ K^- D^{*+}\eta_c)$	10985	10882	1	17679
10987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-})$	10986	10883	1	17680
10988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0 K^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	10987	10884	1	17681
10989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L J/\psi, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to K_L\pi^-\rho^+\rho^- D^{*+} J/\psi)$	339	339	1	17682
10990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^+ D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^- K^+ D^+ D^- D^{*+})$	10989	10886	1	17683
10991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to K^* D^+ D^+ D^- D_s^-)$	10990	10887	1	17684
10992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{\Sigma}^0\Sigma^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0 K^*\bar{D}^{*-} D^{*0}\bar{\Sigma}^0\Sigma^{*0})$	10991	10888	1	17685
10993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \bar{K}^0 D^- D_s^+\bar{\Delta}^0\Sigma_c^0)$	10992	10889	1	17686
10994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-})$	10993	10890	1	17687
10995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^-\omega\bar{K}^* K^+ D^{*+} D^{*+})$	10994	10891	1	17688
10996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-} D_s^{*+})$	10995	10892	1	17689
10997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^0 D^-\bar{D}^{*-} D^{*0})$	10996	10893	1	17690
10998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^+ n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^- D^+ D^- n\bar{p})$	10997	10894	1	17691
10999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0 K^* K^*, \bar{B}^0 \to \pi^0\pi^- K^{*-} D^+ p\bar{\Lambda}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0 K^* K^* K^{*-} D^+ p\bar{\Lambda})$	340	340	1	17692

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	10999	10896	1	17693
11001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-D^+\bar{p}\Lambda_c^+)$	11000	10897	1	17694
11002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-K^0n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^+D^{*+}\bar{D}^{*-}n\bar{p})$	11001	10898	1	17695
11003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	11002	10899	1	17696
11004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*+}K^{*-}D^-D^{*+}D^{*0}\bar{D}^{*0})$	11003	10900	1	17697
11005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\rho^0\pi^+\eta\eta\bar{D}^{*-})$	11004	10901	1	17698
11006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\bar{K}^0K^*$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{K}^0K^*D^-)$	11005	10902	1	17699
11007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi)$	11006	10903	1	17700
11008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0D^{*0}\Delta^+\bar{\Sigma}_c^{*-})$	11007	10904	1	17701
11009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \eta\bar{D}^0D^{*0}$ $(e^+e^- \to \eta\bar{D}^0\bar{D}^0D^{*0}\bar{n}\Delta^0)$	11008	10905	1	17702
11010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^0\bar{K}^0D^+D^-)$	11009	10906	1	17703
11011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^{*+}D^{*+}\bar{D}^{*-})$	11010	10907	1	17704
11012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\rho^+D^+D^-)$	11011	10908	1	17705
11013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\rho^+\rho^-D^-)$	11012	10909	1	17706
11014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^*D^-D^{*+})$	11013	10910	1	17707
11015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\bar{D}^{*-}D_s^{*-})$	11014	10911	1	17708
11016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^-\eta K^-D^+D^+\bar{D}^{*0})$	11015	10912	1	17709

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0 D^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-})$	11016	10913	1	17710
11018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	11017	10914	1	17711
11019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-}\chi_{c1})$	11018	10915	1	17712
11020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^+D^-D^{*+}D^{*0})$	1646	1641	1	17713
11021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^0K^0\bar{K}^0K^-D^+\bar{D}^0D_s^+)$	1647	1642	1	17714
11022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{K}^*K^+D^-, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega\omega\bar{K}^*K^+D^-\bar{D}^{*-})$	11021	10918	1	17715
11023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\eta K^0D^{*+}D^{*0}\bar{D}^{*0}D_s^{*-})$	11022	10919	1	17716
11024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}p\bar{\Sigma}_c^{--})$	11023	10920	1	17717
11025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0K^0D^{*+}D_s^-p\bar{\Lambda}_c^-)$	11024	10921	1	17718
11026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0})$	11025	10922	1	17719
11027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega D^+, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^-\pi^-\eta\omega\bar{K}^0D^+D^+\bar{D}^0)$	11026	10923	1	17720
11028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^0\bar{K}^0K^{*-}D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^0\bar{K}^0K^{*-}\bar{D}^{*-}D^{*0})$	341	341	1	17721
11029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, B^0 \to \pi^0\pi^-K^{*+}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^{*+}D^-D^0\bar{D}^{*0})$	11028	10925	1	17722
11030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^-D^{*+}a_1^+)$	11029	10926	1	17723
11031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^{*+}D^+D^-D^0)$	11030	10927	1	17724
11032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	11031	10928	1	17725
11033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	11032	10929	1	17726

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^+K^{*-}D^{*+}\bar{D}^{*-})$	11033	10930	1	17727
11035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}\bar{p}\Delta^{++})$	11034	10931	1	17728
11036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-K^-D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+K^-D^+D^-D^-)$	11035	10932	1	17729
11037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-}D^0)$	11036	10933	1	17730
11038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}D'^+_{s1})$	1649	1644	1	17731
11039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\omega K^{*+}K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^{*+}K^{*-}D^+D_1^-)$	11038	10935	1	17732
11040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^-K^{*+}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-})$	11039	10936	1	17733
11041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-K^{*-}\bar{D}^{*-})$	11040	10937	1	17734
11042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}D_s^-)$	11041	10938	1	17735
11043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^+\bar{D}^{*-}D^0)$	1650	1645	1	17736
11044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^{*-}a_1^+)$	81	81	1	17737
11045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta D^-, B^0 \to \pi^0\pi^0D^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta D^-D^-D_s^{*+})$	11044	10941	1	17738
11046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^-D^{*+}D_{s0}^{*+})$	1652	1647	1	17739
11047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^+\eta D^+D^-a_1^-)$	11046	10943	1	17740
11048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-})$	11047	10944	1	17741
11049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}D_2^{*-}\bar{D}^{*0}D_s^+)$	11048	10945	1	17742
11050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^0)$	11049	10946	1	17743

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^+D^-D^{*+}D^0)$	11050	10947	1	17744
11052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0\bar{K}^0K^*K^+D^-\bar{D}^{*-})$	11051	10948	1	17745
11053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}\Delta^+\bar{\Omega}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+\Delta^+\bar{\Omega}_c^{*0})$	11052	10949	1	17746
11054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	11053	10950	1	17747
11055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^-\pi^-\omega\bar{K}^0D^+D^{*+}\bar{D}^0)$	11054	10951	1	17748
11056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+D^{*+}\bar{D}^{*-}a_1^-)$	1653	1648	1	17749
11057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^+\pi^+\rho^-\eta\omega K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\omega K^-D_1'^+)$	11056	10953	1	17750
11058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to \rho^+\phi D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega\bar{K}^0K^+\phi\bar{D}^0D_s^{*-})$	11057	10954	1	17751
11059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^0\bar{K}^0D^0$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^0\bar{K}^0\bar{K}^0K^{*+}K^{*+}K^{*-}\bar{D}^{*-}D^0)$	11058	10955	1	17752
11060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}p\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*0}\bar{D}^{*0}p\bar{\Delta}^+)$	11059	10956	1	17753
11061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-K^*, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^{*+})$	11060	10957	1	17754
11062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-D^-D^{*+}\bar{D}^0)$	1654	1649	1	17755
11063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+n\bar{\Sigma}_c^0)$	11062	10959	1	17756
11064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^+K^{*-}\bar{D}^{*-}D^{*0})$	1655	1650	1	17757
11065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^-K^{*+}D^+D^-$ $(e^+e^- \to \pi^-K^{*+}K^{*+}D^+D^-\bar{D}^{*-}D^{*0})$	1656	1651	1	17758
11066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{D}^0D_s^+D_1'^+)$	11065	10961	1	17759
11067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\rho^+K^0K^-D^-, B^0 \to \pi^0\rho^0\pi^+\rho^-K^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^+\rho^-K^0K^+K^-D^-D^-)$	11066	10962	1	17760

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Lambda\bar{\Lambda}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^- K^*\bar{\Delta}^+\Lambda\bar{\Lambda}\Sigma_c^{++})$	11067	10963	1	17761
11069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to e^+\nu_e\rho^- D^- D_1^+)$	11068	10964	1	17762
11070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^+ D^-\bar{D}^{*-})$	11069	10965	1	17763
11071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega D^-\bar{\Delta}^0\Sigma_c^+)$	11070	10966	1	17764
11072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^- D^{*+}\bar{D}^{*-}a_1^+)$	11071	10967	1	17765
11073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \eta D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^- D^{*+}D_s^-)$	11072	10968	1	17766
11074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0 K^+\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	11073	10969	1	17767
11075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\omega K^- D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\omega K^-\bar{D}^{*-}D_s^+)$	11074	10970	1	17768
11076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\omega D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	11075	10971	1	17769
11077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- K^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	11076	10972	1	17770
11078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\eta K^+ D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\eta K^+ D^- D^{*+})$	11077	10973	1	17771
11079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^* D^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	11078	10974	1	17772
11080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^- D^+\bar{D}^0 D_s^- D_s^{*+})$	11079	10975	1	17773
11081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-})$	11080	10976	1	17774
11082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}\bar{D}^{*-})$	11081	10977	1	17775
11083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^-\bar{\Delta}^0 p, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+}\bar{\Delta}^0 p)$	11082	10978	1	17776
11084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+ K^+ K^- D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+ K^+ K^- D^- D^-)$	1657	1652	1	17777

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e D^{*+}\Delta^-\bar{\Delta}^0 D_1^-)$	11084	10980	1	17778
11086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^-\omega D^{*+}D^{*+})$	11085	10981	1	17779
11087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\bar{K}^0\bar{K}^0K^{*+}$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-}D^{*0})$	11086	10982	1	17780
11088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\eta'D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0\eta'D^0\chi_{c0})$	11087	10983	1	17781
11089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}D^{*+}n\bar{n})$	11088	10984	1	17782
11090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^+D^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-D^-\gamma)$	11089	10985	1	17783
11091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-a_1^-)$	11090	10986	1	17784
11092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\pi^-\pi^-D^+D_1^-)$	11091	10987	1	17785
11093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0K^+\bar{D}^{*-}D^0\bar{D}^0D^{*0})$	11092	10988	1	17786
11094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^*\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}D^0)$	11093	10989	1	17787
11095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+D^-D^{*+})$	11094	10990	1	17788
11096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^-)$	11095	10991	1	17789
11097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-})$	11096	10992	1	17790
11098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^-\eta'D^+\bar{D}^{*-}\Delta^+\bar{\Sigma}^0)$	1658	1653	1	17791
11099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega K^+K^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega K^+K^-D^-\bar{D}^{*-})$	1659	1654	1	17792
11100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\Delta^-\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^-D^+D^-\Delta^-\bar{\Sigma}_c^{*0})$	11099	10995	1	17793
11101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega K^*D^-D^{*+}D^0)$	11100	10996	1	17794

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-\eta D^{*+})$	11101	10997	1	17795
11103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*K^+K^-D^-D^-D^{*+})$	11102	10998	1	17796
11104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\eta D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\eta D^{*+}D^0)$	11103	10999	1	17797
11105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*K^+K^-D^-, \bar{B}^0 \to \pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega K^*\bar{K}^*K^+K^+K^-K^-D^-D^{*+})$	1660	1655	1	17798
11106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+\gamma, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+D^-D_s^+\gamma)$	11105	11001	1	17799
11107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \rho^-\bar{K}^*\bar{K}^*K^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega\bar{K}^*\bar{K}^*K^{*+}D^-)$	11106	11002	1	17800
11108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0D^+D^-)$	11107	11003	1	17801
11109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^*K^+K^{*-}D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\bar{K}^0K^*K^+K^{*-}D^+D^{*+})$	11108	11004	1	17802
11110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, B^0 \to K^{*+}\bar{D}^{*-}D^0\gamma$ $(e^+e^- \to \pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^0D_s^{*+}\gamma)$	11109	11005	1	17803
11111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^+\eta'\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-})$	11110	11006	1	17804
11112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*-}D_{s0}^{*+})$	11111	11007	1	17805
11113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0D^{*0}\bar{D}^{*0}, B^0 \to \omega D^-\bar{\Sigma}^+\Sigma^0$ $(e^+e^- \to \pi^0\omega K^0D^-D^{*0}\bar{D}^{*0}\bar{\Sigma}^+\Sigma^0)$	11112	11008	1	17806
11114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^{*+}\Lambda\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^-D^{*+}\Lambda\bar{\Sigma}^{*-})$	11113	11009	1	17807
11115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+D^+D^-D_s^{*-}\gamma)$	11114	11010	1	17808
11116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0D^+D_s^-\gamma$ $(e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^-D_s^{*+}\gamma)$	11115	11011	1	17809
11117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta'D^-D^{*+})$	11116	11012	1	17810
11118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	11117	11013	1	17811

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega K^0 D^{*+} D^{*+}\bar{D}^{*-})$	11118	11014	1	17812
11120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^0)$	11119	11015	1	17813
11121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\rho^0 D^+ n\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0 D^+ D^- n\bar{p})$	11120	11016	1	17814
11122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0 D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^0 D^+ D^{*0}\bar{D}^{*0})$	11121	11017	1	17815
11123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^0, \bar{B}^0 \to \pi^0 K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+ K^0 K^- D^{*+}\bar{p}\Sigma_c^0)$	11122	11018	1	17816
11124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^+ D^-)$	11123	11019	1	17817
11125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+ K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+ K^0\bar{K}^* K^- K^{*+} D^{*+}\bar{D}^{*-})$	11124	11020	1	17818
11126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^- D^+ D^+)$	11125	11021	1	17819
11127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\rho^-\eta\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^0)$	11126	11022	1	17820
11128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^0 D_s^+)$	11127	11023	1	17821
11129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- K^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^0 D^{*+}\bar{D}^{*0} a_1^-)$	11128	11024	1	17822
11130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 D^- D^{*+} D^{*+})$	11129	11025	1	17823
11131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega K^+ K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\omega K^+ K^{*-} D^{*+}\bar{D}^{*-})$	11130	11026	1	17824
11132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^* D_s^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-} D_s^+ D_s^-)$	11131	11027	1	17825
11133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\eta K^*$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^* K^* D^{*+}\bar{D}^{*-})$	11132	11028	1	17826
11134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^* K^+ D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^+\rho^-\bar{K}^* K^+ D^- D^{*+} a_1^-)$	1661	1656	1	17827
11135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0, \bar{B}^0 \to \pi^+ K^{*-} D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega K^{*-} D^0\bar{D}^0\bar{D}^{*0})$	11134	11030	1	17828

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^- D^{*+})$	1662	1657	1	17829
11137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^- D^+ D_2^{*-})$	11136	11032	1	17830
11138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0K^0\bar{K}^0K^*D^+D^{*+}D_s^-)$	11137	11033	1	17831
11139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{n}p, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}\bar{n}p)$	11138	11034	1	17832
11140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+D^+\bar{D}^{*-}n\bar{p})$	1663	1658	1	17833
11141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta' D^{*+}\bar{D}^{*-})$	11140	11036	1	17834
11142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\eta\bar{K}^0D^-\bar{D}^{*-})$	11141	11037	1	17835
11143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^-K^0D^+D^+\bar{D}^{*0}D_{s1}'^-)$	11142	11038	1	17836
11144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	11143	11039	1	17837
11145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\omega K^-\eta_c$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega K^0\bar{K}^0K^-D^-\eta_c)$	11144	11040	1	17838
11146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+\eta\omega D^-D^0D_s^-)$	82	82	1	17839
11147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, B^0 \to \pi^-\pi^-K^+D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^+D^-D^{*+}\bar{D}^0)$	11146	11042	1	17840
11148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}\gamma, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \bar{D}^{*-}D_s^-D_{s0}^{*+}D_1'^+\gamma)$	11147	11043	1	17841
11149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\omega K^+, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^+)$	11148	11044	1	17842
11150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^0D^-\bar{D}^{*-}D^{*0})$	11149	11045	1	17843
11151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^-D_1'^+)$	11150	11046	1	17844
11152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-}D_2^{*+}D^{*0})$	1665	1660	1	17845

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\bar{D}^{*-}\bar{n}p)$	11152	11047	1	17846
11154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta K^*K^{*-}D^+\bar{D}^{*-})$	11153	11048	1	17847
11155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^{*0}D_1^+)$	11154	11049	1	17848
11156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^0)$	11155	11050	1	17849
11157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\omega\bar{D}^{*-}\bar{n}p)$	11156	11051	1	17850
11158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \bar{D}^{*-}D_s^{*+}J/\psi\bar{K}_1^0\gamma)$	11157	11052	1	17851
11159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0D^{*+}\bar{D}^0)$	1666	1661	1	17852
11160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{\Delta}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta' D^{*+}\bar{D}^{*-}n\bar{\Delta}^0)$	11159	11053	1	17853
11161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^+\rho^-\eta\omega D^+D^-)$	11160	11054	1	17854
11162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\omega\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\eta\omega\bar{K}^0D^+\bar{D}^{*-})$	11161	11055	1	17855
11163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^{*+}\eta' D^{*+}\bar{D}^{*-})$	11162	11056	1	17856
11164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^0K^{*-}D^{*+}\bar{D}^0)$	11163	11057	1	17857
11165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	11164	11058	1	17858
11166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^+D^{*+}n\bar{p})$	11165	11059	1	17859
11167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^+D^{*+}\bar{D}^{*-}D^{*0})$	11166	11060	1	17860
11168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^0\omega K^0K^{*-}D^+\bar{D}^{*-})$	11167	11061	1	17861
11169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\bar{K}^0K^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+D^0D_s^-)$	11168	11062	1	17862

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\omega K^+K^-D^+\bar{D}^{*0})$	11169	11063	1	17863
11171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Sigma^{*0}\bar{\Xi}_c^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\bar{K}^*D^+D^-\Sigma^{*0}\bar{\Xi}_c^-)$	11170	11064	1	17864
11172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-})$	1667	1662	1	17865
11173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\eta\eta K^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\eta K^-\bar{D}^{*-}D^0D_{s1}'^+)$	11172	11066	1	17866
11174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^*K^+D^-D^{*+})$	11173	11067	1	17867
11175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^+, B^0 \to \pi^0\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\rho^+\omega\omega D^-\bar{D}^{*-}\Delta^0\bar{\Sigma}^+)$	11174	11068	1	17868
11176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^+\omega\bar{K}^0D^-D^-D^{*+})$	11175	11069	1	17869
11177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^+a_1^+)$	11176	11070	1	17870
11178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\omega D^-D^{*+}D_s^+)$	1668	1663	1	17871
11179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D_s^{*+}\bar{\Delta}^0\Sigma^-)$	1669	1664	1	17872
11180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_{s1}'^+)$	11179	11073	1	17873
11181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+D^-D_s^{*+})$	1670	1665	1	17874
11182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-})$	1671	1666	1	17875
11183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to K^{*-}D_s^+$ $(e^+e^- \to \pi^+\eta K^{*-}D^-D_s^+)$	11182	11076	1	17876
11184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^+D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta K^+D^+D^-D^{*+})$	11183	11077	1	17877
11185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+\bar{D}^{*-}D_s^{*+})$	11184	11078	1	17878
11186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+D^-, B^0 \to \pi^0\pi^-K^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0D^-D^{*+}\bar{D}^{*0})$	11185	11079	1	17879

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^+\pi^+\rho^-D^-D_s^{*-}D_1'^+)$	11186	11080	1	17880
11188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1'^+, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0K^0K^-D^{*+}D_s^{*-}D_1'^+)$	11187	11081	1	17881
11189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^+D_1^+)$	1672	1667	1	17882
11190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	11189	11082	1	17883
11191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^{*+}D^+D^-D^{*0})$	11190	11083	1	17884
11192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\eta\bar{K}^0D^-\bar{D}^{*-}D^0)$	11191	11084	1	17885
11193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^0\omega\bar{K}^0K^+D^+D^-n\bar{\Lambda}_c^-)$	11192	11085	1	17886
11194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	11193	11086	1	17887
11195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to K^{*-}\bar{p}\Sigma_c^{++}$ $(e^+e^- \to K^{*-}D_s^{*+}\bar{p}\Sigma_c^{++}D_1^-)$	11194	11087	1	17888
11196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^0)$	11195	11088	1	17889
11197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\eta D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\eta D^{*+}\bar{D}^{*-}D_s^{*+}D_s^{*-})$	11196	11089	1	17890
11198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}a_1^+)$	11197	11090	1	17891
11199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0K^-K^{*+}D^{*0}\chi_{c1})$	11198	11091	1	17892
11200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}D_{s1}'^+)$	11199	11092	1	17893
11201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+\rho^-\rho^-D^+D^{*+})$	11200	11093	1	17894
11202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	11201	11094	1	17895
11203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*-}D_1'^+)$	11202	11095	1	17896

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\eta\omega\omega D^{*+}\bar{D}^0)$	11203	11096	1	17897
11205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+D^+\bar{D}^{*-})$	11204	11097	1	17898
11206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}\bar{n}p)$	1673	1668	1	17899
11207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D_s^{*+}D_s^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0\bar{D}^{*-}D_s^{*+}D_s^{*-})$	11206	11099	1	17900
11208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	344	344	1	17901
11209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}D_1'^-\gamma)$	11208	11101	1	17902
11210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Lambda}\Xi^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{\Lambda}\Xi^0)$	1675	1670	1	17903
11211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	11210	11103	1	17904
11212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^+D_s^+n\bar{p}D_1^-)$	11211	11104	1	17905
11213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0D^0\bar{D}^0, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0K^0D^0\bar{D}^0D^{*0}\Delta^0\bar{\Delta}^0)$	11212	11105	1	17906
11214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to K^+D^-D^{*0}D_s^{*-}D_1'^+)$	11213	11106	1	17907
11215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta K^0, \bar{B}^0 \to \rho^-K^+K^+K^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta K^0K^+K^+K^-K^-D^{*+})$	11214	11107	1	17908
11216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\eta K^-D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\eta\omega K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-})$	11215	11108	1	17909
11217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\Delta^0\bar{\Sigma}_c^-, B^0 \to \pi^0\eta\bar{K}^0K^+\phi\bar{D}^{*-}$ $(e^+e^- \to \pi^0\eta\bar{K}^0K^+K^+\phi\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^-)$	11216	11109	1	17910
11218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^-D^{*+})$	345	345	1	17911
11219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\eta\omega D^-\bar{D}^{*-})$	11218	11111	1	17912
11220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\rho^+\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	11219	11112	1	17913

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^+\bar{D}^0)$	11220	11113	1	17914
11222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\pi^0D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	11221	11114	1	17915
11223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\psi', \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0K_L\pi^+\pi^-\pi^-D^{*+}\psi')$	11222	11115	1	17916
11224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+D^-D_s^{*+}\bar{p}\Delta^+)$	11223	11116	1	17917
11225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega\eta'D^-, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\omega\bar{K}^0\eta'D^-\Lambda_c^+\bar{\Lambda}_c^-)$	11224	11117	1	17918
11226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^+D^-D_s^{*-})$	11225	11118	1	17919
11227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+D^0D_s^-D_1'^-)$	11226	11119	1	17920
11228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}\bar{\Delta}^0\Sigma_c^0)$	11227	11120	1	17921
11229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^{*+})$	11228	11121	1	17922
11230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to \pi^+\pi^-K^0\chi_{c2}$ $(e^+e^- \to \pi^+\pi^-K^0K^*D^-D^{*+}\chi_{c2})$	11229	11122	1	17923
11231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega n\bar{p}, \bar{B}^0 \to \pi^0\rho^0\rho^0\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\omega\omega n\bar{p})$	11230	11123	1	17924
11232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}\Delta^+\bar{\Sigma}^-)$	11231	11124	1	17925
11233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega D^-D^{*+})$	11232	11125	1	17926
11234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{D}^0D_s^+D_1^+)$	11233	11126	1	17927
11235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta K^0K^-D^{*+}D_1'^-)$	11234	11127	1	17928
11236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta D^-D^{*+})$	11235	11128	1	17929
11237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	11236	11129	1	17930

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^*\bar{\Delta}^0\Omega_c^{*0}$ $(e^+e^- \to \rho^0\pi^+\omega K^*\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0})$	11237	11130	1	17931
11239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta' D^- D^{*+})$	11238	11131	1	17932
11240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ D^- D^{*+}D_{s1}'^-)$	11239	11132	1	17933
11241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^- K^* D^{*+}D^{*+}\bar{D}^{*0})$	1677	1672	1	17934
11242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^* K^{*-} D^+\bar{D}^{*-})$	11241	11134	1	17935
11243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta K^* K^- D^{*+}\bar{D}^{*-})$	11242	11135	1	17936
11244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\rho^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+})$	11243	11136	1	17937
11245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta K^0\bar{K}^0 D^+$ $(e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^0 D^+ D^- D_s^{*+})$	11244	11137	1	17938
11246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\eta_c, \bar{B}^0 \to \pi^+\pi^+\pi^- K^-\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^* K^-\bar{D}^0 D^{*0}\eta_c)$	11245	11138	1	17939
11247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^+\rho^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta K^{*+}\bar{D}^{*-} D^{*0})$	11246	11139	1	17940
11248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^0 D^- D^{*+})$	83	83	1	17941
11249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0 K^+ D^+ D^- a_1^-)$	11248	11140	1	17942
11250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega\omega K^0 D^{*+}\bar{D}^{*0})$	11249	11141	1	17943
11251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \pi^+\eta K^0 D^0 D_s^-$ $(e^+e^- \to \pi^+\eta K^0\bar{D}^{*-} D^0 D_s^- D_{s1}'^+)$	11250	11142	1	17944
11252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta' D^-, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^- K^0 K^-\eta' D^- D^{*+})$	11251	11143	1	17945
11253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\rho^+ D^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+ D^- D^{*+} D^{*+})$	11252	11144	1	17946
11254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^+ D^-\Sigma^-\bar{\Sigma}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^- D^- D^-\Sigma^-\bar{\Sigma}^0)$	11253	11145	1	17947

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^- D^+ D^-)$	11254	11146	1	17948
11256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0 K^+ D^{*+} D_1^-)$	11255	11147	1	17949
11257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^- K^+ D^{*+}\bar{D}^{*-} D^0)$	11256	11148	1	17950
11258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to \pi^0\rho^-\eta K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^0\rho^-\eta K^0\bar{K}^* K^{*+} D^+ D^- D^0)$	11257	11149	1	17951
11259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-})$	11258	9770	1	17952
11260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^+ D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\bar{K}^0 K^+ K^- D^- D^{*+}\bar{D}^0)$	11259	11150	1	17953
11261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^0 K^- D^+$ $(e^+e^- \to \rho^0 K^0 K^0 K^- D^+ D^{*+}\bar{D}^{*-})$	11260	11151	1	17954
11262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+\rho^-\omega K^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^0 K^- D^+\bar{D}^{*-})$	11261	11152	1	17955
11263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^+\eta' n\bar{p}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\rho^-\bar{K}^0 K^{*+}\eta'\bar{D}^{*-} n\bar{p})$	1679	1674	1	17956
11264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^* K^-\phi D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+ K^* K^-\phi D^{*+}\bar{D}^{*-})$	11263	11154	1	17957
11265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^+ D^-, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta K^* D^+ D^- D^-)$	11264	11155	1	17958
11266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^+\eta_c, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^- K^+ K^- D^{*+}\bar{D}^{*0}\eta_c)$	11265	11156	1	17959
11267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\psi(3770), \bar{B}^0 \to \pi^0\pi^+ K^{*-} D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 K^{*-} D^{*+}\bar{D}^{*-}\psi(3770))$	11266	11157	1	17960
11268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^*\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\rho^+\rho^- K^* D^+\bar{D}^{*-})$	11267	11158	1	17961
11269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+ K^+ K^- D^-, B^0 \to K^+ D^-\bar{\Sigma}^+\Xi^-$ $(e^+e^- \to \pi^+ K^+ K^+ K^- D^- D^-\bar{\Sigma}^+\Xi^-)$	11268	11159	1	17962
11270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	11269	11160	1	17963
11271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta K^+ K^-\phi D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta K^+ K^-\phi D^{*+}\bar{D}^{*-})$	11270	11161	1	17964

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_1'^-)$	11271	11162	1	17965
11273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 K^0\eta_c, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^0\rho^0 K^0 D_2^{*+} D_s^- \eta_c)$	11272	11163	1	17966
11274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\pi^+\pi^-\omega K^+K^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\omega K^+K^- D^-\bar{D}^{*-})$	11273	11164	1	17967
11275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^0\bar{K}^0 K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- K^0\bar{K}^0 K^+ D^+\bar{D}^{*0})$	11274	11165	1	17968
11276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^0\bar{D}^{*-} D^0 D^{*0})$	11275	11166	1	17969
11277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \rho^+\omega D^- D_s^{*+}\bar{\Delta}^0\Sigma^-)$	11276	11167	1	17970
11278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \omega D^+ D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^+ D^- D_s^-)$	11277	2317	1	17971
11279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S J/\psi, \bar{B}^0 \to \bar{K}^0 J/\psi$ $(e^+e^- \to K_S\bar{K}^0 J/\psi J/\psi)$	11278	11168	1	17972
11280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^- K^0\bar{K}^0 D^- D^{*+})$	11279	11169	1	17973
11281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\bar{K}^* J/\psi$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\bar{K}^* D^- J/\psi)$	11280	11170	1	17974
11282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0 K^0 D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^0 K^0\bar{K}^0 D^{*+} D_s^{*-})$	11281	11171	1	17975
11283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^+\eta\omega D^- D^{*0}\Delta^+\bar{\Delta}^+)$	11282	11172	1	17976
11284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-})$	11283	11173	1	17977
11285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*0})$	11284	11174	1	17978
11286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, B^0 \to \pi^0\pi^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^-\Delta^+\bar{\Sigma}_c^{*-})$	11285	11175	1	17979
11287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e D_2^{*-} D_s^+ D_1^+)$	11286	11176	1	17980
11288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0 K^{*+}\bar{D}^{*-} D^0\chi_{c0})$	11287	11177	1	17981

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^* D^+ D^{*+})$	11288	11178	1	17982
11290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L J/\psi, \bar{B}^0 \to \eta K^- D^+ \bar{D}^0$ $(e^+e^- \to K_L\eta K^- D^+ \bar{D}^0 J/\psi)$	11289	11179	1	17983
11291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^0 D^+ \bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^- K^0 D^+ D^+ \bar{D}^{*0})$	11290	11180	1	17984
11292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^+\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta D^+\bar{D}^{*-}\bar{n}\Delta^0)$	11291	11181	1	17985
11293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta D^-, B^0 \to \rho^0\pi^+\pi^-\rho^+ K^0\bar{K}^0 D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta K^0\bar{K}^0 D^- D^-)$	11292	11182	1	17986
11294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^0\bar{K}^* D^- D^{*+} D^{*+})$	11293	11183	1	17987
11295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-} D_2^{*+} D_s^-)$	11294	11184	1	17988
11296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \mu^+\nu_\mu D_1'^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^- D_1'^-)$	11295	11185	1	17989
11297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+})$	11296	11186	1	17990
11298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}\bar{n}p)$	11297	11187	1	17991
11299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\eta\bar{D}^{*-}\bar{n}p, B^0 \to \pi^+\pi^-\eta K^+ D^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta K^+ D^-\bar{D}^{*-} D^0\bar{n}p)$	11298	11188	1	17992
11300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^- p\bar{p}, \bar{B}^0 \to \omega K^* K^- D^+$ $(e^+e^- \to \rho^+\eta\omega K^* K^- D^+ D^- p\bar{p})$	11299	11189	1	17993
11301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0\omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega K^0 K^- D^+ D^- D_s^{*+})$	11300	11190	1	17994
11302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*0})$	11301	11191	1	17995
11303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	11302	4469	1	17996
11304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^0\bar{D}^0 n\bar{n}\Delta^0\bar{\Delta}^0)$	11303	11192	1	17997
11305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^- D^+ D^-\bar{D}^{*0})$	11304	11193	1	17998

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0 K^* D^+ D_s^- \eta_c)$	11305	11194	1	17999
11307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^{*0} p\bar{\Xi}_c^0)$	11306	11195	1	18000
11308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ \bar{D}^{*-}, \bar{B}^0 \to \eta K^- D^+ \bar{D}^0$ $(e^+e^- \to \eta\bar{K}^* K^+ K^- D^+ \bar{D}^{*-} \bar{D}^0)$	11307	11196	1	18001
11309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \rho^+ K^* \bar{K}^* \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+ K^* \bar{K}^* \bar{D}^{*-} D_1^-)$	11308	11197	1	18002
11310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to e^+\nu_e D^+\Delta^-\bar{n} D_1^-)$	11309	11198	1	18003
11311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to K^- D^+ D^- \bar{D}^{*0} D_s^+)$	11310	11199	1	18004
11312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\eta K^0 K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^0 K^- D^{*+} D_0^{*-})$	11311	11200	1	18005
11313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \bar{K}^* D^{*+} \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0 \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*-})$	11312	11201	1	18006
11314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta K^{*+} D^+ D^{*+} \bar{D}^{*-})$	11313	11202	1	18007
11315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \bar{K}^0 K^{*+} \bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^- K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^- \bar{K}^0 K^- K^{*+} D^+ \bar{D}^{*-} \bar{D}^{*0}\gamma)$	11314	11203	1	18008
11316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^{*+} D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\omega\bar{K}^* K^{*+} D^+ D^-)$	11315	11204	1	18009
11317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^- D^+ D^{*+})$	11316	11205	1	18010
11318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to e^+\nu_e D_0^{*-}$ $(e^+e^- \to e^+\nu_e \bar{D}^{*-} D_s^{*+} D_0^{*-})$	11317	11206	1	18011
11319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 D^- D_s^+, B^0 \to \pi^0 \bar{K}^* K^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0 \bar{K}^* K^+ D^- \bar{D}^{*-} D_s^+)$	11318	11207	1	18012
11320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D_2^{*+} \bar{D}^{*0})$	11319	11208	1	18013
11321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^{*+} D_s^+ D_1'^-)$	11320	11209	1	18014
11322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^- \bar{D}^0, \bar{B}^0 \to K^* K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^- K^* K^- D^+ \bar{D}^0)$	11321	11210	1	18015

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^{*-}D_0^{*-})$	11322	11211	1	18016
11324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-n\bar{p}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}n\bar{p})$	1680	1675	1	18017
11325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^-\omega K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^-\omega K^{*+}K^{*-}D^-D^{*+}\bar{\Sigma}^0\Sigma^+)$	11324	11213	1	18018
11326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-K^0\eta_c, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^{*+}\eta_c)$	11325	11214	1	18019
11327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}D_2^{*-})$	11326	11215	1	18020
11328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to K^+\bar{D}^{*-}D^{*0}D^{*0}p\bar{\Delta}^+)$	11327	11216	1	18021
11329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-K^-D_s^+, \bar{B}^0 \to \pi^0\pi^+K^-\Lambda\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^-K^-D_s^+\Lambda\bar{\Lambda})$	1681	1676	1	18022
11330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*K^+K^{*-}D_s^{*-}, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0K^*K^+K^{*-}D_s^-D_s^{*+}D_s^{*-})$	11329	11218	1	18023
11331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^+\pi^+\pi^+\rho^-K^0K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\rho^-\eta K^0K^{*-}D^-\bar{D}^{*-})$	11330	11219	1	18024
11332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+D^-)$	11331	11220	1	18025
11333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*D^{*+}D_s^{*+}D_s^{*-})$	11332	11221	1	18026
11334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	11333	11222	1	18027
11335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\bar{K}^0D^+D^{*+}\bar{D}^0)$	11334	11223	1	18028
11336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^0\bar{K}^0D^+D^0\bar{D}^0\bar{D}^{*0})$	11335	11224	1	18029
11337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0D^{*0}\bar{D}^{*0}D_0^{*+})$	11336	11225	1	18030
11338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-D^{*+}D_s^{*-})$	11337	11226	1	18031
11339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^*K^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{K}^*K^{*+}D^-\bar{D}^{*-})$	11338	11227	1	18032

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D_2^{*+} D_s^{*+})$	11339	11228	1	18033
11341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^+ J/\psi, \bar{B}^0 \to \bar{K}^0 D_s^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0 K^+ D_s^{*+} D_s^{*-} J/\psi)$	11340	11229	1	18034
11342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-})$	11341	11230	1	18035
11343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^* D^+$ $(e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^*\bar{K}^* D^+\bar{D}^{*-})$	11342	11231	1	18036
11344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\omega\omega D^{*+}\bar{D}^0)$	11343	11232	1	18037
11345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+ K^0 K^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\rho^+ K^0 K^- D^+\bar{D}^{*-})$	11344	11233	1	18038
11346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0 K^- D^+\bar{D}^{*-})$	11345	11234	1	18039
11347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0 K^{*-} D^{*+}\bar{D}^{*-})$	11346	11235	1	18040
11348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta K^* K^- D^{*+}\bar{D}^{*-})$	11347	11236	1	18041
11349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \rho^- K^+ K^- D^+$ $(e^+e^- \to \rho^- K^+ K^- D^+ D^- a_1^+)$	11348	11237	1	18042
11350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta' D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta' D^- D^{*+}\gamma)$	11349	11238	1	18043
11351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^0)$	11350	11239	1	18044
11352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*+} D_{s0}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^- D^{*+} D_{s0}^{*-})$	1682	1677	1	18045
11353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\Xi_c^+\bar{\Xi}_c^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}\Xi_c^+\bar{\Xi}_c^-)$	11352	11241	1	18046
11354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- K^+ D^{*+} J/\psi)$	11353	11242	1	18047
11355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \omega D^+ n\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\omega D^+ n\bar{\Delta}^+ D_1'^-)$	11354	11243	1	18048
11356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^0 D^+ D^{*+}\bar{D}^{*-})$	11355	11244	1	18049

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \omega D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \omega K^{*-}D^{*+}D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^{++})$	11356	11245	1	18050
11358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+})$	1683	1678	1	18051
11359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta K^+K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\eta K^+K^{*-}D^{*+}\bar{D}^{*0})$	11358	11247	1	18052
11360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0K^0K^0K^{*-}D^+D^{*+}\bar{D}^{*-})$	11359	11248	1	18053
11361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^*D^-D^{*+}D^{*0})$	11360	11249	1	18054
11362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}\bar{D}^{*-})$	11361	11250	1	18055
11363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta K^0\bar{K}^*K^{*-}D^{*+}D^0\bar{D}^0)$	11362	11251	1	18056
11364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega D^+\bar{D}^{*-})$	11363	11252	1	18057
11365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^0\pi^0\pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0K^{*-}D^+\bar{D}^{*-}D'^+_{s1})$	11364	11253	1	18058
11366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\phi, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0K^{*+}\phi D^{*+}\bar{D}^{*-})$	11365	11254	1	18059
11367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\omega K^0D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\omega K^0D^-D^-)$	11366	11255	1	18060
11368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*-})$	11367	11256	1	18061
11369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^+\omega D^+D^-n\bar{p})$	11368	11257	1	18062
11370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^0)$	11369	11258	1	18063
11371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^+K^0\bar{K}^*K^-$ $(e^+e^- \to \pi^+K^0\bar{K}^*K^-\bar{D}^{*0}\bar{n}\Delta^0)$	11370	11259	1	18064
11372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}D^{*+})$	11371	11260	1	18065
11373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+K^-D^{*+}D^0\bar{D}^{*0})$	11372	11261	1	18066

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^-\bar{n})$	11373	11262	1	18067
11375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}n\bar{n}\bar{\Sigma}^0\Sigma_c^{*0})$	11374	11263	1	18068
11376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\omega\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\omega\bar{K}^*K^+D^+D^-)$	11375	11264	1	18069
11377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^{*-})$	11376	11265	1	18070
11378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\bar{D}^0D^{*0}D_s^{*+})$	11377	11266	1	18071
11379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*D^+D^-)$	11378	11267	1	18072
11380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Lambda\bar{\Xi}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\eta K^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta K^-D^0\Lambda\bar{\Xi}_c^-)$	1684	1679	1	18073
11381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to D^-\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}\bar{n}p)$	11380	11269	1	18074
11382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0D^-D_2^{*+}D_s^+D_s^-)$	11381	11270	1	18075
11383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^+K^-D^+\bar{D}^{*-})$	1685	1680	1	18076
11384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^+\pi^+\rho^+\rho^-\rho^-K^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-K^-D^{*0}D_s^+D_1'^-)$	11383	11272	1	18077
11385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	1686	1681	1	18078
11386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0K^*D^-D^{*+})$	11385	11274	1	18079
11387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta\omega$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\eta\omega D^-)$	11386	11275	1	18080
11388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^+D^+D^-D^{*+})$	11387	11276	1	18081
11389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-D^+D^-\bar{D}^{*0})$	11388	11277	1	18082
11390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	11389	11278	1	18083

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0)$	11390	11279	1	18084
11392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \phi\bar{\Lambda}\Omega_c^0$ $(e^+e^- \to e^+\nu_e\phi D_2^{*-}\bar{\Lambda}\Omega_c^0)$	11391	11280	1	18085
11393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, B^0 \to \pi^0\pi^+K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^+K^-D^-D^-)$	11392	11281	1	18086
11394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^+K^-\bar{D}^{*-}\bar{K}_1^0\psi')$	1687	1682	1	18087
11395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-D_2^{*-}D_s^+)$	1688	1683	1	18088
11396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*\bar{K}^*\bar{D}^0, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*\bar{K}^*\bar{D}^0\bar{p}\Sigma_c^+)$	11395	11284	1	18089
11397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0K^{*-}D^+D^{*0}D_s^{*-})$	11396	11285	1	18090
11398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+\omega D^-D_2^{*+})$	11397	11286	1	18091
11399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, B^0 \to \bar{K}^0K^+\eta'D^-$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^0K^+\eta'D^-\bar{D}^{*-})$	1689	1684	1	18092
11400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+\Lambda\bar{\Lambda}_c^-$ $(e^+e^- \to e^+\nu_e D^+D^-\Lambda\bar{\Lambda}_c^-)$	11399	11287	1	18093
11401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^{*+}D^{*+}\eta_c)$	11400	11288	1	18094
11402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \omega\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega K^0K^+K^-K^{*-}D^+\bar{D}^{*-})$	11401	11289	1	18095
11403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	11402	8164	1	18096
11404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*D^-D^{*+}, B^0 \to \rho^+\omega K^0\bar{K}^*D^-$ $(e^+e^- \to \pi^0\rho^+\omega K^0K^*\bar{K}^*D^-D^-D^{*+})$	11403	11290	1	18097
11405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\omega D^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^-\eta\omega\omega\omega D^+D^{*0})$	11404	11291	1	18098
11406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+D^+D^-)$	11405	11292	1	18099
11407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}\Delta^+\bar{\Lambda}_c^-)$	11406	11293	1	18100

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^-\eta K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\eta K^0\bar{K}^0 D^- D^{*+})$	11407	11294	1	18101
11409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^- D_2^{*+})$	11408	11295	1	18102
11410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega\omega K^+K^- D^+\bar{D}^{*0})$	11409	11296	1	18103
11411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^+ D_s^{*-}, \bar{B}^0 \to \pi^- D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^+ D^+ D_s^{*-}\Delta^0\bar{\Delta}^0)$	11410	11297	1	18104
11412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^+\pi^-\eta'\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta'\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+)$	11411	11298	1	18105
11413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	11412	11299	1	18106
11414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^0\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^* D^{*+} D^0\bar{D}^0)$	11413	11300	1	18107
11415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta K^+K^{*-}D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\eta K^+K^{*-}D^+D^-)$	11414	11301	1	18108
11416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ K^0\bar{K}^0K^*\bar{K}^* D^{*+}\bar{D}^{*-})$	11415	11302	1	18109
11417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ J/\psi, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^- K^+K^{*-}D^+\bar{D}^0 J/\psi)$	11416	11303	1	18110
11418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\chi_{c0}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^+K^*K^-K^{*-}D^+\chi_{c0})$	11417	11304	1	18111
11419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^- K^{*-}D^{*+}\bar{D}^{*0}\bar{D}^{*0}D_s^{*+})$	11418	11305	1	18112
11420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to K^- D^+\bar{D}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^- D^+ D^+\bar{D}^0)$	11419	11306	1	18113
11421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\omega K^0\bar{K}^0 D^- D^{*+})$	11420	11307	1	18114
11422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^0 D^{*+}D^{*0}\bar{D}^{*0})$	11421	11308	1	18115
11423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to D^+D^{*+}\Delta^-\bar{\Delta}^0\Sigma^-\bar{\Sigma}^0)$	11422	11309	1	18116
11424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*0}\bar{\Delta}^0\Sigma_c^{*+})$	11423	11310	1	18117

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}\bar{D}^{*-}D^0 D_0^{*+})$	11424	11311	1	18118
11426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^-\gamma)$	1690	1685	1	18119
11427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\bar{D}^{*-}n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}\bar{D}^{*-}n\bar{\Delta}^0)$	11426	11313	1	18120
11428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+K^*K^{*-}D^{*+}\bar{D}^{*-}J/\psi)$	11427	11314	1	18121
11429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+D^-D^0D_s^-)$	11428	11315	1	18122
11430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega D^+D^-\Delta^0\bar{\Delta}^+)$	11429	11316	1	18123
11431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega D^+D^-D_s^{*-})$	11430	6251	1	18124
11432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}, \bar{B}^0 \to \omega\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^-\omega K^0D^{*+}\bar{p}\Xi_c'^+)$	11431	11317	1	18125
11433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-D^-D_s^{*+})$	11432	11318	1	18126
11434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta'\bar{D}^{*-}D_1^+)$	11433	11319	1	18127
11435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to D^+D^0D_s^-p\bar{\Delta}^+)$	11434	11320	1	18128
11436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^-K^{*-}D^+D^{*+}\bar{D}^0\bar{D}^{*0})$	11435	11321	1	18129
11437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0K^{*-}D^{*+}D_1^+)$	11436	11322	1	18130
11438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega\omega D^-D^{*0})$	11437	11323	1	18131
11439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0})$	11438	11324	1	18132
11440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta D^-D^{*+})$	11439	11325	1	18133
11441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \rho^-\bar{K}^0K^+D^+D^-\bar{D}^0D^{*0})$	11440	11326	1	18134

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+K^-f_0(980), \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^0K^+K^-D^+f_0(980))$	11441	11327	1	18135
11443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	347	347	1	18136
11444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta D^+\bar{D}^{*0})$	84	84	1	18137
11445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\eta D^-D^{*0}\Delta^0\bar{\Delta}^0)$	11444	11330	1	18138
11446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0J/\psi, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0D_2^{*+}D_s^{*-}J/\psi)$	11445	11331	1	18139
11447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0D^{*0}\bar{D}^{*0}K_1^0\psi')$	11446	11332	1	18140
11448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega\omega D^+D^-)$	11447	11333	1	18141
11449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^-\bar{D}^{*0})$	11448	11334	1	18142
11450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}p\bar{\Sigma}_c^{*-})$	11449	11335	1	18143
11451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{D}^{*-}D_s^{*+})$	11450	11336	1	18144
11452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\bar{K}^0\bar{K}^*K^+K^{*+}D^-D^{*+})$	11451	11337	1	18145
11453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{K}^*\bar{K}^*K^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+\gamma$ $(e^+e^- \to \rho^-\rho^-\bar{K}^*\bar{K}^*K^{*+}\bar{n}\Sigma_c^+\gamma)$	11452	11338	1	18146
11454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^0D_s^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^0D^{*+}D_s^{*-}D_s^{*-})$	1693	1688	1	18147
11455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0K^*K^+K^-, \bar{B}^0 \to \pi^-\rho^+D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+K^*K^+K^-D^+\bar{D}^{*-})$	11454	11340	1	18148
11456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\rho^0D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	349	349	1	18149
11457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^-K^{*+}D^{*+}\bar{D}^{*-})$	11456	11342	1	18150
11458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}D_s^-)$	1695	1690	1	18151

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 J/\psi, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \rho^0 K^0 D^{*+} J/\psi)$	11458	11344	1	18152
11460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\omega\omega\bar{D}^{*-}D^0)$	11459	11345	1	18153
11461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-D^{*+}\bar{D}^{*-})$	11460	11346	1	18154
11462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^+, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-D^-D_s^+)$	11461	11347	1	18155
11463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu J/\psi K_1^0 D_1^+)$	11462	11348	1	18156
11464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta' D^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\eta' D^-D^{*+})$	11463	11349	1	18157
11465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-K^0K^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-K^0K^-D^-D_0^{*-})$	1696	1691	1	18158
11466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^+K^{*-}\bar{D}^{*-}D^{*0}D_s^{*+})$	11465	11351	1	18159
11467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta' D^+$ $(e^+e^- \to \pi^0\rho^-K^0\eta' D^+D^{*+}\bar{D}^{*-})$	11466	11352	1	18160
11468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, B^0 \to \pi^+\rho^+\rho^-\rho^-p\bar{p}$ $(e^+e^- \to \pi^+\rho^+\rho^+\rho^-\rho^-p\bar{p}\Delta^+\bar{\Sigma}_c^{*--})$	11467	11353	1	18161
11469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \eta\eta' D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\eta\eta' D^{*0}D_1'^-)$	350	350	1	18162
11470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	11469	11355	1	18163
11471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^*K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^*K^+K^+K^-K^-D^-D^{*+})$	11470	11356	1	18164
11472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^*D^+\Lambda\bar{\Sigma}_c^0)$	11471	11357	1	18165
11473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\bar{K}^0\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0\eta' D^{*+}D^{*+}\Sigma^0\bar{\Sigma}^-)$	1698	1693	1	18166
11474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-K^*D^+\bar{D}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^*D^+\bar{D}^{*-}\bar{D}^0)$	11473	11359	1	18167
11475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	11474	11360	1	18168

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0)$	11475	11361	1	18169
11477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^*D^+J/\psi)$	11476	11362	1	18170
11478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-D^-D_1^+)$	11477	11363	1	18171
11479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{p}\Sigma^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}\bar{p}\Sigma^0)$	11478	11364	1	18172
11480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^-\rho^-K^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^-K^+\bar{D}^{*0})$	351	351	1	18173
11481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\omega D^+n\bar{\Delta}^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega D^+D^{*+}n\bar{\Delta}^+)$	11480	11366	1	18174
11482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^+D^-n\bar{n}$ $(e^+e^- \to \pi^+K^{*+}D^-\bar{D}^{*-}D^{*0}n\bar{n})$	11481	11367	1	18175
11483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0}\Delta^0\bar{\Delta}^0)$	11482	11368	1	18176
11484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*0}\bar{p}\Delta^+)$	11483	11369	1	18177
11485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta'D^+, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^0\eta'D^+D^0\bar{D}^0)$	11484	11370	1	18178
11486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-})$	11485	11371	1	18179
11487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^+\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	11486	11372	1	18180
11488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta'D^+D^-)$	11487	11373	1	18181
11489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+D^+D_s^{*-})$	11488	11374	1	18182
11490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0})$	1700	1695	1	18183
11491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^+D^{*+}D^0\bar{D}^{*0})$	11490	11376	1	18184
11492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-\gamma, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+D^0D_s^{*-}\Delta^0\bar{\Sigma}_c^-\gamma)$	11491	11377	1	18185

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+ D^-\bar{n}p)$	11492	11378	1	18186
11494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\rho^- D^0$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D^0\Lambda_c^+\bar{\Lambda}_c^-)$	352	352	1	18187
11495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0 D^+ n\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0 D^+ n\bar{p} D_1'^-)$	11494	11380	1	18188
11496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+ D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\pi^-\rho^+\rho^+ D^+ D^-)$	11495	11381	1	18189
11497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\omega D^+\bar{D}^{*-})$	11496	11382	1	18190
11498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \eta K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\eta K^- D^+\bar{D}^{*-}\bar{D}^0)$	1702	1488	1	18191
11499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^+\pi^- D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^-\rho^+ D^- D^{*+}\Sigma^0\Sigma^0\bar{\Sigma}^0\bar{\Sigma}^-)$	11498	11384	1	18192
11500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 K^0\bar{K}^* J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0 K^0\bar{K}^* D^+ J/\psi)$	11499	11385	1	18193
11501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^-\omega K^+ K^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega K^+ K^- D^+ D^-)$	11500	11386	1	18194
11502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-})$	11501	11387	1	18195
11503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^0)$	11502	11388	1	18196
11504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to D_2^{*+} D_s^-\gamma$ $(e^+e^- \to \bar{D}^{*-} D_2^{*+} D_s^- D_{s1}'^+\gamma)$	11503	11389	1	18197
11505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega\bar{D}^{*-} D_1'^+)$	11504	11390	1	18198
11506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+} p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^{*+}\bar{D}^{*-} p\bar{p})$	11505	11391	1	18199
11507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^+\omega D^{*+}\bar{D}^{*-} n\bar{n} a_1^-)$	11506	11392	1	18200
11508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^+\omega D^+ D_1'^-)$	11507	11393	1	18201
11509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0 D^{*+} n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0 D^{*+} n\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^0)$	11508	11394	1	18202

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\bar{K}^*K^{*+}D^-D^{*+})$	11509	11395	1	18203
11511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^*\bar{K}^*D^+\bar{D}^{*0})$	11510	11396	1	18204
11512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^0\bar{n}\Sigma^0$ $(e^+e^- \to \tau^+\nu_\tau D^-D^0\bar{n}\Sigma^0)$	1703	1697	1	18205
11513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^{*+}D^{*+}n\bar{p})$	11512	11398	1	18206
11514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+D^-D^{*+}n\bar{p})$	11513	11399	1	18207
11515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D^{*+}n\bar{p})$	11514	11400	1	18208
11516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+K^+K^-D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+K^+K^+K^-D^{*0}D_s^{*-}\Sigma^{*0}\bar{\Sigma}_c^{*-})$	11515	11401	1	18209
11517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*0})$	11516	11402	1	18210
11518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	11517	11403	1	18211
11519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	11518	11404	1	18212
11520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-}D^{*0}\bar{n}p)$	11519	11405	1	18213
11521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}D^{*0})$	1704	1698	1	18214
11522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^0D^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e\pi^0D^-\bar{D}^{*-})$	1705	1699	1	18215
11523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^*D^+D^0D_s^-)$	11522	11408	1	18216
11524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^{*+}n\bar{p})$	11523	11409	1	18217
11525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	11524	11410	1	18218
11526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega K^0\bar{K}^*K^-$ $(e^+e^- \to \pi^+\pi^+\omega K^0\bar{K}^*K^-\bar{D}^{*-})$	11525	11411	1	18219

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*-})$	11526	11412	1	18220
11528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, B^0 \to \rho^0\bar{K}^0K^+K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^+K^+K^-\bar{D}^{*-}\bar{D}^{*-})$	11527	11413	1	18221
11529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \rho^+K^{*+}K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^+K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	11528	11414	1	18222
11530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^{*+})$	11529	11415	1	18223
11531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	11530	11416	1	18224
11532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+K^*\bar{K}^*D^-, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0K^*\bar{K}^*K^+D^-D^-)$	1706	1700	1	18225
11533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^+D^+\eta_c)$	11532	11418	1	18226
11534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\eta D^{*+}D_1'^-)$	11533	11419	1	18227
11535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^*D^-D^0\bar{D}^0)$	1707	1701	1	18228
11536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^+D^{*+})$	11535	11421	1	18229
11537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^-\bar{\Delta}^0\Sigma_c^+)$	11536	11422	1	18230
11538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}D_s^{*+})$	11537	11423	1	18231
11539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	11538	11424	1	18232
11540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^0)$	11539	11425	1	18233
11541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \rho^0K^0D^{*+}J/\psi D_{s1}'^-\gamma)$	11540	11426	1	18234
11542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^+)$	11541	11427	1	18235
11543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+\pi^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^+D^-D^0\bar{D}^{*0})$	1708	1702	1	18236

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0\bar{K}^0D^-D_s^+)$	11543	11429	1	18237
11545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^0D^+D^+D^-)$	11544	11430	1	18238
11546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\omega D^-D_1^+)$	11545	11431	1	18239
11547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0K^*K^{*-}, B^0 \to \pi^0\omega\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0K^*K^{*+}K^{*-}D^-)$	11546	11432	1	18240
11548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^+D^-)$	11547	11433	1	18241
11549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^+D_2^{*+})$	11548	11434	1	18242
11550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^-)$	11549	11435	1	18243
11551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\bar{D}^{*-}\bar{n}p, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	11550	11436	1	18244
11552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^-D^{*+})$	11551	11437	1	18245
11553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	11552	11438	1	18246
11554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Lambda\bar{\Sigma}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^0)$	11553	11439	1	18247
11555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-D^0, \bar{B}^0 \to \pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*D^+D^-D^0\bar{\Sigma}^+\Sigma^-)$	1709	1703	1	18248
11556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-})$	1710	1704	1	18249
11557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \omega\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0D^+\bar{D}^0\bar{p}\Xi_c'^+)$	11556	11442	1	18250
11558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\bar{n}\Lambda_c^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta\bar{n}\Lambda_c^+D_1^-)$	11557	11443	1	18251
11559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}D_2^{*+}D^0D_s^{*-})$	11558	11444	1	18252
11560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^0\bar{D}^0)$	11559	11445	1	18253

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\omega D^{*+}\bar{D}^{*-})$	11560	11446	1	18254
11562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	11561	11447	1	18255
11563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+D^-D^{*+}D_s^{*+})$	11562	11448	1	18256
11564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^0\bar{D}^0\chi_{c1})$	11563	11449	1	18257
11565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0K^0D_s^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0K^0D^0D_s^{*-}D_s^{*-})$	11564	11450	1	18258
11566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+K^-K^{*-}D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0})$	11565	11451	1	18259
11567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{n}\Sigma_c^0)$	11566	11452	1	18260
11568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+D_2^{*-})$	11567	11453	1	18261
11569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \rho^+D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \rho^+D^{*+}n\bar{\Delta}^{++}X_{sd}\gamma)$	11568	11454	1	18262
11570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^+D_2^{*+}D_s^-)$	11569	11455	1	18263
11571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to \mu^+\nu_\mu K_S\bar{D}^{*-}\psi')$	11570	11456	1	18264
11572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}\bar{n}p)$	11571	11457	1	18265
11573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0\eta_cD_1'^+)$	11572	11458	1	18266
11574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^-\rho^+\bar{K}^*K^+K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^*K^+K^-D_1^+)$	11573	11459	1	18267
11575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0J/\psi D_0^{*-})$	11574	11460	1	18268
11576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	11575	11461	1	18269
11577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \rho^+K^0\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	11576	11462	1	18270

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Lambda\bar{\Xi}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*0}\Lambda\bar{\Xi}^{*0})$	11577	11463	1	18271
11579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^+\bar{D}^{*-})$	11578	11464	1	18272
11580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D'^-_{s1}, \bar{B}^0 \to \pi^-\omega D^+p\bar{p}$ $(e^+e^- \to \pi^-\omega D^+D^+p\bar{p}D'^-_{s1})$	11579	11465	1	18273
11581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}_{s0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}D^{*+}_{s0})$	11580	11466	1	18274
11582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+\omega\bar{D}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0D^{*+}\bar{D}^0\bar{D}^{*0})$	11581	11467	1	18275
11583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^*D^+D^0)$	1711	1705	1	18276
11584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\eta\eta\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\eta\omega\omega\bar{K}^0K^+D^+\bar{D}^{*-}\bar{D}^{*0})$	11583	11469	1	18277
11585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega D^+\bar{D}^{*-})$	11584	11470	1	18278
11586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D^{*-}_s, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-K^0K^{*-}D^{*+}D^{*+}D^{*-}_s)$	11585	11471	1	18279
11587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{\Delta}^0\Lambda, \bar{B}^0 \to \pi^+\eta K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Lambda)$	1712	1706	1	18280
11588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^-D^{*+}\bar{D}^{*0})$	11587	11473	1	18281
11589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^-D^{*+})$	11588	11474	1	18282
11590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+e^+\nu_e\nu_e\eta\bar{D}^{*-}\bar{D}^{*-})$	11589	11475	1	18283
11591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^-\rho^+\rho^+\eta D^-D^0\Delta^+\bar{\Delta}^+)$	11590	11476	1	18284
11592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-\omega\bar{K}^0K^+D^+D^-)$	1713	1707	1	18285
11593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^*D^{*+}J/\psi)$	11592	11478	1	18286
11594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*-})$	11593	2407	1	18287

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^{*+}D^{*+})$	11594	11479	1	18288
11596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-\gamma, \bar{B}^0 \to \bar{K}^0 D^+D^-$ $(e^+e^- \to \rho^0\rho^+\eta\bar{K}^0 D^+D^-D^-\gamma)$	11595	11480	1	18289
11597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta D^-\bar{p}\Sigma_c^{*+})$	11596	11481	1	18290
11598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+, \bar{B}^0 \to \pi^+\rho^- K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^- K^0K^-D^+D^+)$	11597	11482	1	18291
11599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta D^-\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^-D^-D^{*+}\bar{D}^0\bar{n}p)$	11598	11483	1	18292
11600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D_1'^+D_1'^-)$	11599	11484	1	18293
11601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- K^+D^{*+}D^0\bar{D}^0)$	11600	11485	1	18294
11602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D^+\bar{D}^0, \bar{B}^0 \to \rho^- K^0\bar{K}^0\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^-\rho^- K^0\bar{K}^0\bar{K}^0K^*D^+D^+\bar{D}^0)$	11601	11486	1	18295
11603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \bar{K}^*K^+D^-D^{*+}a_1^-)$	11602	11487	1	18296
11604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	11603	11488	1	18297
11605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*0})$	11604	11489	1	18298
11606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+}D^{*+})$	1714	1708	1	18299
11607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\psi', \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+K^-D^0D_s^-\psi')$	11606	11491	1	18300
11608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\Delta^+\bar{\Sigma}_c^{--}D_1'^+)$	11607	11492	1	18301
11609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^*\eta_c)$	11608	11493	1	18302
11610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Sigma^-\bar{\Xi}_c^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^{*+}\Sigma^-\bar{\Xi}_c^0)$	11609	11494	1	18303
11611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\eta' D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+\eta' D^{*+}D_s^{*-})$	11610	11495	1	18304

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^{*+}D_1^+)$	11611	11496	1	18305
11613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c^0, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^- D_2^{*+}D_s^- p\bar{\Xi}_c^0)$	11612	11497	1	18306
11614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega K^0, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^0\bar{K}^0 D^- D^{*0})$	11613	11498	1	18307
11615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta D^+D^-)$	11614	11499	1	18308
11616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta K^* K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\eta K^* K^- D^{*+}\bar{D}^{*-})$	11615	11500	1	18309
11617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^+\Delta^0\bar{\Delta}^+)$	11616	11501	1	18310
11618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^- D^{*+}, \bar{B}^0 \to K^*\bar{n}\Xi_c^0$ $(e^+e^- \to K^0 K^* K^- D^{*+}\bar{n}\Xi_c^0)$	11617	11502	1	18311
11619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^* D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^* D^+D^- D^0\bar{D}^0)$	353	353	1	18312
11620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+ K^0\bar{K}^0 D^- D_s^{*-}D_1^+)$	11619	11504	1	18313
11621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega D^- D_1'^+)$	11620	11505	1	18314
11622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{K}^0\bar{D}^0 D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega\bar{K}^0\bar{D}^{*-}\bar{D}^0 D^{*0})$	11621	11506	1	18315
11623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^- K^- D^+ D^{*+}\bar{D}^{*0}D_s^-)$	11622	11507	1	18316
11624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\rho^-\eta D^+D^-\bar{n}p)$	11623	11508	1	18317
11625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^0)$	11624	11509	1	18318
11626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+ D^-\bar{\Delta}^0\Sigma_c^{*0})$	11625	11510	1	18319
11627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta' D^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta' D^+D^-)$	11626	11511	1	18320
11628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-)$	11627	7589	1	18321

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^*\bar{D}^{*0}J/\psi)$	1716	1710	1	18322
11630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-D^{*+}p\bar{p})$	11629	11513	1	18323
11631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^-D^{*+})$	11630	11514	1	18324
11632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0J/\psi, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-K^0\bar{K}^0D^{*+}J/\psi)$	11631	11515	1	18325
11633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+D_2^{*-}D_s^{*+})$	11632	11516	1	18326
11634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}^-)$	11633	11517	1	18327
11635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^+\bar{D}^{*-})$	11634	11518	1	18328
11636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	11635	11519	1	18329
11637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+D^-, \bar{B}^0 \to \pi^0\rho^+\bar{K}^0K^*K^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^*K^+K^-D^+D^-)$	11636	11520	1	18330
11638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\eta D^+\bar{D}^{*-}D_s^-)$	11637	11521	1	18331
11639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to K_SJ/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K_S\bar{K}^0K^+D^-J/\psi)$	11638	11522	1	18332
11640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0p\bar{\Sigma}_c^-\chi_{c1})$	11639	11523	1	18333
11641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'D^-D_s^+\gamma, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta'D^-D^{*+}D_s^+\gamma)$	354	354	1	18334
11642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^+\eta K^{*-}\bar{D}^0\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^+\eta\omega K^{*-}D^-\bar{D}^0\gamma)$	1718	1712	1	18335
11643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+D_2^{*-}D_s^{*+})$	11642	11525	1	18336
11644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \pi^-\rho^+K^0D^{*+}\bar{D}^0\bar{\Delta}^+\Xi_c^{*0})$	1719	1713	1	18337
11645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0D^-D_s^{*+}\bar{\Delta}^+\Sigma_c^+)$	11644	11527	1	18338

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to K^0 D^{*+} D^0 \bar{D}^{*0} D_s^{*-})$	11645	11528	1	18339
11647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \eta K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e \pi^+ \eta K^0 \bar{K}^* D^{*+} \bar{D}^{*-})$	11646	11529	1	18340
11648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^+ \pi^+ \rho^- D^-, \bar{B}^0 \to \pi^+ \pi^- \omega D^0$ $(e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \rho^- \omega D^- D^0)$	11647	11530	1	18341
11649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 \bar{n} \Delta^0, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to D^+ \bar{D}^0 \bar{n} \Delta^0 a_1^-)$	11648	11531	1	18342
11650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^- D^{*+}, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e D^- D^{*+} D^{*+})$	11649	11532	1	18343
11651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \omega \omega D^-, \bar{B}^0 \to D^0 \bar{\Delta}^+ \Sigma^+$ $(e^+e^- \to \pi^+ \omega \omega D^- D^0 \bar{\Delta}^+ \Sigma^+)$	11650	11533	1	18344
11652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to e^- \bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0 D^- D_s^{*+} D_0^{*+})$	11651	11534	1	18345
11653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \rho^0 \pi^+ \pi^+ \pi^- \eta \omega D^-, \bar{B}^0 \to D^{*0} \bar{n} \Delta^0$ $(e^+e^- \to \rho^0 \rho^0 \pi^+ \pi^+ \pi^- \eta \omega D^- D^{*0} \bar{n} \Delta^0)$	11652	11535	1	18346
11654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \pi^- \rho^+ D^-, \bar{B}^0 \to \pi^+ \pi^- \pi^- D^+$ $(e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \pi^- \rho^+ D^+ D^-)$	11653	11536	1	18347
11655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+ \nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^0 \pi^- \rho^+ K^0 \bar{K}^0 D^{*0}$ $(e^+e^- \to e^+ \nu_e \rho^0 \pi^- \rho^+ K^0 \bar{K}^0 \bar{D}^{*-} D^{*0})$	11654	11537	1	18348
11656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 \bar{p} \Xi_c'^+, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^0 \bar{K}^0 D^{*+} \bar{D}^{*-} \bar{p} \Xi_c'^+)$	11655	11538	1	18349
11657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \pi^+ \pi^- D^-, \bar{B}^0 \to \pi^0 \rho^- \omega D^{*+}$ $(e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^- \omega D^- D^{*+})$	1720	1714	1	18350
11658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \rho^- D^+ D_2^{*+} D_s^-)$	11657	11540	1	18351
11659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ p \bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^+ \pi^- \rho^- \eta' D^{*+}$ $(e^+e^- \to \pi^+ \pi^- \rho^- K^+ \eta' D^{*+} p \bar{\Sigma}_c^{*--})$	11658	11541	1	18352
11660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^0 \pi^+ \pi^- \rho^+ D^-, \bar{B}^0 \to \omega K^* K^{*-} D^+$ $(e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^+ \omega K^* K^{*-} D^+ D^-)$	11659	11542	1	18353
11661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+ K^- \bar{D}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \omega K^+ K^- D^{*+} \bar{D}^0)$	11660	11543	1	18354
11662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ \bar{D}^{*-} \gamma, B^0 \to \pi^+ \rho^+ K^* K^- \bar{D}^{*-}$ $(e^+e^- \to \pi^+ \rho^+ \rho^+ K^* K^- \bar{D}^{*-} \bar{D}^{*-} \gamma)$	11661	11544	1	18355

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0K^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0D^+D^-\bar{D}^{*-})$	11662	11545	1	18356
11664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\omega D^-D^{*+}n\bar{n})$	11663	11546	1	18357
11665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+D^-D_{s0}^{*+})$	11664	11547	1	18358
11666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	11665	11548	1	18359
11667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^-K^0D^+D^-D^{*+})$	11666	4872	1	18360
11668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\omega D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\omega D^-\bar{D}^{*-}D^0)$	11667	11549	1	18361
11669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Xi}_c'^-, \bar{B}^0 \to J/\psi\bar{K}_1'^0$ $(e^+e^- \to \rho^0J/\psi p\bar{\Xi}_c'^-\bar{K}_1'^0)$	11668	11550	1	18362
11670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^-D^-\bar{\Delta}^+\bar{\Sigma}^0\Sigma^+\Sigma_c^{*++})$	11669	11551	1	18363
11671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^-\omega\omega\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0\bar{D}^{*-}D_s^{*+}a_1^+\gamma)$	11670	11552	1	18364
11672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}\bar{D}^0D_s^+)$	11671	11553	1	18365
11673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega\omega D^+D^-)$	11672	11554	1	18366
11674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\rho^+\rho^+\rho^-D^-D_2^{*+}D_s^{*-})$	11673	11555	1	18367
11675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0K^+K^-D^+D^-\bar{D}^{*-})$	11674	11556	1	18368
11676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\omega\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\omega\omega\bar{D}^{*-}D^{*0})$	11675	11557	1	18369
11677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta a_0^+$ $(e^+e^- \to \pi^+\rho^-\eta\eta\bar{D}^{*-}a_0^+)$	11676	11558	1	18370
11678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0K^0\bar{K}^*D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0K^0\bar{K}^*D^+D_s^{*-})$	11677	11559	1	18371
11679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*+})$	11678	11560	1	18372

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Lambda}\Sigma^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	11679	11561	1	18373
11681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta D^-D^{*+})$	11680	1804	1	18374
11682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	11681	11562	1	18375
11683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	1721	1715	1	18376
11684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*0})$	11683	11564	1	18377
11685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Sigma}^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^0p\bar{\Sigma}^-)$	11684	11565	1	18378
11686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_0^{*-}, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta'D^{*+}D_0^{*-})$	11685	11566	1	18379
11687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^{*+}D^+, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^-\rho^-K^{*+}D^+D^{*+}D_s^-\gamma)$	11686	11567	1	18380
11688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi', \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-K^0D^+\psi')$	1722	1716	1	18381
11689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^-D^+\chi_{c1})$	11688	11569	1	18382
11690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^-D^{*+}D_s^{*+}\gamma)$	11689	11570	1	18383
11691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega K^{*+}\bar{n}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega K^{*+}D^-\bar{n}\Lambda)$	11690	11571	1	18384
11692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^{*0}\bar{\Lambda}\Xi^0$ $(e^+e^- \to \pi^-\bar{D}^0D^{*0}D_s^+\bar{\Lambda}\Xi^0)$	11691	11572	1	18385
11693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^0p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0p)$	11692	11573	1	18386
11694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}\phi D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^0K^{*+}K^{*-}\phi D^-D^{*+})$	11693	11574	1	18387
11695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0D^-D_s^+D_s^+)$	11694	11575	1	18388
11696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^+D^{*+})$	11695	11576	1	18389

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \rho^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^+\bar{D}^0\Delta^0\bar{\Delta}^0p\bar{p})$	11696	11577	1	18390
11698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	11697	11578	1	18391
11699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^{'0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^{'+}$ $(e^+e^- \to e^-\bar{\nu}_eJ/\psi K_1^{'0}D_1^{'+})$	11698	11579	1	18392
11700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^{*+})$	11699	11580	1	18393
11701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^+)$	11700	11581	1	18394
11702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+D^-)$	11701	11582	1	18395
11703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+D^+\bar{D}^{*-}\bar{n}p)$	11702	11583	1	18396
11704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^*K^-D^+\bar{D}^0)$	11703	11584	1	18397
11705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^-K^0K^-D^+\bar{n}\Sigma_c^+)$	11704	11585	1	18398
11706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\bar{K}^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0K^0\bar{K}^0\bar{K}^0K^{*+}D^-D_2^{*+}D_s^{*-})$	11705	11586	1	18399
11707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^{'+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{D}^{*-}D_1^{'+})$	11706	11587	1	18400
11708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^+\rho^-\rho^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	11707	11588	1	18401
11709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}^{'+}, B^0 \to \pi^0\pi^0D^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0D^-\bar{D}^{*-}D_s^{*+}D_{s1}^{'+})$	11708	11589	1	18402
11710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega K^+D^-D_2^{*+}D^0)$	11709	11590	1	18403
11711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	11710	11591	1	18404
11712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0D^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	11711	11592	1	18405
11713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\rho^+\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Sigma_c^{++})$	11712	11593	1	18406

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-K^+K^-D^+\bar{D}^{*-})$	11713	11594	1	18407
11715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^{*0}D_s^{*+}D_1^-)$	11714	11595	1	18408
11716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+\eta_c)$	11715	11596	1	18409
11717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	11716	11597	1	18410
11718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0D^{*+}D^0\bar{D}^{*0})$	11717	11598	1	18411
11719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}\bar{D}^0D_s^+)$	11718	11599	1	18412
11720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \bar{D}^{*-}D_{s0}^{*+}\gamma$ $(e^+e^- \to \rho^+\bar{D}^{*-}D_2^{*-}D_{s0}^{*+}\gamma)$	11719	11600	1	18413
11721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-K^{*+}D^0D_1'^+)$	11720	11601	1	18414
11722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^0\bar{K}^*\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0\bar{K}^*\bar{K}^*\bar{D}^{*0})$	11721	11602	1	18415
11723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-})$	11722	11603	1	18416
11724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0\bar{K}^0\phi D^+\bar{D}^{*-})$	11723	11604	1	18417
11725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\omega\omega D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega\omega\omega D^-\bar{D}^{*-})$	11724	11605	1	18418
11726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^*K^{*-}D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\omega K^*K^{*-}D^-D^{*+}D_{s1}'^-)$	11725	11606	1	18419
11727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0\bar{K}^*D^-D^{*+})$	11726	11607	1	18420
11728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_{s1}'^+)$	11727	11608	1	18421
11729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+J/\psi, \bar{B}^0 \to \pi^+\rho^-D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^+J/\psi\Sigma^-\bar{\Sigma}^0)$	11728	11609	1	18422
11730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^{*+}D_1^-)$	11729	11610	1	18423

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+K^0D^0\bar{D}^0D^{*0}D_s^-)$	11730	11611	1	18424
11732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\rho^+\eta K^0K^-D^+\bar{D}^{*-})$	11731	11612	1	18425
11733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+D^+n\bar{\Lambda}_c^-)$	11732	11613	1	18426
11734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\omega\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega\omega\bar{K}^0K^{*+}D^+D^-)$	11733	11614	1	18427
11735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+D^-n\bar{\Sigma}_c^0)$	1723	1717	1	18428
11736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*-})$	11735	11616	1	18429
11737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^0K^{*+}D^+D^-)$	11736	11617	1	18430
11738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-$ $(e^+e^- \to \pi^+D_2^{*-}D_s^+\Delta^0\bar{\Sigma}_c^-)$	11737	11618	1	18431
11739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^{*0}D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^{*+}D^{*0}D_s^-)$	11738	11619	1	18432
11740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{K}^0K^-D^{*+}\bar{D}^{*0}D_s^+)$	11739	11620	1	18433
11741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^-K^{*+}J/\psi$ $(e^+e^- \to \rho^-K^{*+}\bar{D}^{*-}J/\psi a_1^+)$	11740	11621	1	18434
11742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	11741	11622	1	18435
11743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	11742	11623	1	18436
11744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^+\bar{D}^{*0}D_s^{*-})$	355	355	1	18437
11745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^0K^{*-}D^+D^-)$	11744	11625	1	18438
11746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\omega\omega, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\eta\eta\omega\omega\omega D^+)$	11745	11626	1	18439
11747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}p\bar{p})$	11746	11627	1	18440

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \rho^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^- D^- D^-)$	1725	1719	1	18441
11749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\rho^- K^- D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^- K^- D^- D_s^+)$	1726	1720	1	18442
11750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \eta\bar{K}^0 J/\psi$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\eta\bar{K}^0 J/\psi)$	11749	11630	1	18443
11751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+} D_2^{*-})$	11750	11631	1	18444
11752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^+\Sigma_c^{*0})$	11751	11632	1	18445
11753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^+\eta_c)$	1727	1721	1	18446
11754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega K^*\bar{K}^*$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^0 K^*\bar{K}^* D^0\bar{D}^{*0})$	11753	11634	1	18447
11755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta K^0 K^0 K^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta K^0 K^0 K^{*-} D^+)$	11754	11635	1	18448
11756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+\omega D^-$ $(e^+e^- \to \pi^+\rho^+\omega D^-\bar{D}^{*-})$	11755	11636	1	18449
11757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+ K^- p\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+ K^- p\bar{p} D_1'^-)$	11756	11637	1	18450
11758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+ D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^- D^-\bar{D}^{*-})$	11757	11638	1	18451
11759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+ D^+\bar{D}^{*-} np\bar{p}\bar{p})$	1728	1722	1	18452
11760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\eta\omega K^0 D^+ D^{*+}\bar{D}^{*-})$	11759	11640	1	18453
11761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+ D^-)$	11760	11641	1	18454
11762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^- K^+ K^+ K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0 K^+ K^+ K^{*-} D^+\bar{D}^0\bar{D}^0)$	11761	11642	1	18455
11763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^- D_1^+, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+ D_s^-\bar{p}\Sigma_c^{*0} D_1^+)$	11762	11643	1	18456
11764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^- D^{*0} D_1^+)$	11763	11644	1	18457

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{n}p, B^0 \to \omega K^0 D^- D^{*+}$ $(e^+e^- \to \omega K^0 D^- D^- D^{*+}\bar{n}p)$	11764	11645	1	18458
11766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	11765	2618	1	18459
11767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^- D^+\bar{D}^{*-}a_1^+\gamma)$	11766	11646	1	18460
11768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^- D^{*+}D^{*+})$	11767	11647	1	18461
11769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^- K^0K^+K^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega K^0K^+K^-D^+)$	11768	11648	1	18462
11770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^0K^-D^+D^-D^{*+})$	11769	11649	1	18463
11771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^+ D_0^{*-})$	11770	11650	1	18464
11772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^+D^{*+})$	11771	11651	1	18465
11773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega K^{*-}D^+\bar{D}^{*-})$	11772	11652	1	18466
11774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^*D^+\bar{D}^{*-}D_s^-)$	11773	11653	1	18467
11775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0D^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0D^+D^-\bar{D}^{*0})$	11774	11654	1	18468
11776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^+K^-D^{*+}\bar{D}^{*-}D^{*0})$	11775	11655	1	18469
11777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c1}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+D^{*+}\chi_{c1})$	11776	11656	1	18470
11778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{K}^0K^*D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+\omega\bar{K}^0K^*D^+D^-D_s^{*-})$	11777	11657	1	18471
11779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-K^*\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^*\bar{K}^*D^+D^{*0}D_s^-)$	11778	11658	1	18472
11780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^+\bar{D}^{*0})$	11779	11659	1	18473
11781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^{*+}\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \rho^-K^-D^{*+}D^{*+}\bar{D}^{*0}\Sigma^0\bar{\Sigma}^0)$	11780	11660	1	18474

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^{*+}D^-D^{*+})$	11781	11661	1	18475
11783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta D^+D_s^{*-}D_1^+)$	11782	11662	1	18476
11784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}D^{*+}D_s^{*-})$	11783	11663	1	18477
11785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-})$	11784	11664	1	18478
11786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \eta K^*K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^*K^-D^+D^{*+})$	11785	11665	1	18479
11787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	11786	11666	1	18480
11788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^-D_1^+)$	11787	11667	1	18481
11789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to K^0K^0\bar{K}^*K^-\phi D^+$ $(e^+e^- \to K^0K^0\bar{K}^*K^-\phi D^+D^-D_{s0}^{*+})$	11788	11668	1	18482
11790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^-K^{*+}K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0K^-K^{*+}K^{*+}K^{*-}D^+D^-)$	11789	11669	1	18483
11791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^0D_s^+n\bar{p})$	11790	11670	1	18484
11792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^+K^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-K^0K^+K^-D^{*+})$	11791	11671	1	18485
11793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	11792	11672	1	18486
11794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega\bar{K}^0K^+D^+D^-)$	11793	11673	1	18487
11795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to K^+\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{\Delta}^+\Xi_c^0D_0^{*-})$	11794	11674	1	18488
11796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	11795	11675	1	18489
11797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^+\bar{D}^{*-})$	1729	1723	1	18490
11798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^-\rho^+\eta\omega\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta\omega D^-\bar{D}^{*0})$	11797	11677	1	18491

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+}D^{*0}D'^-_{s1})$	11798	11678	1	18492
11800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	11799	11679	1	18493
11801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D_s^- D_1^+\gamma$ $(e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}D_s^- D_1^+\gamma)$	11800	11680	1	18494
11802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-)$	11801	11681	1	18495
11803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^- D^-D^{*0}\bar{\Delta}^+\Sigma^+)$	1730	1724	1	18496
11804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0\bar{K}^*K^+D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{K}^*K^+D^-D_s^+)$	11803	11683	1	18497
11805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^+\bar{D}^{*-})$	11804	11684	1	18498
11806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta D^0 p\bar{\Sigma}_c^-)$	11805	11685	1	18499
11807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^- D^-D^0D_s^-)$	11806	11686	1	18500
11808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to K_L J/\psi$ $(e^+e^- \to K_L\pi^+\eta\omega D^- J/\psi)$	11807	11687	1	18501
11809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\bar{D}^{*-}D^0)$	11808	11688	1	18502
11810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\rho^-\eta D^+)$	11809	11689	1	18503
11811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0K^+K^-D^+D^-)$	11810	11690	1	18504
11812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_s^{*-}\gamma)$	1731	1725	1	18505
11813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0 D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0 D^-D^{*+}n\bar{p})$	11812	11692	1	18506
11814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^+\eta\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	11813	11693	1	18507
11815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\rho^+\rho^-\omega D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega D^-\bar{D}^{*-}a_1^+)$	11814	11694	1	18508

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^0K^*\bar{K}^*, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\eta K^0K^*\bar{K}^*D^{*+})$	11815	11695	1	18509
11817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^-D_1'^+)$	11816	11696	1	18510
11818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to e^+\nu_e\pi^-D^-\bar{\Delta}^+\Sigma_c^{*++})$	11817	11697	1	18511
11819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^-K^+K^-D^{*+}\bar{D}^{*-}D_s^{*+})$	11818	11698	1	18512
11820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}p\bar{\Delta}^{++})$	11819	11699	1	18513
11821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^{*+}D^{*0})$	1732	1726	1	18514
11822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\bar{D}^0D_s^{*+}D_1'^+)$	11821	11701	1	18515
11823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D_2^{*+}D_2^{*-}D_s^{*-})$	356	356	1	18516
11824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, B^0 \to \mu^+\nu_\mu\pi^+\pi^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-D^-n\bar{\Sigma}_c^-)$	11823	11703	1	18517
11825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*0})$	11824	11704	1	18518
11826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^{*+}n\bar{\Sigma}_c^0)$	11825	11705	1	18519
11827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^{*-}D^-D^{*+})$	11826	11706	1	18520
11828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^-K^-D_s^+$ $(e^+e^- \to \pi^+\eta K^*K^-K^-D^+\bar{D}^{*-}D_s^+)$	11827	11707	1	18521
11829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0K^*, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0\bar{K}^0K^*D^+)$	11828	11708	1	18522
11830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}^-)$	11829	11709	1	18523
11831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-K^0D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^-K^0\bar{D}^{*-}D^0)$	11830	11710	1	18524
11832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0K^+K^+K^-D_s^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\eta K^0\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^{*-}D_s^-)$	11831	11711	1	18525

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\Delta^0\bar{\Lambda}_c^-)$	11832	11712	1	18526
11834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\rho^+\eta D^-D^{*+}\Delta^-\bar{n})$	357	357	1	18527
11835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega K^+K^{*-}D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^+K^{*-}\eta' D^+D^-)$	11834	11714	1	18528
11836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^-D^{*+})$	11835	11715	1	18529
11837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\bar{K}^*D_s^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+\rho^-\bar{K}^*\bar{D}^{*-}D_s^+)$	11836	11716	1	18530
11838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^0J/\psi K_1^0)$	11837	11717	1	18531
11839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_s^{*+}\gamma)$	11838	11718	1	18532
11840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+K^-K^-D_s^+$ $(e^+e^- \to \pi^+K^+K^-K^-D^-D^{*0}D_s^+)$	11839	11719	1	18533
11841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*-})$	11840	11720	1	18534
11842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_{s1}'^-)$	11841	11721	1	18535
11843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-\omega D^+\bar{D}^{*0})$	11842	11722	1	18536
11844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\eta\bar{D}^{*-}D_s^{*-}D_1^+)$	11843	11723	1	18537
11845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+K^{*-}D^-D^0$ $(e^+e^- \to \pi^+\pi^+K^{*-}D^-\bar{D}^{*-}D^0D_s^{*+})$	11844	11724	1	18538
11846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*J/\psi, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0K^*J/\psi J/\psi)$	11845	11725	1	18539
11847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^+D^-D^0, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \pi^+\rho^-K^+D^-D^{*+}D^0a_1^-\gamma)$	11846	11726	1	18540
11848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^-\bar{p}\Sigma_c^{++})$	11847	11727	1	18541
11849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\eta' D^-, \bar{B}^0 \to \bar{K}^*\phi\eta_c$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\bar{K}^*\eta'\phi D^-\eta_c)$	11848	11728	1	18542

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+\bar{D}^{*-}, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+$ $(e^+e^- \to K^0D^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	1735	1729	1	18543
11851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0\bar{D}^{*-}D^0)$	11850	11730	1	18544
11852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta\eta K^{*+}\bar{D}^0D^{*0}D^{*0})$	11851	11731	1	18545
11853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}n\bar{\Delta}^+)$	11852	11732	1	18546
11854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^+D^-D^{*+}D^{*0}D_s^{*-})$	11853	11733	1	18547
11855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\eta D^0$ $(e^+e^- \to \pi^+\pi^-\eta\eta K^-D^{*+}D^0\bar{D}^{*0})$	11854	11734	1	18548
11856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D_s^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^-D_s^{*+})$	11855	11735	1	18549
11857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+})$	11856	11736	1	18550
11858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0})$	11857	11737	1	18551
11859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta'D^+\bar{D}^{*-}, B^0 \to \omega\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \omega\eta'D^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	85	85	1	18552
11860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^{*+})$	11859	11738	1	18553
11861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+\bar{n}\Sigma_c^+)$	11860	11739	1	18554
11862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-K^+K^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^+K^{*-}\eta_c)$	11861	11740	1	18555
11863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	11862	11741	1	18556
11864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^{*+}D^{*+}D_s^{*-})$	11863	11742	1	18557
11865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^{*-}\eta'D^-D^{*+}\bar{D}^{*0})$	11864	11743	1	18558
11866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^*\bar{K}^*D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^*\bar{K}^*D^-D_2^{*+})$	11865	11744	1	18559

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+, \bar{B}^0 \to \pi^+\pi^-K^*K^-\eta' D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\pi^-K^*K^-\eta' D^{*+})$	11866	11745	1	18560
11868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^-K^{*+}D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^-K^{*+}D^+\bar{D}^{*-})$	11867	11746	1	18561
11869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^+\eta' D^-, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+\eta' D^+D^-n\bar{n})$	11868	11747	1	18562
11870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-D^-D^0p\bar{\Delta}^+\bar{\Sigma}^0\Sigma^+)$	11869	11748	1	18563
11871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega K^0\bar{K}^0D^-D^{*+})$	11870	11749	1	18564
11872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}D^0D_s^{*-})$	11871	11750	1	18565
11873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\bar{K}^*D^+D^-\bar{D}^{*0}p\bar{p})$	11872	11751	1	18566
11874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\eta K^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\eta K^{*+}\bar{D}^0D_0^{*+})$	11873	11752	1	18567
11875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^-D^{*+}a_1^-)$	11874	11753	1	18568
11876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-D^+D^+)$	11875	11754	1	18569
11877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^-n\bar{n}\bar{\Sigma}_c^0\Sigma_c^+)$	11876	11755	1	18570
11878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	11877	11756	1	18571
11879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega\omega D^-D^{*+})$	11878	11757	1	18572
11880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Delta}^+, \bar{B}^0 \to \rho^+K^0\bar{K}^0D_s^-$ $(e^+e^- \to \rho^+K^0\bar{K}^0\bar{D}^0D_s^-p\bar{\Delta}^+)$	11879	11758	1	18573
11881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D_s^{*+}D_s^{*-})$	11880	11759	1	18574
11882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^-)$	11881	11760	1	18575
11883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^+)$	11882	11761	1	18576

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta\eta\omega D^+\bar{D}^{*0}D_s^-)$	11883	11762	1	18577
11885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 J/\psi, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+K^0D^0J/\psi)$	11884	11763	1	18578
11886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^- D^+\gamma$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D^+D^-\gamma)$	11885	11764	1	18579
11887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\bar{D}^{*-}D_1'^+)$	1737	1731	1	18580
11888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^+K^-D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^0\pi^-\rho^+K^+K^-D^-\bar{\Delta}^+\Sigma_c^{++})$	11887	11766	1	18581
11889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^-)$	11888	11767	1	18582
11890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\eta D^+\bar{D}^{*-})$	359	359	1	18583
11891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 D^- D_s^+, B^0 \to \omega\omega\bar{D}^0$ $(e^+e^- \to \pi^0\omega\omega D^-\bar{D}^0D_s^+)$	11890	11769	1	18584
11892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0K^*D^+D^+D^-\bar{D}^{*-})$	11891	11770	1	18585
11893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta K^+D^+\bar{D}^{*0})$	11892	11771	1	18586
11894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^+D_s^-)$	11893	11772	1	18587
11895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	11894	11773	1	18588
11896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to e^+\nu_e\pi^+\pi^- D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K_SD^-\eta_c)$	11895	11774	1	18589
11897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^0K^*\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\bar{K}^0K^*D^+\bar{D}^0)$	11896	11775	1	18590
11898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{n}\Delta^0$ $(e^+e^- \to \rho^+\omega\bar{D}^{*-}D^{*0}\bar{n}\Delta^0)$	11897	11776	1	18591
11899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}\bar{n}p)$	1739	1733	1	18592
11900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta K^0\bar{K}^0D^-D^{*+})$	11899	11778	1	18593

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-K^+\bar{D}^{*-}D_1^+)$	11900	11779	1	18594
11902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	11901	11780	1	18595
11903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^{*+}D^{*+})$	1740	1734	1	18596
11904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\rho^-D_2^{*+}\bar{D}^{*0})$	11903	11782	1	18597
11905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+})$	11904	11783	1	18598
11906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^+K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^+K^+K^{*-}D^+\bar{D}^{*-}D^{*0})$	11905	11784	1	18599
11907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-D^+D^-)$	11906	11785	1	18600
11908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*p\bar{p}, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+K^*D^0D_s^{*-}p\bar{p})$	11907	11786	1	18601
11909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta\bar{K}^0K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^-D^{*0})$	11908	11787	1	18602
11910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0K^+K^-\bar{D}^{*0}D_s^+D_s^{*-})$	11909	11788	1	18603
11911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^-D^{*+}D_s^{*-}\bar{\Delta}^0p)$	1741	1735	1	18604
11912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^+D^-D^0\bar{D}^{*0})$	11911	11790	1	18605
11913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0D^-, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0D^-J/\psi)$	11912	11791	1	18606
11914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	11913	11792	1	18607
11915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	11914	11793	1	18608
11916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \rho^0\bar{K}^*D^0$ $(e^+e^- \to \rho^0\bar{K}^*\bar{D}^{*-}D^0D_{s0}^{*+})$	11915	11794	1	18609
11917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^+D^{*+})$	11916	11795	1	18610

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+})$	11917	313	1	18611
11919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^0D^-D^{*0})$	11918	11796	1	18612
11920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\eta'D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\omega\eta'D^-D^{*+})$	11919	11797	1	18613
11921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^0)$	11920	11798	1	18614
11922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-}D_s^{*+})$	11921	11799	1	18615
11923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D^{*+})$	1742	1736	1	18616
11924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^+K^+K^-D^0D^{*0}\bar{D}^{*0})$	11923	11801	1	18617
11925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0K^{*-}D^+\bar{D}^0)$	11924	11802	1	18618
11926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega\bar{D}^{*-}D_1^+)$	11925	11803	1	18619
11927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-})$	11926	11804	1	18620
11928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+D^-D^{*+})$	11927	11805	1	18621
11929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^-\omega K^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^*K^{*+}D^+\bar{D}^{*-})$	23	23	1	18622
11930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	11929	11807	1	18623
11931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	11930	11808	1	18624
11932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}a_1^+)$	11931	11809	1	18625
11933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \bar{K}^*K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	11932	11810	1	18626
11934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta'D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0K^-\eta'D^-D^{*+})$	11933	11811	1	18627

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+D^-D^0D_s^{*-})$	11934	11812	1	18628
11936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta' D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\eta' D^{*+}D_2^{*-})$	11935	11813	1	18629
11937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^+D_s^{*-}\gamma)$	11936	11814	1	18630
11938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \rho^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega K^+D^-\bar{D}^{*-}D^0)$	11937	11815	1	18631
11939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}p\bar{p})$	11938	11816	1	18632
11940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^+D^{*+}D_s^{*-})$	361	361	1	18633
11941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*\bar{K}^*D^+D^+\bar{D}^{*-})$	11940	11817	1	18634
11942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\bar{K}^*K^+D_s^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \eta\bar{K}^0K^*\bar{K}^*K^+D_s^{*-}\bar{\Sigma}^0\Xi_c^0)$	11941	11818	1	18635
11943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^-K^0K^-D^+\bar{D}^{*0}D_s^{*+})$	11942	11819	1	18636
11944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+\eta' D^-D_1^+)$	11943	11820	1	18637
11945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\eta\omega\bar{D}^{*-}D_2^{*+}D_s^-)$	11944	11821	1	18638
11946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-K^{*+}D^{*+}D^0\bar{D}^{*0})$	11945	11822	1	18639
11947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^*D^+D^-)$	11946	11823	1	18640
11948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \rho^+\bar{K}^0D^{*+}\bar{D}^{*-}D^0D_s^{*-})$	362	362	1	18641
11949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta' D^+\bar{D}^{*0}n\bar{n})$	11948	11825	1	18642
11950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+D^-, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}$ $(e^+e^- \to \bar{K}^0K^+D^-\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0})$	11949	11826	1	18643
11951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega K^+K^{*-}D^{*+}\bar{D}^{*-})$	11950	11827	1	18644

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^-K^*\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^*\bar{D}^{*0}\bar{D}^{*0})$	11951	11828	1	18645
11953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega D^{*0}\bar{p}\Sigma_c^0)$	11952	11829	1	18646
11954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^+D_2^{*-}D_s^+)$	1746	1740	1	18647
11955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^0)$	11954	11831	1	18648
11956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	11955	11832	1	18649
11957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^+D^-n\bar{n})$	11956	11833	1	18650
11958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^{*+}D^{*+})$	11957	11834	1	18651
11959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\eta'\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^{*+}\eta'D^+\bar{D}^{*-})$	11958	11835	1	18652
11960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-D^+\bar{D}^{*0})$	1747	1741	1	18653
11961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^{*0}\eta_c)$	11960	11837	1	18654
11962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^-\rho^+\omega K^0K^0K^{*-}D^+D^+\bar{D}^{*-})$	11961	11838	1	18655
11963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^*K^-D^{*+}\bar{D}^0)$	11962	11839	1	18656
11964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega K^0D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^0D^-D_2^{*+}D_s^-)$	11963	11840	1	18657
11965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{D}^{*-}D^0\bar{D}^{*0})$	11964	11841	1	18658
11966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^{*+}\bar{D}^{*0}n\bar{n})$	11965	11842	1	18659
11967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}^+, B^0 \to \tau^+\nu_\tau D_0^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^-D_0^{*-}D_{s1}^+)$	1748	1742	1	18660
11968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega K^+K^-D^+\bar{D}^{*-})$	11967	11844	1	18661

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\eta D^+D^-)$	11968	11845	1	18662
11970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_2^{*+}D_s^-)$	11969	11846	1	18663
11971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+\rho^+\rho^-\omega D^+D^-D_s^-)$	11970	11847	1	18664
11972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\phi\eta_c, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \bar{K}^*\phi D^0\eta_c\Delta^+\bar{\Delta}^+)$	11971	11848	1	18665
11973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_2^{*-}, \bar{B}^0 \to D^{*+}\bar{\Delta}^+\Sigma^{*0}$ $(e^+e^- \to \pi^+D^{*+}D_2^{*-}\bar{\Delta}^+\Sigma^{*0})$	11972	11849	1	18666
11974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-})$	11973	11850	1	18667
11975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta K^0K^{*-}D^+D^-)$	87	87	1	18668
11976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-D^-D^{*+})$	11975	11852	1	18669
11977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-D^-D^{*+}\gamma)$	11976	11853	1	18670
11978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0p\bar{\Sigma}_c^{*-}D_0^{*+})$	88	88	1	18671
11979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-})$	11978	11855	1	18672
11980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\rho^+D^+D^-)$	11979	11856	1	18673
11981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0D^{*+}D^{*+}D_s^-D_{s1}'^-)$	11980	11857	1	18674
11982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*0})$	11981	11858	1	18675
11983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^*K^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-K^*K^-\bar{D}^0D_0^{*+})$	11982	11859	1	18676
11984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^+K^{*-}D^+\bar{D}^{*-}D^0\bar{D}^{*0})$	1751	1745	1	18677
11985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*K^+D_s^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^*K^+D^+D_s^{*-})$	11984	11861	1	18678

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
11986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	11985	11862	1	18679
11987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^-D^+p\bar{p}$ $(e^+e^- \to \rho^-D^+D_s^{*+}p\bar{p}D_1'^-)$	11986	11863	1	18680
11988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+K^-\bar{D}^{*-}\chi_{c1})$	1752	1746	1	18681
11989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \rho^0\pi^+\bar{D}^{*-}p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}p\bar{p})$	11988	11865	1	18682
11990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta K^{*+}D^-, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^{*+}D^+D^-D_s^{*-})$	11989	11866	1	18683
11991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0})$	11990	11867	1	18684
11992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}D_2^{*+}\gamma)$	11991	11868	1	18685
11993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \eta K^*K^{*-}D^+p\bar{\Sigma}_c^{*-})$	11992	11869	1	18686
11994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*J/\psi, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^*D^+J/\psi)$	11993	11870	1	18687
11995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^-K^{*+}p\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^{*+}\bar{D}^{*-}p\bar{\Lambda}_c^-)$	11994	11871	1	18688
11996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^0p\bar{p})$	11995	11872	1	18689
11997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_{s1}^+)$	11996	11873	1	18690
11998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^{*+})$	11997	11874	1	18691
11999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0\bar{K}^0K^{*+}D^-\bar{D}^0D^{*0})$	11998	11875	1	18692
12000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+)$	11999	11876	1	18693
12001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-\eta\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^+\rho^-\eta\eta K^0\bar{K}^*D^+\bar{D}^{*-}D^0)$	12000	11877	1	18694
12002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-D^+D_s^{*+}D_1^-)$	1753	1747	1	18695

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^-K^+D^+D^-D_2^{*+}D_s^{*-})$	12002	11879	1	18696
12004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-D^{*+}D^{*+}D_s^-)$	12003	11880	1	18697
12005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to D^-D_s^{*+}\gamma$ $(e^+e^- \to \rho^0\rho^+D^-\bar{D}^{*-}D_s^{*+}\gamma)$	12004	11881	1	18698
12006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-D^0D_1'^-)$	1754	1748	1	18699
12007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+})$	12006	11883	1	18700
12008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	12007	11884	1	18701
12009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \phi D^{*+}\bar{D}^{*-}D_s^+D_{s1}'^-)$	12008	11885	1	18702
12010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^+D_s^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+D^{*+}D_s^{*-}a_1^-)$	12009	11886	1	18703
12011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	12010	11887	1	18704
12012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	12011	11888	1	18705
12013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	12012	11889	1	18706
12014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^-D^+\bar{D}^{*-})$	12013	11890	1	18707
12015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0)$	12014	11891	1	18708
12016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	12015	11892	1	18709
12017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^-K^0\bar{K}^0\phi D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^{*-}\phi D^{*+}D^{*+}\bar{D}^{*0})$	12016	11893	1	18710
12018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau K^0K^{*-}D^+\bar{D}^{*-})$	12017	11894	1	18711
12019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^+D^-)$	12018	11895	1	18712

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	12019	11896	1	18713
12021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-D^+D^-D_s^-)$	12020	11897	1	18714
12022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+D^{*+}\bar{D}^{*-}D^0)$	365	365	1	18715
12023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}n\bar{p})$	12022	11899	1	18716
12024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D^{*0})$	12023	11900	1	18717
12025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+D^-\bar{\Delta}^-\Delta^0)$	12024	11901	1	18718
12026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}D_s^+)$	12025	11902	1	18719
12027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	12026	11903	1	18720
12028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	366	366	1	18721
12029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \omega\bar{D}^{*-}D^{*0}\bar{\Delta}^-n)$	12028	11905	1	18722
12030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta K^0\bar{K}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^0\bar{K}^0D_2^{*+}D_s^{*-})$	12029	11906	1	18723
12031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0\bar{K}^*K^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^0\bar{K}^*K^+\Delta^+\bar{\Sigma}_c^{--})$	12030	11907	1	18724
12032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+K^*K^{*-}D^+\bar{D}^{*-})$	12031	11908	1	18725
12033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{D}^0D_1^+)$	12032	11909	1	18726
12034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\omega\eta' D^+$ $(e^+e^- \to \pi^-\omega\eta' D^+\bar{D}^{*-}D_s^{*+})$	12033	11910	1	18727
12035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	12034	11911	1	18728
12036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\eta\omega\bar{D}^{*-}D^0)$	12035	11912	1	18729

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	12036	11913	1	18730
12038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+D^-\bar{\Delta}^-n)$	12037	11914	1	18731
12039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^{*+}\bar{D}^{*0}D_1^-)$	12038	11915	1	18732
12040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*K^-D^{*+}D_1'^-)$	12039	11916	1	18733
12041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^*D_s^+D_s^{*-}$ $(e^+e^- \to \rho^+\eta\omega\bar{K}^*D^-D_s^+D_s^{*-})$	12040	11917	1	18734
12042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^{*+}D_2^{*+})$	12041	11918	1	18735
12043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\eta K^*K^{*-}D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^*K^*\bar{K}^*K^{*-}D^+D^{*+})$	12042	11919	1	18736
12044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-})$	12043	11920	1	18737
12045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0})$	1757	1751	1	18738
12046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^*K^-D^{*+}\bar{D}^{*-}D^0)$	12045	11922	1	18739
12047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*0}p\bar{\Delta}^+)$	12046	11923	1	18740
12048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-D^{*+}\bar{D}^0\bar{n}\Delta^0)$	12047	11924	1	18741
12049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	1758	1752	1	18742
12050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}a_1^-)$	12049	11926	1	18743
12051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^{*+}D^-D^{*+}D^{*0})$	12050	11927	1	18744
12052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\omega\omega D^{*+}D_1'^-)$	1759	1753	1	18745
12053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega\omega D^+\bar{D}^{*-})$	12052	11929	1	18746

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^0K^-D^+$ $(e^+e^- \to K_L\pi^+\pi^-\pi^-\rho^+K^0K^-D^+\chi_{c1})$	12053	11930	1	18747
12055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0D^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^0D^+D^{*+}D_s^{*-})$	12054	11931	1	18748
12056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-D^+\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-D^+\bar{D}^{*-}\bar{n}p)$	89	89	1	18749
12057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0D^+\bar{D}^{*-}D_s^{*+}D_s^{*-})$	12056	11933	1	18750
12058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+K^*K^-D^{*+}\bar{D}^{*-})$	12057	11934	1	18751
12059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^-D_1^+)$	12058	11935	1	18752
12060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^0\eta\bar{K}^*K^+D^-$ $(e^+e^- \to \pi^0\eta\bar{K}^*K^+D^-D_2^{*-}D_s^+)$	1761	1755	1	18753
12061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^{*+}D^-, B^0 \to \pi^0\pi^0\rho^+\eta K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta K^0\bar{K}^0\bar{K}^*K^{*+}D^-\bar{D}^{*-})$	12060	11937	1	18754
12062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^+D_0^{*-})$	12061	11938	1	18755
12063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-\gamma, B^0 \to \omega\bar{K}^0K^+D^-$ $(e^+e^- \to \rho^+\omega\bar{K}^0K^+D^-D^-\gamma)$	12062	11939	1	18756
12064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+D^+D^-)$	12063	11940	1	18757
12065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-D^-, \bar{B}^0 \to \pi^-\pi^-\eta\omega\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^*K^+K^-D^+D^-)$	12064	11941	1	18758
12066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\eta\omega D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\eta\omega D^-\bar{D}^{*-})$	12065	11942	1	18759
12067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta K^*D^+D^-D^{*+})$	12066	11943	1	18760
12068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+D^-)$	12067	11944	1	18761
12069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	12068	11945	1	18762
12070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta'\bar{p}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\eta'\bar{D}^{*-}\bar{p}\Sigma_c^+)$	12069	11946	1	18763

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\rho^-\omega K^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega K^- D^{*0}\bar{D}^{*0})$	12070	11947	1	18764
12072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	12071	11948	1	18765
12073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\omega\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	1762	1756	1	18766
12074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0 D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 D^- D^{*+}n\bar{p})$	12073	11950	1	18767
12075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_s^- D_1'^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^- D_1'^+)$	12074	11951	1	18768
12076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^{*-}D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0 K^+K^{*-}D^- D^{*+}\bar{D}^{*-})$	12075	11952	1	18769
12077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\omega\omega D^0\bar{D}^0)$	12076	11953	1	18770
12078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0 D^{*0}\bar{D}^{*0}, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	12077	11954	1	18771
12079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	12078	11955	1	18772
12080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0 a_1^+)$	12079	11956	1	18773
12081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+ D_1'^-, B^0 \to \pi^+\eta D^-$ $(e^+e^- \to \pi^+\rho^+\eta D^- D_1'^-)$	12080	11957	1	18774
12082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^- D^+ D^- D_s^{*+})$	12081	11958	1	18775
12083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^- D^{*+}\bar{D}^{*0})$	12082	11959	1	18776
12084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^- D^{*+})$	12083	11960	1	18777
12085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D^+\bar{D}^{*-}D_1^+)$	12084	11961	1	18778
12086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^0\pi^+\eta D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\eta D^- D^-)$	12085	11962	1	18779
12087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0\eta' D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta K^0\bar{K}^0\eta' D^{*+}\bar{D}^{*-}p\bar{p})$	12086	11963	1	18780

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\omega D^+ n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^-\omega D^+ n\bar{n} D_1'^-)$	12087	11964	1	18781
12089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-})$	12088	11965	1	18782
12090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+K^-D^-D^0\bar{D}^0)$	12089	11966	1	18783
12091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta D^+\bar{D}^{*-})$	12090	11967	1	18784
12092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\eta' D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega\eta' D^{*+}\bar{D}^{*-})$	12091	11968	1	18785
12093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^0\bar{K}^0D^+\bar{D}^{*0})$	12092	11969	1	18786
12094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	12093	11970	1	18787
12095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^+p\bar{\Sigma}_c^-)$	12094	11971	1	18788
12096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\eta\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta\eta\eta' D^-D_2^{*+})$	12095	11972	1	18789
12097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta D^-D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\eta D^-D^{*+}D_s^+D_s^{*-})$	12096	11973	1	18790
12098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^{*+}D^{*+})$	12097	11974	1	18791
12099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\bar{K}^*\bar{D}^{*-}D^0)$	12098	11975	1	18792
12100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega\bar{K}^0D^+D^-)$	12099	11976	1	18793
12101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{D}^{*-}\Sigma^0\bar{\Xi}^+, \bar{B}^0 \to \pi^+\pi^+\rho^-\omega K^-\eta' D^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega\bar{K}^0K^-\eta'\bar{D}^{*-}D^{*0}\Sigma^0\bar{\Xi}^+)$	12100	11977	1	18794
12102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^-D^{*+})$	12101	11978	1	18795
12103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\eta\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\eta K^*\bar{K}^*K^+D^{*+}\bar{D}^0)$	1763	1757	1	18796
12104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*0})$	12103	11980	1	18797

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-})$	12104	11981	1	18798
12106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\omega D^+\Delta^+\bar{\Sigma}_c^{--})$	12105	11982	1	18799
12107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \omega K^*D^{*+}D^0\bar{D}^0n\bar{p})$	12106	11983	1	18800
12108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^0D^{*0}D_s^+D_s^-)$	12107	11984	1	18801
12109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*+})$	12108	11985	1	18802
12110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}\bar{\Delta}^0\Delta^+)$	12109	11986	1	18803
12111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Delta}^0p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^-\bar{\Delta}^0pD_1'^+)$	12110	11987	1	18804
12112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^{*+}\bar{D}^{*-}a_1^+)$	12111	11988	1	18805
12113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^0D_s^+)$	12112	11989	1	18806
12114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}\bar{D}^0)$	12113	11990	1	18807
12115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^+D^-)$	12114	11991	1	18808
12116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\omega K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^0D_s^{*+}D_1'^-)$	12115	11992	1	18809
12117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+D_1^-)$	12116	11993	1	18810
12118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^+D^-D^{*0})$	12117	11994	1	18811
12119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{p}\Xi_c'^+)$	12118	11995	1	18812
12120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^+D_2^{*+}D_s^{*-})$	12119	11996	1	18813
12121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\bar{K}^0K^+D^-D^{*+}D_{s1}'^-)$	12120	11997	1	18814

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^{*+}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^{*+}D^{*+}D^0)$	12121	11998	1	18815
12123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\bar{D}^{*-}p\bar{\Sigma}^{*+}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^-D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0p\bar{\Sigma}^{*+})$	12122	11999	1	18816
12124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^-\rho^+\rho^-D^{*+})$	12123	12000	1	18817
12125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*\bar{K}^*K^+D^-D^{*+}\bar{D}^{*0})$	12124	12001	1	18818
12126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega K^0K^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega K^0K^-D^{*+})$	12125	12002	1	18819
12127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to D^+D^0D_s^{*-}n\bar{\Delta}^0)$	12126	12003	1	18820
12128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^0K^-D^{*+}D_1^-)$	12127	12004	1	18821
12129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega K^-D^-D^{*+}D^{*+})$	12128	12005	1	18822
12130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K^0D^-D^{*+}D^0D_s^-)$	12129	12006	1	18823
12131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+})$	368	368	1	18824
12132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \rho^0\rho^0K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^+K^{*-}D^{*+}D_1'^-)$	12131	12008	1	18825
12133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0})$	12132	12009	1	18826
12134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to \pi^0\omega D^-D^{*+}\bar{D}^{*-}\bar{p}\Delta^{++})$	12133	12010	1	18827
12135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\eta D^-D^{*+})$	12134	12011	1	18828
12136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^{*+}D^+D_s^{*-}\Delta^0\bar{\Sigma}_c^-)$	12135	12012	1	18829
12137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}, \bar{B}^0 \to \pi^+\rho^+\rho^-\eta K^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta K^-D^{*0})$	1765	1759	1	18830
12138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^-)$	12137	4152	1	18831

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to K^+D^-D^0D^{*0}n\bar{\Delta}^0)$	12138	12014	1	18832
12140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_2^{*0}J/\psi, B^0 \to \rho^+\rho^-\eta\omega$ $(e^+e^- \to \rho^+\rho^-\eta\omega K_2^{*0}J/\psi)$	1766	1760	1	18833
12141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\psi', \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K_L D^{*+}\psi')$	12140	12016	1	18834
12142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+\bar{D}^0D^{*0}, B^0 \to \pi^0\pi^0\rho^0\rho^+ n\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\bar{D}^0D^{*0}n\bar{\Lambda}_c^-)$	1767	1761	1	18835
12143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^+D^-)$	12142	12018	1	18836
12144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0D^{*+}\bar{D}^{*0})$	1768	1762	1	18837
12145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \omega D_s^+\bar{n}\Sigma_c^0D_1^-)$	12144	12020	1	18838
12146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0K^0D^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0D^+D^-\bar{D}^{*-})$	12145	12021	1	18839
12147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\eta K^{*-}D^+D^-\bar{D}^{*-})$	12146	12022	1	18840
12148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^+D_s^-)$	12147	12023	1	18841
12149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^+D^-\bar{D}^{*0})$	369	369	1	18842
12150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^-K^0\bar{K}^0D^-D^{*+}a_1^+)$	12149	12025	1	18843
12151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-D^-\bar{n}p, \bar{B}^0 \to \pi^0\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{K}^*D^-D^0\bar{D}^0\bar{n}p)$	12150	12026	1	18844
12152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	12151	12027	1	18845
12153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+D^+D^-)$	12152	12028	1	18846
12154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to K_LD^-D_s^+\eta_c)$	12153	12029	1	18847
12155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^-\omega K^*D^+D^{*+}D_s^-)$	12154	12030	1	18848

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^+\pi^+\pi^-\eta K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^0K^+K^-D^-D^{*+}\bar{D}^{*-})$	12155	12031	1	18849
12157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^+D^0\bar{D}^0)$	12156	12032	1	18850
12158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	12157	12033	1	18851
12159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	12158	12034	1	18852
12160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+D^{*+}n\bar{\Delta}^+)$	12159	12035	1	18853
12161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-D^-\bar{D}^{*-})$	12160	12036	1	18854
12162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	12161	12037	1	18855
12163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\eta_c)$	12162	12038	1	18856
12164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^-D^{*+})$	12163	12039	1	18857
12165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^*\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega K^*D^{*+}\bar{D}^{*0})$	12164	12040	1	18858
12166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0D^{*0}D_s^{*+}D_s^{*-})$	1770	1764	1	18859
12167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^0\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^+D^0\eta_c\bar{\Sigma}^+\Sigma^-)$	12166	12042	1	18860
12168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	1771	1765	1	18861
12169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^+D^-)$	12168	12044	1	18862
12170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	12169	12045	1	18863
12171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-D^-D^{*+})$	12170	12046	1	18864
12172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\omega\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^-D^{*+}\bar{D}^0\bar{D}^{*0})$	12171	12047	1	18865

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\omega\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\bar{K}^0D^+D^-D^-)$	12172	12048	1	18866
12174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^{*-}J/\psi, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+K^{*-}D^0J/\psi\Delta^0\bar{\Delta}^0)$	12173	12049	1	18867
12175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*D^{*0}\bar{D}^{*0}D_s^+D_1^-)$	12174	12050	1	18868
12176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-D^-\Sigma^0\bar{\Sigma}^-)$	12175	12051	1	18869
12177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_2^{*-}, B^0 \to \rho^0\rho^+\bar{K}^0K^*D^-$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+\bar{K}^0K^*D^-D_2^{*-})$	12176	12052	1	18870
12178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-K^+D^+\bar{D}^0D_s^-)$	12177	12053	1	18871
12179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\omega D^+D_1'^+)$	1772	1766	1	18872
12180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^-\omega K^-K^{*+}D^+$ $(e^+e^- \to \rho^-\omega K^-K^{*+}D^+D^-D_s^+)$	1773	1767	1	18873
12181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+})$	12180	12056	1	18874
12182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega D^-\bar{D}^{*-})$	12181	12057	1	18875
12183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}n\bar{p})$	12182	12058	1	18876
12184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \rho^+\rho^-\omega K^0\bar{D}^0$ $(e^+e^- \to \rho^+\rho^-\omega K^0K^+D^-\bar{D}^0D^{*0})$	12183	12059	1	18877
12185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\eta\omega D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega D^-D^0D_s^-)$	12184	12060	1	18878
12186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-K^+K^-, \bar{B}^0 \to \rho^0\pi^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^*K^+K^-D_s^+)$	12185	12061	1	18879
12187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+D^-)$	12186	12062	1	18880
12188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-})$	12187	12063	1	18881
12189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	12188	12064	1	18882

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^*K^+D^+D^-n\bar{p})$	12189	12065	1	18883
12191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^{*-}D^+D^+\bar{D}^0n\bar{p})$	12190	12066	1	18884
12192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^{*0})$	12191	12067	1	18885
12193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^-D^{*+}n\bar{n})$	12192	12068	1	18886
12194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-})$	12193	12069	1	18887
12195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D^{*-}_{s0}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to D^{*+}D^0\Lambda\bar{\Sigma}^{*0}D^{*-}_{s0})$	12194	12070	1	18888
12196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}^-_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^{*+}p\bar{\Sigma}^-_c)$	12195	12071	1	18889
12197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to D^{*+}D'^-_{s1}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}p\bar{p}D'^-_{s1}\gamma)$	12196	12072	1	18890
12198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K^0_1, \bar{B}^0 \to \pi^-\bar{n}\Sigma^+_c$ $(e^+e^- \to \pi^-J/\psi\bar{n}\Sigma^+_cK^0_1)$	12197	12073	1	18891
12199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+_sD^{*-}_s, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^*D^+D^+_sD^{*-}_sn\bar{n})$	12198	12074	1	18892
12200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\rho^+\rho^-\eta\eta\eta D^{*+}\bar{D}^{*-})$	12199	12075	1	18893
12201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^{*-}_2, \bar{B}^0 \to \pi^0K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^{*+}D^{*-}_2\bar{D}^0)$	12200	12076	1	18894
12202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\omega D^-, B^0 \to \pi^+\pi^+\rho^-\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta\omega\eta'D^-\bar{D}^{*-})$	12201	12077	1	18895
12203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD'^-_1, \bar{B}^0 \to \pi^0\pi^+K^-\psi'$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D'^-_1\psi')$	12202	12078	1	18896
12204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta K^+K^-D^-D^{*+})$	12203	12079	1	18897
12205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K_SJ/\psi$ $(e^+e^- \to \pi^+K_S\bar{D}^{*-}D^{*0}J/\psi)$	12204	12080	1	18898
12206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\eta K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^*K^-D^+D^0\bar{D}^0)$	12205	12081	1	18899

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \rho^+K^+K^-D^-D_s^-D_1'^+)$	12206	12082	1	18900
12208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta'\eta'D^{*+}\bar{D}^{*-})$	12207	12083	1	18901
12209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-K^{*+}D^-D^{*+}D^0)$	12208	12084	1	18902
12210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	12209	12085	1	18903
12211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+D^-D_1^+)$	1774	1768	1	18904
12212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^0K^*D^-D^-)$	1775	1769	1	18905
12213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\Delta^0\bar{\Xi}_c^{*0})$	12212	12087	1	18906
12214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, B^0 \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-D^-)$	12213	12088	1	18907
12215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^0D_s^{*+})$	12214	12089	1	18908
12216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0D^{*+}D^0\bar{D}^{*0})$	12215	12090	1	18909
12217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^*K^{*-}D^{*+}\bar{D}^{*-})$	12216	12091	1	18910
12218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	12217	12092	1	18911
12219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+D^+\bar{D}^{*-})$	1776	1770	1	18912
12220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^0\rho^0\eta D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\eta D^{*0}D_1^+)$	12219	12094	1	18913
12221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to K^{*+}D^-D^-D^{*0}a_1^+)$	12220	12095	1	18914
12222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\omega D^-D^0)$	12221	12096	1	18915
12223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-D_1'^+)$	12222	12097	1	18916

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-D^+\bar{D}^{*-}p\bar{p}\Delta^+\bar{\Delta}^+)$	12223	12098	1	18917
12225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0D^-D_s^{*-}\bar{\Sigma}^0\Sigma^+D_1^+)$	12224	12099	1	18918
12226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta K^-D^+\bar{D}^{*-}D^0)$	12225	12100	1	18919
12227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	12226	12101	1	18920
12228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^0)$	12227	12102	1	18921
12229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^*K^+K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^*K^+K^{*-}D^0\bar{D}^{*0})$	12228	12103	1	18922
12230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^0D_{s1}'^-)$	12229	12104	1	18923
12231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\omega\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\omega\bar{K}^0D^+D^-D^-\bar{n}p)$	12230	12105	1	18924
12232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+\eta D^-D^{*+})$	12231	12106	1	18925
12233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+K^0D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-})$	12232	12107	1	18926
12234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^+D^-\bar{D}^{*-}D^0)$	12233	12108	1	18927
12235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+D^-D^{*+}D_s^{*-})$	12234	12109	1	18928
12236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\rho^+\rho^-D^+D^-D_s^-)$	12235	12110	1	18929
12237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+D^-\bar{D}^{*-})$	1777	1771	1	18930
12238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^0p\bar{\Sigma}_c^0)$	1778	1772	1	18931
12239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}D^0)$	12238	12113	1	18932
12240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+K^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^-D_2^{*-}D^0)$	12239	12114	1	18933

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta D^{*+}\bar{D}^{*-})$	12240	12115	1	18934
12242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+D^-D_s^{*-}\gamma)$	12241	12116	1	18935
12243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\omega\omega\bar{K}^*K^{*+}D^+D^-)$	370	370	1	18936
12244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \rho^0\rho^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\rho^+\eta\bar{D}^{*-}D_2^{*-}D_s^+)$	12243	12118	1	18937
12245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-\rho^-D^+p\bar{\Sigma}_c^0)$	12244	12119	1	18938
12246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta K^0D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\eta K^0D^+D_s^-)$	12245	12120	1	18939
12247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to D^-D^{*0}\bar{\Delta}^-n\Delta^+\bar{\Delta}^+)$	12246	12121	1	18940
12248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\bar{K}^0J/\psi\Delta^+\bar{\Sigma}_c^{*--})$	12247	12122	1	18941
12249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}a_1^+)$	1780	1774	1	18942
12250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-D_2^{*+}$ $(e^+e^- \to \pi^-K^{*+}D^-D_2^{*+}D^{*0})$	12249	12124	1	18943
12251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}p\bar{\Sigma}_c^{*-})$	12250	12125	1	18944
12252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^-\omega K^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^{*+}\bar{D}^{*-}\bar{D}^0)$	12251	12126	1	18945
12253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	12252	12127	1	18946
12254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\bar{\Sigma}^{*0}\Sigma_c^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*\bar{D}^{*0}\bar{\Sigma}^{*0}\Sigma_c^{*0})$	12253	12128	1	18947
12255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+K^*K^-D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+K^*K^-D^-\bar{\Delta}^+\Sigma_c^+)$	12254	12129	1	18948
12256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0K^0D^0\bar{D}^0\bar{n}\Sigma_c^0)$	12255	12130	1	18949
12257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^0\bar{\Delta}^-n$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^0\bar{\Delta}^-n)$	12256	12131	1	18950

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0K^+D^-D^{*+})$	12257	12132	1	18951
12259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^*K^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-\omega\bar{K}^*K^+D^+D^{*+})$	371	371	1	18952
12260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D_2^{*+}D^{*0}\bar{D}^{*0}D_s^{*-})$	12259	12134	1	18953
12261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, B^0 \to \pi^0\rho^+\eta\eta n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\eta nn\bar{p}\bar{\Sigma}_c^0)$	12260	12135	1	18954
12262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^-D^+n\bar{\Lambda}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^+D^-n\bar{\Lambda})$	1782	1776	1	18955
12263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+D^-\Delta^+\bar{\Delta}^+)$	12262	12137	1	18956
12264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\eta D^-D^{*+}a_1^-)$	12263	12138	1	18957
12265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0D^-D^0p\bar{\Sigma}_c^-)$	12264	12139	1	18958
12266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	1783	1777	1	18959
12267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta D^-D^0D_s^-)$	12266	12141	1	18960
12268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta D^-\bar{D}^{*-}D_{s1}'^+)$	12267	12142	1	18961
12269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+D^{*+}D_{s1}'^-)$	12268	12143	1	18962
12270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}D_1'^-)$	12269	12144	1	18963
12271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0K^+D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0K^+D^-\bar{D}^{*-}D^0)$	12270	12145	1	18964
12272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-D^-D^{*0})$	12271	12146	1	18965
12273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+K^0K^-D^+D^0)$	12272	12147	1	18966
12274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^*D^+D^{*+}\bar{D}^{*-})$	12273	2825	1	18967

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^+\rho^-D^+D^-)$	372	372	1	18968
12276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^+\bar{D}^0, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+\bar{D}^0D_s^-D_1^+)$	12275	12149	1	18969
12277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega K^+K^-D^-D^{*+})$	12276	12150	1	18970
12278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}p\bar{p})$	12277	12151	1	18971
12279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta'D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\eta'\bar{D}^{*-}D^{*0})$	12278	12152	1	18972
12280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+K^-\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+K^-\bar{D}^{*-}D_2^{*+}D^{*0}D_s^{*-})$	12279	12153	1	18973
12281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta\omega\omega D^-\bar{D}^{*-})$	12280	12154	1	18974
12282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0D^{*+}\bar{D}^0D_s^{*-})$	12281	12155	1	18975
12283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \rho^+\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	12282	12156	1	18976
12284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\eta K^0K^{*-}D^+D^-)$	12283	12157	1	18977
12285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+K^-\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-K^+K^-\bar{n}pD_1'^+)$	12284	12158	1	18978
12286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	12285	12159	1	18979
12287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+D^-D_s^{*+})$	12286	12160	1	18980
12288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{p}\Sigma_c^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^-K^{*+}D^{*0}\bar{p}\Sigma_c^{*+})$	12287	12161	1	18981
12289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	12288	12162	1	18982
12290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^+\eta D^+\bar{D}^{*-}D_s^-\gamma)$	12289	12163	1	18983
12291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}n\bar{n}\bar{p}\Lambda_c^+)$	1785	1779	1	18984

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^0K^-D^{*+}\bar{D}^{*-})$	12291	12165	1	18985
12293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	12292	12166	1	18986
12294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega K^{*-}D^+D^-)$	12293	12167	1	18987
12295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\eta' D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega\eta' D^-D^{*+})$	1786	1780	1	18988
12296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\eta\eta\omega\omega D^{*+}D^0)$	12295	12169	1	18989
12297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+D_1'^+)$	12296	12170	1	18990
12298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta_c\bar{n}\Lambda$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\eta_c\bar{n}\Lambda)$	12297	12171	1	18991
12299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\eta' D^+\bar{D}^{*-})$	12298	12172	1	18992
12300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	12299	12173	1	18993
12301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\bar{K}^0K^+D^-D^{*+})$	1787	1781	1	18994
12302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D^{*+}, B^0 \to e^+\nu_eD^-$ $(e^+e^- \to e^+\nu_eD^-D^-D^{*+})$	12301	12175	1	18995
12303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}a_1^+)$	12302	12176	1	18996
12304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^0, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to K^-D^+\bar{D}^0D^{*0}n\bar{n})$	12303	12177	1	18997
12305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^-\omega\eta' D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega\omega\eta' D^+D^-)$	12304	12178	1	18998
12306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+D^-D_1^+)$	12305	12179	1	18999
12307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\phi D^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-\omega\bar{K}^0K^+\phi D^+D^-)$	12306	12180	1	19000
12308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^*D^0\bar{D}^0\bar{n}\Delta^0)$	12307	12181	1	19001

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^0\bar{D}^0)$	12308	12182	1	19002
12310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-D^+\bar{D}^{*-})$	12309	12183	1	19003
12311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+D^0\bar{D}^0, \bar{B}^0 \to \rho^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\omega K^+K^-D^0D^0\bar{D}^0\bar{D}^{*0})$	12310	12184	1	19004
12312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\eta D^-D^0D_s^-)$	12311	12185	1	19005
12313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^{*+}\bar{D}^{*-}\gamma)$	12312	12186	1	19006
12314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-D^+D^-)$	12313	12187	1	19007
12315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \omega K^*\eta_c$ $(e^+e^- \to \omega K^*\bar{D}^{*-}\eta_c D_{s1}'^+)$	12314	12188	1	19008
12316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^0)$	12315	12189	1	19009
12317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\omega\bar{D}^0, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^-\rho^+\eta\omega\bar{K}^*\bar{D}^0\psi')$	12316	12190	1	19010
12318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0})$	12317	12191	1	19011
12319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^{*+}D_1'^-)$	12318	12192	1	19012
12320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\omega D^{*+}D_0^{*+})$	12319	12193	1	19013
12321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^-D^+D^+\bar{D}^{*0})$	12320	12194	1	19014
12322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega D^+D^-)$	12321	12195	1	19015
12323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	12322	12196	1	19016
12324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^-\rho^+K^0K^-D^+\bar{D}^0)$	12323	12197	1	19017
12325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^0D^{*+}, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^0D^{*+}\bar{D}^{*-})$	12324	12198	1	19018

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^- D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^- D^{*0})$	12325	12199	1	19019
12327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-n\bar{n}, B^0 \to \pi^+K^*K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+K^*K^+K^-D^-\bar{D}^{*-}n\bar{n})$	12326	12200	1	19020
12328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*K^-D^+\bar{D}^0)$	12327	12201	1	19021
12329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^+\pi^-\eta\bar{D}^{*0}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^-\bar{D}^{*0}n\bar{n})$	12328	12202	1	19022
12330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+\bar{D}^{*-}, B^0 \to \pi^0\bar{K}^0K^+\phi D^-$ $(e^+e^- \to \pi^0\bar{K}^0K^*K^+\phi D^+D^-\bar{D}^{*-})$	12329	12203	1	19023
12331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	12330	12204	1	19024
12332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^0\bar{K}^*K^-D^+\bar{D}^{*-}\bar{D}^{*-})$	12331	12205	1	19025
12333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^+\omega K^0\bar{K}^0K^-$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^0K^-\bar{D}^{*0}\bar{p}\Delta^+)$	12332	12206	1	19026
12334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-D^{*+}D_0^{*+})$	12333	12207	1	19027
12335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\Delta^0\bar{\Delta}^+D_1^+)$	12334	12208	1	19028
12336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^-K^+, \bar{B}^0 \to \eta\omega D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega K^+D^0)$	1788	1782	1	19029
12337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-K^+K^-D^-D_1^+)$	12336	12210	1	19030
12338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	12337	12211	1	19031
12339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-})$	12338	12212	1	19032
12340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	12339	12213	1	19033
12341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^+\omega\omega\bar{K}^0D^-D^0\bar{D}^{*0})$	12340	12214	1	19034
12342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, B^0 \to \pi^-\rho^+D^-\bar{n}p$ $(e^+e^- \to \pi^-\rho^+D^-\bar{D}^{*-}D_s^{*+}\bar{n}p\gamma)$	12341	12215	1	19035

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^0 D^+ D^0 \bar{D}^{*0})$	12342	12216	1	19036
12344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0 K^+ K^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0 K^+ K^- D^- D^{*+})$	12343	12217	1	19037
12345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \bar{K}^0 D_s^- D_s^{*+}$ $(e^+e^- \to \bar{K}^0\bar{D}^0 D_s^- D_s^{*+}\bar{n}\Delta^0)$	12344	12218	1	19038
12346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	12345	12219	1	19039
12347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta\omega D^+ D^+)$	12346	12220	1	19040
12348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^0 K^- D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0 K^0 K^- D^+ D^{*+}\bar{D}^{*-})$	12347	12221	1	19041
12349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	12348	12222	1	19042
12350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+ D^{*+} D_1^-)$	12349	12223	1	19043
12351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	12350	12224	1	19044
12352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0 D^- D_s^{*+}$ $(e^+e^- \to \pi^0\rho^+ D^-\bar{D}^{*-} D_s^{*+})$	12351	12225	1	19045
12353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+ D^-)$	12352	12226	1	19046
12354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-} D_s^+, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^0\rho^- D^+\bar{D}^{*-} D_s^+)$	12353	12227	1	19047
12355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*0})$	12354	12228	1	19048
12356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+ D^+)$	12355	12229	1	19049
12357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta' D^{*+}, \bar{B}^0 \to \pi^+\rho^- D^+ n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta' D^+ D^{*+} n\bar{p})$	1789	1783	1	19050
12358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K_S D_2^{*+}\eta_c)$	12357	12231	1	19051
12359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^0\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^0\bar{K}^* K^+ D^+ D^-)$	12358	12232	1	19052

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 J/\psi, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\eta\omega K^0 D^{*+} J/\psi)$	12359	12233	1	19053
12361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \omega\bar{K}^0 K^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\bar{K}^0 K^+\bar{D}^{*-}\bar{D}^{*-})$	1790	1784	1	19054
12362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+}D_2^{*-}D_s^+)$	1791	1785	1	19055
12363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	12362	12236	1	19056
12364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^- K^*\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0 K^*\bar{K}^* K^+ D^- D^{*+})$	12363	12237	1	19057
12365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to J/\psi K_1^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}$ $(e^+e^- \to \pi^-\bar{D}^0 D_s^{*+} J/\psi K_1^0)$	12364	12238	1	19058
12366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^0\bar{D}^{*0}, B^0 \to K^{*+}D^- D^0$ $(e^+e^- \to K^0 K^{*+} D^- D^0 D^0\bar{D}^{*0})$	12365	12239	1	19059
12367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta K^+K^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega K^+K^-D^-D^{*+})$	12366	12240	1	19060
12368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^0, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+K^* D^+\bar{D}^{*-}D^0 D_{s1}'^-)$	12367	12241	1	19061
12369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-})$	12368	12242	1	19062
12370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}n\bar{n})$	12369	12243	1	19063
12371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^{*-}D^+D^-\bar{D}^{*-})$	1792	1786	1	19064
12372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0 p\bar{\Lambda}_c^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}p\bar{\Lambda}_c^-)$	12371	12244	1	19065
12373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^0D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta K^0D^+D^{*+})$	12372	12245	1	19066
12374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\bar{K}^*D_s^-D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^*D_s^-D_s^{*+}n\bar{\Sigma}_c^0)$	12373	12246	1	19067
12375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0\eta\omega D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\omega D^0 D_0^{*+})$	12374	12247	1	19068
12376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^+, \bar{B}^0 \to \rho^0\pi^+\rho^-\eta$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^-\eta D^+)$	12375	12248	1	19069

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^*D^-)$	1793	1787	1	19070
12378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0\bar{K}^0D^{*+}D^{*+})$	12377	12250	1	19071
12379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^-\eta'D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta'D^+D^-)$	12378	12251	1	19072
12380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+D^-, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+D^-\bar{D}^{*0})$	12379	12252	1	19073
12381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*+}\Delta^-\bar{p}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^{*+}D^+\Delta^-\bar{p})$	12380	12253	1	19074
12382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	12381	12254	1	19075
12383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^+\gamma)$	12382	12255	1	19076
12384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K_L\bar{D}^{*-}\psi')$	12383	12256	1	19077
12385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+K^+K^-D^-D^{*+})$	12384	12257	1	19078
12386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK^*D^{*+}\bar{D}^{*-}D_1^-)$	12385	12258	1	19079
12387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta D^+D^{*+}n\bar{p})$	1794	1788	1	19080
12388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^-D^+D^-)$	12387	12259	1	19081
12389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0K^0D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	12388	12260	1	19082
12390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\rho^+\rho^-\omega\omega K^*K^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\omega\omega\omega K^*K^{*-}D^-)$	12389	12261	1	19083
12391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^+D^-D_s^{*+})$	12390	12262	1	19084
12392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*\phi D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+K^*\phi D^+D^+)$	12391	12263	1	19085
12393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0D^+D^-n\bar{\Sigma}_c^-)$	12392	12264	1	19086

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	12393	12265	1	19087
12395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-K^+D^+D^-D^0)$	12394	12266	1	19088
12396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^+K^{*-}D^+D^-)$	12395	12267	1	19089
12397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^+D^-)$	373	373	1	19090
12398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+\omega\omega D^+D^-)$	12397	12269	1	19091
12399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*-}\phi$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*-}\phi\bar{D}^{*-})$	12398	12270	1	19092
12400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega\bar{D}^{*-}D_2^{*+})$	12399	12271	1	19093
12401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta D^-D^{*+})$	12400	6463	1	19094
12402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+D_2^{*+}D_s^-\Delta^0\bar{\Sigma}_c^{*-})$	12401	12272	1	19095
12403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega K^0\bar{K}^0D^-D^{*+})$	12402	12273	1	19096
12404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-D^-D^{*+})$	12403	12274	1	19097
12405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Sigma^{*0}\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\omega D^{*+}\Sigma^{*0}\bar{\Xi}_c^{*0})$	12404	12275	1	19098
12406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to e^+\nu_eD^-$ $(e^+e^- \to e^+\nu_eD^-D^-D_s^{*+})$	12405	12276	1	19099
12407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \rho^+D^+\bar{D}^{*-}\Delta^0p\bar{p}\bar{p})$	1796	1790	1	19100
12408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+D^-D^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+D^+D^-D^0)$	12407	12278	1	19101
12409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-K^0\bar{K}^*D^-D^{*+})$	12408	12279	1	19102
12410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^{*0}D_1'^+)$	12409	12280	1	19103

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, B^0 \to \pi^0\rho^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\eta\omega D^-D^-)$	374	374	1	19104
12412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta_c, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+\eta_c)$	12411	12282	1	19105
12413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\eta\eta\eta K^0\eta', \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\eta\eta\eta K^0\eta'\bar{p}\Sigma_c^{*++})$	12412	12283	1	19106
12414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D^0D_s^-)$	12413	12284	1	19107
12415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-n\bar{n}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-D^-D^{*+}n\bar{n}\gamma)$	12414	12285	1	19108
12416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\eta\omega D^+\bar{D}^{*-})$	12415	12286	1	19109
12417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\omega K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega K^0K^-D^+\bar{D}^{*-})$	12416	12287	1	19110
12418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^+K^-D^-D_2^{*-}D_s^{*+})$	12417	12288	1	19111
12419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	12418	12289	1	19112
12420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \rho^0D_2^{*-}D_s^+\bar{p}\Sigma_c^+)$	12419	12290	1	19113
12421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\eta\bar{K}^0K^*D^-D^{*+}\bar{D}^{*-}D^0)$	12420	12291	1	19114
12422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^{*+}D_s^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^{*+}D^{*+}D_s^{*-})$	1798	1792	1	19115
12423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\omega\eta'D^{*+}\bar{D}^{*-})$	12422	12293	1	19116
12424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}D^{*0})$	12423	12294	1	19117
12425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta'D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta'D^-D^{*+})$	12424	12295	1	19118
12426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\eta\bar{K}^*D^-\bar{D}^{*-}D^0)$	24	24	1	19119
12427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^-K^*K^{*-}D^{*+}\bar{D}^{*0}D_s^+)$	12426	12297	1	19120

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to K^0\bar{n}\Xi_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0D^-\bar{n}\Xi_c^0)$	12427	12298	1	19121
12429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^+\pi^-K^0J/\psi$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-K^0J/\psi D_1'^-)$	12428	12299	1	19122
12430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D^-\bar{\Sigma}^+\Sigma^{*+}, \bar{B}^0 \to \bar{K}^*K^-\Delta^{++}\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^*K^-D^-\Delta^{++}\bar{\Sigma}^+\Sigma^{*+}\bar{\Sigma}^{*-})$	12429	12300	1	19123
12431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega K^+D^+D^0\bar{D}^0)$	12430	12301	1	19124
12432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0D^+D^-)$	12431	12302	1	19125
12433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\bar{K}^*D^+D^-\Delta^+\bar{\Sigma}_c^-)$	12432	12303	1	19126
12434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^0)$	12433	12304	1	19127
12435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^+D^-)$	12434	12305	1	19128
12436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^-D^{*+})$	12435	12306	1	19129
12437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{K}^0K^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^+K^{*-}D^+D^-\bar{D}^{*0})$	12436	12307	1	19130
12438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^0\Delta^-\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0D^{*+}\Delta^-n\bar{p}\bar{\Sigma}_c^0)$	12437	12308	1	19131
12439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^-D^{*+})$	12438	12309	1	19132
12440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^0$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{D}^{*-}D^0)$	12439	12310	1	19133
12441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+D^{*+}\bar{D}^0)$	12440	12311	1	19134
12442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^0\rho^+\Sigma^0\bar{\Xi}_c^-$ $(e^+e^- \to \rho^0\pi^-\rho^+\bar{D}^0D_s^{*+}\Sigma^0\bar{\Xi}_c^-)$	12441	12312	1	19135
12443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-\eta K^+D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\bar{K}^0K^+D^+D^-\bar{D}^{*-})$	12442	12313	1	19136
12444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^-D_1'^+)$	12443	12314	1	19137

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\eta D^+D^{*+})$	12444	12315	1	19138
12446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e X_u^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^-$ $(e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^-)$	12445	12316	1	19139
12447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*-})$	12446	12317	1	19140
12448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+D^-)$	12447	12318	1	19141
12449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+D_{s0}^{*-})$	12448	12319	1	19142
12450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^+D^-)$	12449	12320	1	19143
12451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \eta' D^+D_s^{*-}$ $(e^+e^- \to \eta' D^+D_s^+D_s^{*-}D_1^-)$	12450	12321	1	19144
12452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta' D^{*+}D_1^-)$	12451	12322	1	19145
12453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^+K^-D^+\bar{D}^{*-})$	12452	12323	1	19146
12454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D^{*0})$	1800	1794	1	19147
12455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\eta K^*D^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta K^*D^{*+}D^{*+}D_{s1}'^-)$	1801	1795	1	19148
12456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^-D^{*+})$	12455	12326	1	19149
12457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\eta\omega\bar{K}^0D^+\bar{D}^{*-}D_s^+)$	1802	1796	1	19150
12458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \pi^0\pi^+K^-\eta_c(2S)$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-K^{*+}J/\psi\eta_c(2S))$	91	91	1	19151
12459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^-D^0\bar{D}^0D_s^+D_s^-)$	12458	12329	1	19152
12460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^+D^{*+}D_s^-D_1'^-)$	12459	12330	1	19153
12461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^+D^+D^-)$	12460	12331	1	19154

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega D^{*+}p\bar{\Xi}_c^0)$	12461	12332	1	19155
12463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0 D^+ J/\psi)$	1804	1798	1	19156
12464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^+ D_s^{*-}, \bar{B}^0 \to \rho^0\rho^0\bar{K}^* D^0$ $(e^+e^- \to \rho^0\rho^0 K^*\bar{K}^* D^0 D_s^+ D_s^{*-})$	12463	12334	1	19157
12465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \rho^0\rho^0\pi^+ D^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+ D^- D^-)$	12464	12335	1	19158
12466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+ D^-)$	12465	12336	1	19159
12467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^- n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{\Delta}^- n D_0^{*+})$	12466	12337	1	19160
12468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* K^+ K^{*-}\eta', \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to K^*\bar{K}^* K^+ K^{*-}\eta' D^+\bar{D}^{*-})$	12467	12338	1	19161
12469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^- K^+ D^{*+}\bar{D}^{*-} D^{*0})$	12468	12339	1	19162
12470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \phi D^{*+} D_s^-, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \phi D^{*+} D^{*+} D_s^-\Delta^0\bar{\Delta}^+)$	12469	12340	1	19163
12471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0\eta K^* K^{*-} D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\eta K^* K^{*-} D^+ D^-)$	12470	12341	1	19164
12472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+ D_2^{*-})$	12471	12342	1	19165
12473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c'^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- D^{*+} p\bar{\Xi}_c'^0)$	12472	12343	1	19166
12474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to \rho^- K^+ K^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^+ K^- D^- D^{*+})$	12473	12344	1	19167
12475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta D^- D^0)$	12474	12345	1	19168
12476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{\Delta}^- n$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^-\bar{D}^{*-} D_s^{*+}\bar{\Delta}^- n)$	12475	12346	1	19169
12477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^+\rho^- K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^- K^{*-} D^+ D^-)$	12476	12347	1	19170
12478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+ K^0 K^{*-} D^+\bar{D}^{*-})$	12477	12348	1	19171

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 \bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta K^0 D^{*+}\bar{D}^0 D^{*0})$	12478	12349	1	19172
12480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+K^*K^-D^+\bar{D}^{*-})$	12479	12350	1	19173
12481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	1805	1799	1	19174
12482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to e^+\nu_e D_2^{*-}$ $(e^+e^- \to e^+e^+\nu_e\nu_e D^- D_2^{*-})$	12481	12352	1	19175
12483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D_s^+D_s^-$ $(e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D_s^+D_s^-)$	1806	1800	1	19176
12484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^0\bar{K}^0D^+D_2^{*-})$	12483	12354	1	19177
12485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^+K^0K^*\bar{K}^*K^-D^0$ $(e^+e^- \to \pi^0\pi^+K^0K^*\bar{K}^*K^-D^+D^0\Delta^-\bar{\Delta}^0)$	12484	12355	1	19178
12486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta' D^+D^-)$	12485	12356	1	19179
12487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*0}\bar{D}^{*0}\Delta^+\bar{\Sigma}^-)$	12486	12357	1	19180
12488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\eta\omega\bar{D}^{*-}D^0)$	12487	12358	1	19181
12489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+D^{*+}D_{s1}'^-)$	12488	12359	1	19182
12490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta K^+K^-D^-D^{*+})$	12489	12360	1	19183
12491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^-D^{*+}\bar{D}^{*0})$	12490	12361	1	19184
12492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^-D^{*+}\bar{\Delta}^-\Delta^0D_{s1}'^-)$	12491	12362	1	19185
12493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^*\bar{\Delta}^0\Omega_c^{*0}$ $(e^+e^- \to e^+\nu_e K^*\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0})$	12492	12363	1	19186
12494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0D^+\bar{D}^0)$	12493	12364	1	19187
12495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^-D^+D_2^{*+}\bar{D}^0)$	12494	12365	1	19188

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^+ D^0 \bar{D}^{*0})$	12495	12366	1	19189
12497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^0 D^+ \bar{D}^{*-} D_2^{*-})$	1807	1801	1	19190
12498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^- K^* K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^+\pi^- K^* K^{*-} D^- D^{*+})$	12497	12368	1	19191
12499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^{*0} D_s^+, \bar{B}^0 \to \rho^+ \bar{\Delta}^+ \Sigma_c^{*0}$ $(e^+e^- \to \pi^-\rho^+ \bar{D}^{*0} D_s^+ \bar{\Delta}^+ \Sigma_c^{*0})$	12498	12369	1	19192
12500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^+ K^{*-} \eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+ K^{*-} D^- \eta_c)$	12499	12370	1	19193
12501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta K^0 K^- D^{*+} \bar{D}^{*0} D_s^+ D_s^{*-})$	12500	12371	1	19194
12502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^- D^+ \bar{D}^{*-})$	12501	12372	1	19195
12503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^+\omega\omega \bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^- \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega\omega \bar{D}^{*-} \bar{D}^{*0})$	12502	12373	1	19196
12504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- \bar{D}^0, \bar{B}^0 \to \pi^- \bar{\Delta}^0 \Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- \bar{D}^0 \bar{\Delta}^0 \Sigma_c^+)$	12503	12374	1	19197
12505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^- D^{*+})$	12504	6351	1	19198
12506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} a_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+} D_2^{*+} a_1^-)$	12505	12375	1	19199
12507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^- K^+ D^+ \bar{D}^{*-} D^{*0})$	12506	12376	1	19200
12508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^- \bar{n}p, \bar{B}^0 \to \pi^-\omega\bar{K}^0 K^* \bar{n}\Sigma^+$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^0 K^* D^- \bar{n}\bar{n}p\Sigma^+)$	1808	1802	1	19201
12509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^* K^+ D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^* \bar{K}^* K^+ D^- D^{*+} D^{*0})$	12508	12378	1	19202
12510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} \bar{\Delta}^+ \Delta^{++}, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^- D^- \bar{D}^{*-} \bar{\Delta}^+ \Delta^{++})$	12509	12379	1	19203
12511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta' D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\eta' D^{*+} D_2^{*-})$	12510	12380	1	19204
12512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^{*+}, \bar{B}^0 \to \pi^-\rho^+ K^0 K^{*-} D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^- K^0 K^{*-} D^{*+} D^{*+})$	12511	12381	1	19205

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^+\eta K^0K^{*-}D^{*+}\bar{D}^{*-})$	12512	12382	1	19206
12514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	12513	12383	1	19207
12515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^-K^{*+}D^-, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^*\bar{K}^*K^-K^{*+}D^+D^-)$	12514	12384	1	19208
12516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^*D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^0\bar{K}^*D_2^{*-}D^{*0})$	12515	12385	1	19209
12517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\rho^-\eta K^-D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta K^-D^+D^-)$	12516	12386	1	19210
12518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Xi}_c'^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^-D^{*+}\bar{D}^{*0}n\bar{\Xi}_c'^0)$	12517	12387	1	19211
12519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \tau^+\nu_\tau K_SD^-J/\psi)$	12518	12388	1	19212
12520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-})$	12519	12389	1	19213
12521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Lambda}\Sigma^+, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to D^+D^-\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	12520	12390	1	19214
12522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega K^*D^{*+}\Delta^+\bar{\Sigma}_c^-)$	12521	12391	1	19215
12523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_eD^{*0}\Delta^+\bar{\Delta}^+D_1^-)$	12522	12392	1	19216
12524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	12523	12393	1	19217
12525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^+D^-)$	12524	12394	1	19218
12526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-K^-D_s^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-K^-D^-D_s^+)$	12525	12395	1	19219
12527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+})$	1809	1803	1	19220
12528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0\bar{K}^0D^+D^-)$	12527	12397	1	19221
12529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0\bar{K}^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^0\bar{K}^0K^-D^{*+}\bar{D}^{*-})$	12528	12398	1	19222

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\bar{K}^0\eta_c$ $(e^+e^- \to \rho^0 K^0\bar{K}^0\eta_c n\bar{\Sigma}_c^0)$	12529	12399	1	19223
12531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega D^- D_1'^+)$	12530	12400	1	19224
12532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta K^- D^- D^{*0}\bar{D}^{*0})$	12531	12401	1	19225
12533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^+)$	12532	12402	1	19226
12534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+D^-D^{*+}p\bar{p})$	12533	12403	1	19227
12535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^-\bar{\Sigma}^0\Sigma^+)$	12534	12404	1	19228
12536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega K^*K^-D^{*+}\bar{D}^{*-})$	12535	12405	1	19229
12537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}\eta_c, B^0 \to \omega\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\omega\bar{K}^0K^{*+}K^{*+}\bar{D}^{*-}\eta_c)$	12536	12406	1	19230
12538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-D^-D_s^+)$	12537	12407	1	19231
12539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta D^-D^{*+})$	1810	1804	1	19232
12540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+\gamma$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1'^+\gamma)$	12539	12408	1	19233
12541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \rho^0\omega\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	12540	12409	1	19234
12542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^-D^-D^{*+}\bar{D}^0)$	12541	12410	1	19235
12543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^-D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*D^+D^-\Sigma^0\bar{\Sigma}^0)$	1811	1805	1	19236
12544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \rho^+D^-D_s^-D_1'^+)$	12543	12412	1	19237
12545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^-D_1^+)$	12544	12413	1	19238
12546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \phi D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\omega\phi D^+\bar{D}^0D_s^-)$	12545	12414	1	19239

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}D_s^-)$	1812	1806	1	19240
12548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta K^-D^+D^-\bar{D}^{*0})$	12547	12416	1	19241
12549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta' D^+$ $(e^+e^- \to \rho^-\bar{K}^0K^+\eta' D^+\bar{D}^{*-})$	12548	12417	1	19242
12550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^-D^+\bar{D}^{*-}\bar{D}^0)$	12549	12418	1	19243
12551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D^{*+}D_2^{*-}D_s^+)$	12550	12419	1	19244
12552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^+D^+D^-D^0)$	12551	12420	1	19245
12553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\eta D^-D^{*+}\Delta^-\bar{n})$	12552	12421	1	19246
12554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+K^-\psi(3770)$ $(e^+e^- \to \pi^0\pi^+K^*K^-\bar{D}^{*-}\bar{n}p\psi(3770))$	12553	12422	1	19247
12555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^-\eta_c$ $(e^+e^- \to e^+\nu_e\pi^+\eta\eta K^-\bar{D}^{*-}\eta_c)$	12554	12423	1	19248
12556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-})$	1813	1807	1	19249
12557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0D^{*0})$	12556	12424	1	19250
12558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	12557	12425	1	19251
12559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \eta D^-D^{*+}D_s^+D_s^{*-})$	12558	12426	1	19252
12560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1'^-, B^0 \to \rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\bar{D}^{*-}D_s^{*+}D_1'^-)$	12559	12427	1	19253
12561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta K^+K^-D^+\bar{D}^0)$	12560	12428	1	19254
12562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+D_1'^-)$	12561	12429	1	19255
12563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^*D^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	12562	12430	1	19256

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\bar{D}^{*-}D_2^{*+})$	12563	12431	1	19257
12565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^-\bar{K}^0\bar{D}^0D_s^+\bar{\Delta}^+\Sigma_c^+)$	12564	12432	1	19258
12566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_1^-a_1^+)$	12565	12433	1	19259
12567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0K^+D_s^-, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \omega\omega K^0K^+D_s^-\bar{\Delta}^0\Sigma_c^{*0})$	12566	12434	1	19260
12568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega D^+D^{*+})$	12567	12435	1	19261
12569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\eta K^0K^*\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-})$	12568	12436	1	19262
12570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}n\bar{p})$	12569	12437	1	19263
12571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-K^*D^{*+}D^{*+}\bar{D}^0)$	12570	12438	1	19264
12572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	12571	12439	1	19265
12573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\eta D^+\bar{D}^{*-})$	12572	12440	1	19266
12574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\omega D^{*+}n\bar{\Sigma}_c^0)$	12573	12441	1	19267
12575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\eta D^+D_0^{*-})$	12574	12442	1	19268
12576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta D^{*+}n\bar{n})$	12575	12443	1	19269
12577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{D}^{*-}D^0)$	1814	1808	1	19270
12578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+D^-, B^0 \to \pi^-K^{*+}\eta_c$ $(e^+e^- \to \pi^0\pi^-\rho^+K^{*+}D^-\eta_c)$	12577	12445	1	19271
12579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^+D^+\bar{D}^{*-}D^{*0})$	12578	12446	1	19272
12580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+D^-D_s^{*+}D_s^{*-})$	12579	12447	1	19273

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^*D^+D^-D^{*0})$	12580	12448	1	19274
12582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_{s1}'^+D_{s1}'^-)$	12581	12449	1	19275
12583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}\bar{D}^{*-}n\bar{n})$	12582	12450	1	19276
12584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	12583	12451	1	19277
12585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^+D^-)$	12584	12452	1	19278
12586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\eta\eta\omega\eta'D^+\bar{D}^{*-})$	12585	12453	1	19279
12587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^0D^+D^0\bar{D}^{*0}D_s^{*-})$	12586	12454	1	19280
12588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+K^*\eta'D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+K^*\eta'D^-\bar{D}^{*-})$	12587	12455	1	19281
12589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^+D^-\Sigma^+\bar{\Sigma}^-)$	12588	12456	1	19282
12590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-D^0)$	12589	12457	1	19283
12591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega D^0D_1'^+)$	12590	12458	1	19284
12592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^*D^+D^-D_s^+)$	12591	12459	1	19285
12593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta D^-D^{*+})$	12592	12460	1	19286
12594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^-\eta\eta D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^-D^{*+}p\bar{p}\Sigma^+\bar{\Sigma}^-)$	12593	12461	1	19287
12595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\rho^-\eta\bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+K^-K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^0K^+K^-K^{*+}D^-\bar{D}^{*-})$	12594	12462	1	19288
12596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^0D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^0D^+D^{*+})$	12595	12463	1	19289
12597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^-\eta D^{*+}D^{*+})$	1815	1809	1	19290

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^{*+}D_1^-)$	12597	12464	1	19291
12599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^0D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D_s^+)$	12598	12465	1	19292
12600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^+\eta D^+D^-D_{s1}'^-)$	12599	12466	1	19293
12601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D^{*+}a_1^-)$	12600	12467	1	19294
12602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^-D_s^+\bar{\Delta}^-\Sigma^{*-}$ $(e^+e^- \to \pi^0K^-D_s^+\bar{\Delta}^-\Delta^0\Sigma^{*-}\bar{\Sigma}_c^{*0})$	12601	12468	1	19295
12603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-})$	12602	12469	1	19296
12604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\eta_c, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0\eta_c\bar{n}\Sigma_c^{*+})$	12603	12470	1	19297
12605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega\bar{K}^0\bar{n}p$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega\bar{K}^0D^-\bar{n}p)$	12604	12471	1	19298
12606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Xi}_c^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^+D^-D^{*+}\Sigma^{*0}\bar{\Xi}_c^-)$	12605	12472	1	19299
12607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0K^*\bar{K}^*D^+D^-\bar{D}^{*-})$	12606	12473	1	19300
12608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \eta\bar{K}^*\eta_c$ $(e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^*D^+\eta_c)$	12607	12474	1	19301
12609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^+\bar{D}^0)$	12608	12475	1	19302
12610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^-\bar{D}^0D^{*0}D_s^+)$	12609	4470	1	19303
12611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^0K^-D^-D^{*+})$	12610	12476	1	19304
12612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega D^+D^-)$	12611	7774	1	19305
12613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\chi_{c1}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\eta K_SD^-\chi_{c1})$	12612	12477	1	19306
12614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^-D^0)$	12613	12478	1	19307

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+ K^+ D^+ D^-)$	12614	12479	1	19308
12616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta D^- D^{*+} D_s^{*-})$	12615	12480	1	19309
12617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^- D^+ \bar{D}^0$ $(e^+e^- \to \pi^+\omega K^- D^+ \bar{D}^{*-} \bar{D}^0)$	12616	12481	1	19310
12618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^{*+} D^- D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ \pi^0 K^{*+} D^- D^{*0})$	12617	12482	1	19311
12619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_1^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^-\omega D^{*+} D_1^+)$	12618	12483	1	19312
12620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{K}^0 K^{*+} D^- \bar{D}^{*-})$	1816	1810	1	19313
12621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^{*+}\gamma$ $(e^+e^- \to e^+\nu_e\rho^0\rho^- D^{*+}\bar{D}^{*-}\gamma)$	12620	12485	1	19314
12622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^{*+} D^{*+}\bar{D}^0)$	12621	12486	1	19315
12623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{\Delta}^+\Lambda$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}\bar{\Delta}^+\Lambda)$	12622	12487	1	19316
12624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 D_s^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0 K^* D_s^+ J/\psi)$	12623	12488	1	19317
12625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D_s^+ D_s^-, B^0 \to \rho^+\eta\omega D^-$ $(e^+e^- \to \rho^+\eta\omega K^0 D^- D_s^+ D_s^-)$	12624	12489	1	19318
12626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega K^0 K^{*-} D^- D^{*+}\bar{n}p)$	12625	12490	1	19319
12627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+ D^{*0}\bar{n}\Sigma_c^0)$	12626	12491	1	19320
12628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+ D^- D_s^+\gamma)$	12627	12492	1	19321
12629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega D^+ D^- D_s^-)$	12628	12493	1	19322
12630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+ D_2^{*-} D_s^{*+})$	12629	12494	1	19323
12631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{K}^0 K^* K^*\bar{K}^*\bar{K}^*, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta\bar{K}^0 K^* K^*\bar{K}^*\bar{K}^* D^+)$	12630	12495	1	19324

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}D^0\bar{\Delta}^-\Delta^-)$	12631	12496	1	19325
12633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^- D_0^{*+})$	12632	12497	1	19326
12634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega\omega D^{*+}\bar{D}^0)$	12633	12498	1	19327
12635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}D^-, \bar{B}^0 \to K^*\psi'$ $(e^+e^- \to \rho^+K^*K^+K^{*-}D^-\psi')$	12634	12499	1	19328
12636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^+\eta K^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\eta K^0K^-D^{*0}\bar{D}^{*0})$	12635	12500	1	19329
12637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\Delta^+\bar{\Sigma}_c^{*0}D_1'^-)$	12636	12501	1	19330
12638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^-D^+\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^+D^-\bar{\Delta}^-\Delta^0)$	12637	12502	1	19331
12639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+p\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^*J/\psi p\bar{\Lambda}_c^-)$	12638	12503	1	19332
12640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1'^+, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^{*-}D^+D_s^{*-}D_1'^+)$	12639	12504	1	19333
12641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega D^+D^-)$	12640	12505	1	19334
12642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0D^-D^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega K^0D^+D^-D^0)$	12641	12506	1	19335
12643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-D^0D_s^{*-})$	12642	12507	1	19336
12644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+\gamma, \bar{B}^0 \to \rho^0\pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+K^0K^{*-}D^+D^-a_1^+\gamma)$	12643	12508	1	19337
12645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-K^-K^{*+}\eta'D^{*+}\bar{D}^{*-})$	12644	12509	1	19338
12646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to \eta\bar{K}^*J/\psi$ $(e^+e^- \to \rho^-\eta\eta\bar{K}^*D^{*+}J/\psi)$	12645	12510	1	19339
12647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0D^+D^-D^{*+})$	12646	12511	1	19340
12648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^+D^-D_s^{*-})$	1817	1811	1	19341

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	12648	12513	1	19342
12650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	12649	12514	1	19343
12651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^-D^{*+})$	1818	1812	1	19344
12652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	12651	12516	1	19345
12653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+D^0D_1'^-)$	12652	12517	1	19346
12654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*0})$	12653	12518	1	19347
12655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^{*+}\bar{p}\Xi_c^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\bar{p}\Xi_c^0)$	1819	1813	1	19348
12656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \rho^0\pi^+\pi^+\pi^+D^-\Delta^-\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+K^*D^+D^-D^-\Delta^-\bar{p})$	12655	12520	1	19349
12657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+K^0D^+\bar{D}^{*-})$	12656	12521	1	19350
12658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega D^0\bar{D}^{*0})$	12657	12522	1	19351
12659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^+D^-, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \rho^+\omega K^-D^+D^-\eta_c)$	12658	12523	1	19352
12660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega\bar{D}^0, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega\omega K^+K^-D^{*+}\bar{D}^0)$	12659	12524	1	19353
12661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^{*+}D^{*+}D_s^{*-})$	12660	12525	1	19354
12662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^+)$	12661	12526	1	19355
12663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+D_0^{*-})$	12662	12527	1	19356
12664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi', \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{K}^0K^*$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0\bar{K}^0K^*\psi')$	12663	12528	1	19357
12665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-})$	12664	12529	1	19358

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta K^+K^-D^-, \bar{B}^0 \to \pi^0\rho^-D^0\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta K^+K^-D^-D^0\bar{n}p)$	12665	12530	1	19359
12667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-})$	12666	12531	1	19360
12668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+D^+D^-D_s^{*-})$	12667	12532	1	19361
12669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^-\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\omega D^-D^0)$	12668	12533	1	19362
12670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+D^{*0})$	12669	12534	1	19363
12671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^{*-}\phi D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^{*-}\phi D^+D^0p\bar{p})$	12670	12535	1	19364
12672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^0)$	12671	12536	1	19365
12673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^0)$	12672	12537	1	19366
12674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	12673	12538	1	19367
12675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-})$	12674	4837	1	19368
12676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0K^+D^+D^-D^0D_s^{*-})$	12675	12539	1	19369
12677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+D^-D^{*+}a_1^+)$	12676	12540	1	19370
12678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-D^+\bar{D}^{*0})$	12677	12541	1	19371
12679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^*K^-D^-D^{*+})$	12678	12542	1	19372
12680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^{*-}D^0\bar{D}^{*0})$	12679	12543	1	19373
12681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^+\bar{D}^{*-})$	12680	12544	1	19374
12682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^0D_{s1}'^-)$	1820	1814	1	19375

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to K^+\bar{\Delta}^+\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^0 K^+ D^- D_s^+ \bar{\Delta}^+\Xi_c'^0)$	12682	12546	1	19376
12684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta'\bar{D}^0, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta' D^{*+}\bar{D}^0)$	12683	12547	1	19377
12685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+}\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^{*0})$	12684	12548	1	19378
12686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^- D^- D^0 D_s^{*-})$	12685	12549	1	19379
12687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^- D^{*+})$	12686	2517	1	19380
12688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*0})$	12687	12550	1	19381
12689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta' D^-, \bar{B}^0 \to \eta D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\eta\eta' D^+ D^-\Delta^-\bar{\Delta}^0)$	12688	12551	1	19382
12690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta' n\bar{\Sigma}_c^0$ $(e^+e^- \to e^+\nu_e\eta'\bar{D}^{*-} n\bar{\Sigma}_c^0)$	12689	12552	1	19383
12691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \bar{D}^0\bar{p}\Delta^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^0\bar{p}\Delta^+)$	12690	12553	1	19384
12692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \pi^-\eta D^{*+}\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^-\eta D^{*+} D_2^{*-} D_s^+\Sigma^0\bar{\Sigma}^0)$	12691	12554	1	19385
12693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\phi\bar{D}^{*-} D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\phi D^{*+}\bar{D}^{*-} D_s^+)$	12692	12555	1	19386
12694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\rho^- D^+)$	12693	12556	1	19387
12695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- D^+ D^{*+} D_s^{*-} D_{s1}'^-)$	12694	12557	1	19388
12696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to \pi^-\rho^+\omega\bar{K}^0 K^- K^{*+} D^-\bar{\Lambda}\Sigma_c^+)$	12695	12558	1	19389
12697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\rho^-\omega K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0 K^- D^+\bar{D}^{*-}\bar{D}^0)$	12696	12559	1	19390
12698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* J/\psi, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^*\bar{D}^{*-} J/\psi)$	12697	12560	1	19391
12699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^0 D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0 D^+\bar{D}^0 D^{*0}\Sigma^-\bar{\Sigma}^0)$	12698	12561	1	19392

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\psi', \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+K^-K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+K^+K^-K^{*+}D^0\psi')$	12699	12562	1	19393
12701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0D^0\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^-\eta\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega K^0D^-D^0\bar{D}^{*0})$	12700	12563	1	19394
12702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-D^+D^-)$	12701	12564	1	19395
12703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+})$	12702	2710	1	19396
12704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-p\bar{p}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-}p\bar{p})$	12703	12565	1	19397
12705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_s^{*+}D_1^-)$	1821	1815	1	19398
12706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^-\pi^-D^+\bar{\Delta}^-n$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\pi^-D^+D^+\bar{\Delta}^-n)$	12705	12567	1	19399
12707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-D^+D^-D_{s1}'^-)$	12706	12568	1	19400
12708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^{*+}\bar{D}^0)$	12707	12569	1	19401
12709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^+D^+D^-\bar{D}^{*-}D^{*0})$	12708	12570	1	19402
12710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^*D^{*+}D_s^+)$	12709	12571	1	19403
12711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}n\bar{n})$	12710	12572	1	19404
12712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta\omega K^+D^+D^0\bar{D}^{*0})$	12711	12573	1	19405
12713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^+K^-D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	12712	12574	1	19406
12714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{p}\Xi_c'^0)$	12713	12575	1	19407
12715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^-D^{*+}D^{*0})$	12714	1297	1	19408
12716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+D^-)$	12715	12576	1	19409

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta\eta K^- D^- D^{*+}\bar{D}^{*0})$	377	377	1	19410
12718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\eta\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\eta\bar{K}^0\bar{D}^{*0}\chi_{c1})$	12717	12578	1	19411
12719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\bar{D}^{*-}\Sigma^-\bar{\Lambda}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}\bar{n}\Sigma^-\bar{\Lambda}\Sigma_c^0)$	12718	12579	1	19412
12720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, B^0 \to \pi^+\omega\omega D^-$ $(e^+e^- \to \pi^+\rho^+\omega\omega D^-\Delta^+\bar{\Sigma}_c^{*--})$	12719	12580	1	19413
12721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-}D_{s1}'^+)$	12720	12581	1	19414
12722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^-\omega D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\omega D^+D^-p\bar{p}\bar{p}\Delta^{++})$	12721	12582	1	19415
12723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\eta'D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta\bar{K}^0K^+\eta'D^-D^{*+})$	12722	12583	1	19416
12724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^{*+}D^{*+})$	12723	12584	1	19417
12725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^{*+}D^{*0})$	12724	12585	1	19418
12726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^+\bar{D}^{*0}a_1^-)$	12725	12586	1	19419
12727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \bar{K}^0K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0K^+K^-D^-D^{*0}\bar{p}\Delta^{++})$	12726	12587	1	19420
12728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+D^{*+}\bar{D}^0)$	12727	12588	1	19421
12729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\eta K^0K^{*-}D^{*+}\bar{D}^{*-})$	12728	12589	1	19422
12730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^0$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}D^0)$	12729	12590	1	19423
12731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}_0^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-D^-\bar{K}_0^{*0})$	12730	12591	1	19424
12732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^+D^-a_1^+)$	12731	12592	1	19425
12733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^+\bar{D}^{*-})$	12732	12593	1	19426

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}D^{*+})$	12733	12594	1	19427
12735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+K^-K^{*+}D^-D_s^{*-}D_1^+)$	12734	12595	1	19428
12736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^-D^{*+}D_{s1}'^-)$	12735	12596	1	19429
12737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+D^-D_s^{*+})$	12736	12597	1	19430
12738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-)$	12737	12598	1	19431
12739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^*\eta', \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-K^*\eta'D^+)$	12738	12599	1	19432
12740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \omega\bar{n}\Xi_c'^0$ $(e^+e^- \to \omega K^{*+}\bar{D}^{*-}D^{*0}\bar{n}\Xi_c'^0)$	12739	12600	1	19433
12741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	12740	12601	1	19434
12742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^{*+}D^{*+}D^0)$	12741	12602	1	19435
12743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^-D_1^+)$	12742	12603	1	19436
12744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-})$	12743	12604	1	19437
12745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}\bar{D}^{*-}\gamma)$	12744	12605	1	19438
12746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-D_1'^+)$	12745	12606	1	19439
12747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega D^-D^0D_s^{*-})$	12746	12607	1	19440
12748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-}n\bar{n})$	12747	12608	1	19441
12749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \omega K^0\bar{K}^0D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\omega K^0\bar{K}^0D^{*+}D^{*0})$	12748	12609	1	19442
12750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^+D^+D_s^{*-})$	12749	12610	1	19443

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}n\bar{n})$	12750	12611	1	19444
12752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\eta\omega D^+D^-)$	12751	12612	1	19445
12753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to K_2^{*0}D^-J/\psi D_{s1}'^+)$	12752	12613	1	19446
12754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to K^0D^-D^{*+}$ $(e^+e^- \to \rho^+K^0D^-D^-D^{*+})$	12753	12614	1	19447
12755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\eta\bar{n}\Sigma_c^0D_0^{*-})$	12754	12615	1	19448
12756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \bar{K}^*\bar{\Sigma}^{*0}\Xi_c^0$ $(e^+e^- \to \rho^-\bar{K}^*D^+\bar{\Sigma}^{*0}\Xi_c^0)$	12755	12616	1	19449
12757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta K^+D^{*+}\bar{D}^0D^{*0})$	12756	12617	1	19450
12758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^*D^{*+}J/\psi)$	1823	1817	1	19451
12759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0K^{*+}D_s^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\omega K^0K^{*+}K^{*-}D^{*+}\bar{D}^0D_s^{*-})$	12758	12618	1	19452
12760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	12759	12619	1	19453
12761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^-\omega\bar{K}^0K^*K^*D^+D^{*+}\bar{D}^{*-})$	12760	12620	1	19454
12762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^+D_{s1}'^-)$	1824	1818	1	19455
12763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\eta K^0K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta K^0K^-D^+D^{*+}n\bar{p})$	12762	12622	1	19456
12764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\bar{K}^*D^+D^-)$	12763	12623	1	19457
12765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}D_s^-)$	12764	12624	1	19458
12766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD_0^{*-}D_1'^+)$	12765	12625	1	19459
12767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+K^-K^-K^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\omega D^{*0}$ $(e^+e^- \to \rho^0\omega K^0K^+K^-K^-K^{*+}\bar{D}^0D^{*0})$	1825	1819	1	19460

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^-\eta\eta\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\eta\eta\eta\omega D^+\bar{D}^{*-}a_1^+)$	12767	12627	1	19461
12769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau a_1^-$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}a_1^-)$	12768	12628	1	19462
12770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^+D^-)$	12769	8161	1	19463
12771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+D^-)$	12770	12629	1	19464
12772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^{*-}\bar{\Delta}^+\Sigma_c^{++}\gamma$ $(e^+e^- \to e^+\nu_e K^{*-}D^-\bar{\Delta}^+\Sigma_c^{++}\gamma)$	12771	12630	1	19465
12773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^-D^{*+})$	12772	12631	1	19466
12774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to K_S D^-\eta_c a_1^+)$	12773	12632	1	19467
12775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \eta K^{*-}D^+\bar{D}^0 n\bar{\Sigma}_c^0)$	12774	12633	1	19468
12776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^-K^+K^{*-}\phi D^+$ $(e^+e^- \to \pi^-K^+K^{*-}\phi D^+D^+D_s^{*-})$	12775	12634	1	19469
12777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}D^0\bar{D}^{*0})$	1826	1820	1	19470
12778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-K^*D^{*+}\bar{D}^0)$	12777	12636	1	19471
12779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega\omega D^+D^-)$	12778	12637	1	19472
12780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{\Delta}^0, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to D_2^{*+}\bar{D}^{*0}D_s^-n\bar{\Delta}^0)$	12779	12638	1	19473
12781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \omega\bar{n}\Xi_c^0$ $(e^+e^- \to \omega D^+\bar{n}\Xi_c^0a_1^-)$	12780	12639	1	19474
12782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{D}^0\bar{\Delta}^0p, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^{*+}\bar{D}^0n\bar{\Delta}^0p\bar{p})$	12781	12640	1	19475
12783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^{*-}D^+D^+\bar{D}^{*0})$	12782	12641	1	19476
12784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^-\bar{\Sigma}^0\Sigma^+)$	12783	12642	1	19477

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}\bar{\Delta}^-n)$	12784	12643	1	19478
12786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^0D^{*+}\bar{p}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu K^0D^{*+}\bar{D}^{*-}\bar{p}\Lambda)$	1827	1821	1	19479
12787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+D_{s0}^{*-}D_1'^-)$	12786	12645	1	19480
12788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^+D^-\bar{D}^{*-})$	1828	1822	1	19481
12789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}n\bar{\Delta}^+)$	12788	12647	1	19482
12790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-\gamma, B^0 \to \pi^0\pi^0\rho^0\bar{K}^*K^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{K}^*K^+D^-D^-\gamma)$	12789	12648	1	19483
12791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta\omega\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	12790	12649	1	19484
12792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+K^0\bar{K}^*K^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^*K^-\bar{D}^{*-})$	12791	12650	1	19485
12793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^-\eta\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\bar{K}^0K^*D^-D^{*+}D_s^{*+})$	12792	12651	1	19486
12794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\phi D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^+\phi D^-D^{*+}\bar{D}^{*-})$	12793	12652	1	19487
12795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D^-D^{*+})$	12794	12653	1	19488
12796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^{*+}D^-D^{*+}D^0)$	12795	12654	1	19489
12797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\eta K^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^0K^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta K^0\bar{K}^0\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-})$	12796	12655	1	19490
12798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-\bar{D}^{*-})$	12797	12656	1	19491
12799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^{*-}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	12798	12657	1	19492
12800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{K}^0D^+D^-\Delta^{++}\bar{\Delta}^{++})$	1829	1823	1	19493
12801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+})$	12800	12659	1	19494

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	12801	12660	1	19495
12803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\omega K^*K^-D^+\bar{D}^{*-})$	12802	12661	1	19496
12804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\omega\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\omega\bar{K}^0\bar{D}^{*-}J/\psi D_{s0}^{*+})$	12803	12662	1	19497
12805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+D^-)$	12804	12663	1	19498
12806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	12805	12664	1	19499
12807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^{*0}\bar{D}^{*0})$	1830	1824	1	19500
12808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^+)$	1831	1825	1	19501
12809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega D^+\bar{D}^{*-})$	12808	12667	1	19502
12810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+J/\psi)$	12809	12668	1	19503
12811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0K^*K^-K^{*+}D^-D^{*+})$	12810	12669	1	19504
12812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^0D^0D_1^+)$	12811	12670	1	19505
12813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\eta\bar{D}^{*-}D^0D_s^-)$	12812	12671	1	19506
12814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\omega\bar{K}^0K^+D^-D^{*+}D_{s1}'^-)$	12813	12672	1	19507
12815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}p\bar{p})$	12814	12673	1	19508
12816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^+\bar{D}^{*-}J/\psi)$	12815	12674	1	19509
12817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*K^-D_s^{*+}\Sigma^0\bar{\Sigma}^0)$	12816	12675	1	19510
12818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^-D^+\bar{D}^{*0}D_s^-D_s^{*+})$	12817	12676	1	19511

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*D^+D^-\bar{D}^{*-})$	12818	12677	1	19512
12820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to K^*\bar{p}\Xi'^+_c$ $(e^+e^- \to K^*D^{*+}\bar{p}\Xi'^+_cD'^-_{s1})$	12819	12678	1	19513
12821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0K^-D^+\bar{D}^{*-})$	12820	12679	1	19514
12822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \omega\bar{\Delta}^+\Lambda^+_c$ $(e^+e^- \to \omega K^+D^-D^{*0}\bar{\Delta}^+\Lambda^+_c)$	1832	1826	1	19515
12823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^0)$	12822	12681	1	19516
12824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^0K^{*-}D^+D^+\bar{D}^{*-})$	12823	12682	1	19517
12825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^-\eta K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\eta K^*\bar{K}^*D^-D^{*+})$	12824	12683	1	19518
12826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}, \bar{B}^0 \to K^0K^-D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to K^0\bar{K}^0K^-D^+D^0\bar{D}^{*0}\Sigma^0\bar{\Sigma}^0)$	1833	1827	1	19519
12827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0})$	12826	12685	1	19520
12828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma^+_c$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^+\bar{D}^{*-}\bar{n}\Sigma^+_c)$	12827	12686	1	19521
12829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\omega D^{*+}D^{*+})$	12828	12687	1	19522
12830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega K^0, \bar{B}^0 \to D^+a^-_1$ $(e^+e^- \to \pi^+\rho^-\omega K^0D^+a^-_1)$	12829	12688	1	19523
12831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*D^-D^+_s, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0K^*D^+D^-D^+_s)$	12830	12689	1	19524
12832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^+_1$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\bar{D}^{*-}\bar{n}pD^+_1)$	12831	12690	1	19525
12833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-\gamma, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^-D^{*+}\gamma)$	12832	9380	1	19526
12834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\bar{K}^*K^+D^-, \bar{B}^0 \to D^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^*K^+D^-D^{*+}\bar{\Delta}^0\Sigma^-)$	12833	12691	1	19527
12835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+}\bar{D}^0)$	12834	12692	1	19528

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^- D_1'^+)$	12835	12693	1	19529
12837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\Sigma^{*0}\bar{\Omega}_c^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \phi D^+\Sigma^{*0}\bar{\Omega}_c^{*0}a_1^-)$	12836	12694	1	19530
12838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-})$	1834	1828	1	19531
12839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+D^-D_1^+)$	12838	12696	1	19532
12840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^0\bar{D}^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0K^*D^+D^0\bar{D}^0a_1^-)$	12839	12697	1	19533
12841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\rho^-K^*, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-K^*K^{*-}D^{*+}\bar{D}^0)$	12840	12698	1	19534
12842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+D^-n\bar{p}, \bar{B}^0 \to \pi^0\rho^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^+K^-D^+D^-D^-n\bar{p})$	12841	12699	1	19535
12843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^+\bar{D}^{*-}D_2^{*-})$	12842	12700	1	19536
12844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-D^{*+}D^{*+})$	1835	1829	1	19537
12845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega\omega D^-D^{*+}\gamma)$	12844	12701	1	19538
12846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-K^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-})$	12845	12702	1	19539
12847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0\bar{D}^{*-}D^0D_s^-)$	12846	12703	1	19540
12848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	12847	12704	1	19541
12849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta'D^-\bar{n}pD_1^+)$	12848	12705	1	19542
12850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-\eta D^+, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta K^{*-}D^+D^0\bar{D}^0)$	12849	12706	1	19543
12851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^+D_0^{*+})$	12850	12707	1	19544
12852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0K^+D^-D^{*+})$	12851	12708	1	19545

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^+\bar{D}^{*0})$	12852	12709	1	19546
12854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+D^-D^{*0}D^{*0})$	12853	12710	1	19547
12855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-p\bar{\Delta}^+, \bar{B}^0 \to \eta D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\eta\eta D^-D^{*+}np\bar{p}\bar{\Delta}^+)$	12854	12711	1	19548
12856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0)$	12855	12712	1	19549
12857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^+K^0K^-D^-D^{*+}D^{*+}\bar{D}^{*-})$	12856	12713	1	19550
12858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0p\bar{p}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^{*-}D^{*+}\bar{D}^0\bar{D}^0p\bar{p})$	12857	12714	1	19551
12859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}a_1^+)$	12858	12715	1	19552
12860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^+\bar{D}^{*-}D^{*0}D_0^{*-})$	12859	12716	1	19553
12861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^+D_1'^-)$	12860	12717	1	19554
12862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	1836	1830	1	19555
12863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	12862	12719	1	19556
12864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	12863	12720	1	19557
12865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^-K^0K^+K^-D^{*+}D^0\bar{D}^{*0})$	12864	12721	1	19558
12866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*D^+D^+D_{s1}'^-)$	12865	12722	1	19559
12867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\bar{K}^*K^+D^-D^{*+})$	12866	12723	1	19560
12868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^{*-}D^-D^{*0}\bar{D}^{*0}D_s^{*+})$	12867	12724	1	19561
12869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^-D^0a_1^+)$	12868	12725	1	19562

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\phi\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+\phi D^{*+}\bar{D}^{*-})$	12869	12726	1	19563
12871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^*K^-D^+D^-)$	1837	1831	1	19564
12872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^*D^-D^0D_1'^+)$	12871	12728	1	19565
12873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*0}\bar{p}\Lambda_c^+)$	12872	12729	1	19566
12874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Sigma}^0\Lambda_c^+$ $(e^+e^- \to \tau^+\nu_\tau K^-\bar{D}^{*-}\bar{\Sigma}^0\Lambda_c^+)$	12873	12730	1	19567
12875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\omega D^{*+}D_0^{*+})$	12874	12731	1	19568
12876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta' D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta' D^-D^{*+})$	12875	12732	1	19569
12877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{K}^0K^+D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0K^+D^-D^-)$	378	378	1	19570
12878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^-\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0\bar{K}^0\bar{K}^0D^-D_s^+)$	1839	1833	1	19571
12879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}\gamma)$	12878	12734	1	19572
12880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^-D^-D^{*+}D_s^+n\bar{n})$	12879	12735	1	19573
12881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^0D_s^-)$	12880	12736	1	19574
12882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta D^-D^{*+})$	12881	12737	1	19575
12883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^-\omega\eta' D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\eta' D^-\bar{D}^{*0})$	12882	12738	1	19576
12884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \eta D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\eta D^-D^{*+}D_s^{*+}\Sigma^0\bar{\Sigma}^-)$	12883	12739	1	19577
12885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega K^-D^+D^-\bar{D}^{*0})$	12884	12740	1	19578
12886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^{*-}D_1'^+\gamma)$	12885	12741	1	19579

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+K^-D^{*+}\bar{D}^{*-})$	12886	12742	1	19580
12888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\eta\omega D^-D^{*+})$	12887	12743	1	19581
12889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0D^+D^-, B^0 \to \pi^+\pi^-\pi^-K^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+D^+D^-\bar{D}^0)$	12888	12744	1	19582
12890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^0\rho^-\eta'D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta'D^+D_1'^-)$	12889	12745	1	19583
12891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	12890	12746	1	19584
12892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega K^0\bar{K}^0D^{*+}D^{*+})$	12891	12747	1	19585
12893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+}D_s^-)$	12892	12748	1	19586
12894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^-D^{*+})$	12893	12749	1	19587
12895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-p\bar{\Delta}^+, \bar{B}^0 \to \pi^0\rho^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\eta'D^+D^-p\bar{\Delta}^+)$	12894	12750	1	19588
12896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\eta\eta\bar{K}^0\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\eta\eta\bar{K}^0\eta_cD_1^-)$	12895	12751	1	19589
12897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\eta D^+D^-)$	12896	12752	1	19590
12898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^-)$	1840	1834	1	19591
12899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0\eta K^0K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0K^-D^+D_1'^+)$	12898	12754	1	19592
12900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+K^-D^{*+}n\bar{p}\chi_{c1})$	12899	12755	1	19593
12901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{K}^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^0D^0D^{*0}\bar{D}^{*0})$	12900	12756	1	19594
12902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^+)$	12901	12757	1	19595
12903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\omega K^0D^-D^{*+}\bar{D}^{*-})$	379	379	1	19596

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}, \bar{B}^0 \to \rho^- K^0 \bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^- K^0\bar{K}^0 D^{*+}D^{*+})$	12903	12759	1	19597
12905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^+D^-D^0)$	12904	12760	1	19598
12906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-})$	12905	12761	1	19599
12907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0 D^{*+}\eta_c)$	12906	12762	1	19600
12908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\eta\bar{K}^0 D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{K}^0\bar{D}^{*-}D^{*0})$	12907	12763	1	19601
12909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ K^+\bar{D}^{*-}D^{*0})$	1842	1836	1	19602
12910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	12909	8236	1	19603
12911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^- K^0\bar{K}^0\bar{K}^* K^+ D^+ D^-)$	12910	12765	1	19604
12912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\omega D^-, B^0 \to \pi^-\rho^+\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\omega D^- D^-)$	12911	12766	1	19605
12913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0\bar{K}^0 K^{*+}\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	12912	12767	1	19606
12914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0 D^{*+}\bar{D}^{*-}D_{s0}^{*+}\gamma)$	1843	1837	1	19607
12915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}D^0)$	1844	1838	1	19608
12916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^* D^{*+}\bar{D}^{*-}a_1^-)$	12915	12769	1	19609
12917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0\bar{K}^0 D^+\bar{D}^0, \bar{B}^0 \to \rho^0 D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^- K^0\bar{K}^0 D^+ D^{*+}\bar{D}^0 D_s^-)$	12916	12770	1	19610
12918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0 D^+\bar{D}^{*-}D_s^{*+}n\bar{p})$	12917	12771	1	19611
12919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \pi^+ K^-\psi(3770)$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+ K^- D^-\psi(3770))$	12918	12772	1	19612
12920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\pi^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^- D^+\bar{D}^0 p\bar{\Lambda}_c^-)$	12919	12773	1	19613

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1^+)$	12920	12774	1	19614
12922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	12921	12775	1	19615
12923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to D^-\bar{\Delta}^-\Delta^0$ $(e^+e^- \to D^-\bar{D}^{*-}D_s^+\bar{\Delta}^-\Delta^0)$	12922	12776	1	19616
12924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	12923	12777	1	19617
12925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta' D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^-\eta' D^+D^-D_s^{*+})$	12924	12778	1	19618
12926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^0D^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0D^-D_s^+\Delta^+\bar{\Sigma}_c^-)$	380	380	1	19619
12927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0\bar{K}^0D^+D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0K^0\bar{K}^0\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-})$	1846	1840	1	19620
12928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}D_{s1}'^-)$	12927	12781	1	19621
12929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}n\bar{n}\Sigma^+\bar{\Sigma}^-)$	12928	12782	1	19622
12930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta D^+\bar{D}^0D_s^+)$	12929	12783	1	19623
12931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega D^+D^-n\bar{p})$	12930	12784	1	19624
12932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+\Delta^+\bar{\Lambda}_c^-)$	12931	12785	1	19625
12933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^-K^{*+}D^-, B^0 \to \pi^-K^+D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^+K^-K^{*+}D^+D^-\bar{D}^{*-})$	12932	12786	1	19626
12934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+D^{*0}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+K^0\bar{D}^0D^{*0}D^{*0}\Delta^0\bar{\Delta}^+)$	1847	1841	1	19627
12935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\omega D^+\bar{D}^{*0}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^+\bar{D}^{*0}D_{s1}'^-)$	12934	12788	1	19628
12936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\psi', \bar{B}^0 \to \pi^0\rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^+D^{*+}n\bar{n}\psi')$	12935	12789	1	19629
12937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0\bar{D}^0D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^-K^0K^{*-}D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0})$	12936	12790	1	19630

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^+ \bar{D}^{*0}, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- K^* D^+ D^{*+} \bar{D}^{*0})$	12937	12791	1	19631
12939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ \eta_c, \bar{B}^0 \to \pi^+ \bar{p} \Sigma_c^0$ $(e^+e^- \to \pi^+\pi^- K^+ \eta_c \bar{p} \Sigma_c^0)$	12938	12792	1	19632
12940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^+ K^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- \omega D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- \omega K^+ K^- D^+ D^- n\bar{n})$	12939	12793	1	19633
12941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ \omega D^-, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^0\pi^+ \omega D^- D^{*+})$	381	381	1	19634
12942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- \rho^+ D^-, \bar{B}^0 \to \pi^+ K^- D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^- \rho^+ K^- D^+ D^- \bar{D}^{*-})$	12941	11265	1	19635
12943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \omega D^- \bar{n}p, \bar{B}^0 \to \pi^- K^0 \bar{K}^0 K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^- \omega K^0 \bar{K}^0 K^+ K^- D^+ D^- \bar{n}p)$	12942	12795	1	19636
12944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_1^+, \bar{B}^0 \to \rho^0\pi^- \omega D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0\pi^- \omega D^+ D_1^+)$	12943	12796	1	19637
12945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ \omega D^-, \bar{B}^0 \to \pi^-\pi^- \rho^+ D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- \rho^+ \omega D^+ D^- n\bar{n})$	1849	1843	1	19638
12946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+ \nu_e D_1^-, B^0 \to \pi^0\pi^+\pi^- \bar{D}^{*-} \bar{\Delta}^- \Delta^0$ $(e^+e^- \to e^+ \nu_e \pi^0\pi^+\pi^- \bar{D}^{*-} \bar{\Delta}^- \Delta^0 D_1^-)$	12945	12798	1	19639
12947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \omega K^0 K^{*-} D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \omega K^0 K^{*-} D^+ D^{*+})$	12946	12799	1	19640
12948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- \rho^+\rho^+ \eta \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- \rho^+\rho^+ \eta D^{*+} \bar{D}^{*-})$	12947	12800	1	19641
12949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+ \nu_e D^-, \bar{B}^0 \to \rho^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to e^+ \nu_e \rho^0 D^+ D^- \bar{D}^{*-})$	12948	12801	1	19642
12950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- \eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- \eta K^0 D^{*+} D^{*+} \bar{D}^{*-})$	12949	12802	1	19643
12951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 \eta_c, \bar{B}^0 \to \rho^+ \bar{\Delta}^+ \Xi_c^{*0} \gamma$ $(e^+e^- \to \rho^+ K^0 \eta_c \bar{\Delta}^+ \Xi_c^{*0} \gamma)$	12950	12803	1	19644
12952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0 D^+ D^- D_s^{*+} D_s^{*-})$	382	382	1	19645
12953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 \bar{\Xi}^+ \Xi^0, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0 \rho^- K^0 D^+ D_s^- \bar{\Xi}^+ \Xi^0)$	12952	12805	1	19646
12954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+ \nu_e D_1'^-, \bar{B}^0 \to \rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to e^+ \nu_e \rho^+\rho^-\rho^- D^{*+} D_1'^-)$	12953	12806	1	19647

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^- K^0\eta' D^{*+}D^{*+}\bar{D}^{*-})$	12954	12807	1	19648
12956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta D^+ D^{*+})$	12955	12808	1	19649
12957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\omega D^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega D^- D^{*+}D^0)$	12956	12809	1	19650
12958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^-\eta\bar{n}p$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta D^+\bar{n}p)$	12957	12810	1	19651
12959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^{*+}\bar{D}^{*-}\gamma)$	12958	12811	1	19652
12960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^- D^+ D_s^-$ $(e^+e^- \to \pi^+\rho^- K^0 D^+ D^0\bar{D}^{*0}D_s^-)$	12959	12812	1	19653
12961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\eta D^-\bar{D}^{*-})$	12960	12813	1	19654
12962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+ D^+\bar{D}^{*-}n\bar{p})$	12961	12814	1	19655
12963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^- D^{*+})$	12962	12815	1	19656
12964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^- K^* D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^- K^* D^+\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	12963	12816	1	19657
12965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+ K^* K^- D^-, \bar{B}^0 \to \rho^-\eta D^{*+}\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^* K^- D^- D^{*+}\gamma)$	12964	12817	1	19658
12966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\eta\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^-\eta\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	12965	12818	1	19659
12967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+ D^- D^-)$	1851	1845	1	19660
12968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^+\pi^- D^-, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta D^- D^-)$	12967	12820	1	19661
12969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0 p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0 D^+\bar{D}^0 p\bar{p})$	12968	12821	1	19662
12970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\rho^-\bar{K}^* K^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^0)$	12969	12822	1	19663
12971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{K}^0 K^* D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0\bar{K}^0 K^* K^+ D^- D^{*+})$	12970	12823	1	19664

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^*K^-D^+D^{*+}a_1^-)$	12971	12824	1	19665
12973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \rho^+D^+D_2^{*-}D_s^{*-}\gamma)$	12972	12825	1	19666
12974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+K^0K^{*-}D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^+K^0K^{*-}D^-D_2^{*+}D_s^{*-})$	12973	12826	1	19667
12975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}D^{*0})$	12974	12827	1	19668
12976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	12975	12828	1	19669
12977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+\bar{D}^{*-}D_{s1}'^-)$	1852	1846	1	19670
12978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\eta D^+\bar{\Sigma}^{*0}\Sigma^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^-\eta\eta D^+D^+\bar{\Sigma}^{*0}\Sigma^+)$	12977	12830	1	19671
12979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	12978	12831	1	19672
12980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0K^0K^0\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^0\bar{K}^0\bar{D}^{*-})$	12979	12832	1	19673
12981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^0\omega K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\omega K^{*-}D^{*+}D_s^{*+}\Sigma^-\bar{\Lambda})$	12980	12833	1	19674
12982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to K^*J/\psi$ $(e^+e^- \to \pi^0K^*D^-D_s^+J/\psi)$	12981	12834	1	19675
12983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*a_0^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^*D^{*+}a_0^+)$	12982	12835	1	19676
12984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\eta\omega D^-D^{*+})$	12983	12836	1	19677
12985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi\eta_c, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^-K^0\phi\eta_cD_1'^+)$	12984	12837	1	19678
12986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}n\bar{p})$	12985	12838	1	19679
12987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^0\bar{\Delta}^-n)$	12986	12839	1	19680
12988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_s^+)$	12987	12840	1	19681

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
12989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^0D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^0D^{*0})$	12988	12841	1	19682
12990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \phi D^+D_s^{*-}$ $(e^+e^- \to K^{*+}\phi D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	12989	12842	1	19683
12991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*K^{*+}K^{*-}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*K^{*+}K^{*-}D^{*+}\bar{D}^0)$	12990	12843	1	19684
12992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^*K^-D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	12991	12844	1	19685
12993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+D_s^{*+}D_1'^-)$	12992	12845	1	19686
12994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \eta D^+n\bar{p}$ $(e^+e^- \to \eta D^+\bar{D}^{*-}\bar{\Delta}^-n\Delta^0\bar{p})$	12993	12846	1	19687
12995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\bar{D}^{*-}D^0a_1^+)$	12994	12847	1	19688
12996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+K_0^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}K_0^{*-}\gamma)$	12995	12848	1	19689
12997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+K^*D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+K^*D^+D_s^{*-})$	12996	12849	1	19690
12998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+D^0D_s^-)$	12997	12850	1	19691
12999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to \rho^-K^+K^+K^-K^-D^{*+}$ $(e^+e^- \to \rho^-K^+K^+K^-K^-D^+D^{*+}\Sigma^-\bar{\Sigma}^0)$	12998	12851	1	19692
13000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}D^0n\bar{\Delta}^0)$	12999	12852	1	19693
13001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\rho^-D_2^{*-}\bar{p}\Sigma_c^{++})$	13000	12853	1	19694
13002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^+p\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*0}p\bar{\Sigma}_c^{*0})$	13001	12854	1	19695
13003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi n\bar{\Lambda}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^{*0}\bar{D}^{*0}J/\psi n\bar{\Lambda})$	13002	12855	1	19696
13004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0\bar{D}^{*-}\Delta^-\bar{\Sigma}^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^+\bar{D}^{*-}D_s^{*-}\Delta^-\bar{\Sigma}^+)$	13003	12856	1	19697
13005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega\bar{K}^0K^*D^+\bar{D}^0)$	13004	12857	1	19698

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D_1'^+)$	13005	12858	1	19699
13007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega K^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega\omega K^0 D^{*+}\bar{D}^{*0}D_s^{*-})$	13006	12859	1	19700
13008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta D^-, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\eta D^-\bar{D}^{*-})$	13007	12860	1	19701
13009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega K^0D^+\bar{D}^{*-}D^{*0})$	13008	12861	1	19702
13010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^+\omega D^-D^{*0})$	13009	12862	1	19703
13011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\eta K^0K^-D^+\bar{D}^{*-})$	13010	12863	1	19704
13012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0K^*\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	13011	12864	1	19705
13013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*+}D_s^{*-}\gamma)$	13012	12865	1	19706
13014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^0)$	13013	12866	1	19707
13015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}D_s^+D_1^-)$	13014	12867	1	19708
13016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\bar{K}^0K^+D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^+D^+D^-)$	13015	12868	1	19709
13017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^+\bar{\Sigma}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}^0D_{s0}^{*-})$	13016	12869	1	19710
13018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta\omega D^+\bar{D}^{*-})$	13017	12870	1	19711
13019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+D^-\bar{\Delta}^+\Sigma^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^+D^-D^{*+}\bar{\Delta}^+\Sigma^{*0})$	13018	12871	1	19712
13020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^-K^+K^-D^+D^-D_s^+)$	13019	12872	1	19713
13021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^-D^{*+})$	13020	12873	1	19714
13022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^+K^{*-}D^{*+}\bar{D}^0)$	13021	12874	1	19715

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^- K^{*+} J/\psi, B^0 \to \pi^0 \bar{K}^0 K^{*+} \eta' D^-$ $(e^+e^- \to \pi^0 \rho^- \bar{K}^0 K^{*+} K^{*+} \eta' D^- J/\psi)$	13022	12875	1	19716
13024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^{*+}, \bar{B}^0 \to D^{*+} \Delta^0 \bar{p}$ $(e^+e^- \to \tau^- \bar{\nu}_\tau D^{*+} D^{*+} \Delta^0 \bar{p})$	13023	12876	1	19717
13025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \eta\eta\bar{n}p, \bar{B}^0 \to \mu^- \bar{\nu}_\mu \eta D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- \eta\eta\eta D^+ \bar{n}p)$	1853	1847	1	19718
13026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^- \omega D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+\pi^-\pi^- \omega D^+ D_2^{*+})$	13025	12878	1	19719
13027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \pi^- \bar{D}^0, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to e^+\nu_e \rho^0 \pi^- \rho^- D^+ \bar{D}^0)$	13026	12879	1	19720
13028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \omega D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ \omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega D^- D^{*+})$	13027	12880	1	19721
13029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^- D^+ D^+)$	13028	12881	1	19722
13030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \eta \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- \eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+ \eta\eta\eta D^{*+} \bar{D}^{*-})$	13029	12882	1	19723
13031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- \gamma, \bar{B}^0 \to \pi^0\rho^0 D^0 p\bar{p}$ $(e^+e^- \to \pi^0\rho^0 K^{*+} D^- D^0 p\bar{p}\gamma)$	13030	12883	1	19724
13032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0 \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+ \bar{K}^0 D^- D^- D^{*+})$	13031	12884	1	19725
13033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- \omega \bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^- \omega D^+ \bar{D}^{*0} D_s^-)$	13032	12885	1	19726
13034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^- K^+ D^+, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^-\pi^- K^+ D^+ D^{*+})$	13033	12886	1	19727
13035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \eta' D^-, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \rho^+ \eta' D^- D^{*+})$	13034	12887	1	19728
13036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \bar{D}^{*-} D_1^+ a_1^+)$	13035	12888	1	19729
13037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to \pi^+\pi^- K^0 \eta_c$ $(e^+e^- \to \pi^+\pi^- K^0 K^0 D^- D^{*+} \eta_c)$	13036	12889	1	19730
13038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- D^+ D^{*+})$	13037	12890	1	19731
13039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^- K^0, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^- K^0 D^+ D_s^-)$	13038	12891	1	19732

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^- D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}D^{*0})$	13039	12892	1	19733
13041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{\Lambda}, \bar{B}^0 \to \bar{K}^0 D_s^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0 D^- D_s^+ D_s^{*-} n\bar{\Lambda})$	13040	12893	1	19734
13042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to e^+\nu_e\eta D^-$ $(e^+e^- \to e^+\nu_e\rho^+\eta D^-\bar{D}^{*-})$	13041	12894	1	19735
13043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-\omega K^*, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega K^* D^-)$	13042	12895	1	19736
13044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	1854	1848	1	19737
13045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^- D^- D_0^{*-})$	13044	12897	1	19738
13046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Xi}_c'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^+ p\bar{\Xi}_c'^-)$	13045	12898	1	19739
13047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-})$	13046	12899	1	19740
13048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\omega D^-, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+\eta' D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0K^+\eta' D^- D^-)$	13047	12900	1	19741
13049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^0K^-D^+\bar{D}^{*-})$	13048	12901	1	19742
13050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	383	383	1	19743
13051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta' D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^-\eta' D^+D^-)$	13050	12903	1	19744
13052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-K^0\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-})$	13051	12904	1	19745
13053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+n\bar{\Xi}_c'^- D_1'^+)$	13052	12905	1	19746
13054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\rho^-\bar{K}^0K^*D^+D_1'^-)$	13053	12906	1	19747
13055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*-})$	13054	12907	1	19748
13056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-}\gamma)$	13055	12908	1	19749

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-K^0D^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^0\bar{K}^0D^+\psi')$	13056	12909	1	19750
13058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K_2^{*0}D^0D_s^-J/\psi)$	13057	12910	1	19751
13059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta'D^+D^+n\bar{p})$	13058	12911	1	19752
13060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \omega\omega\bar{K}^*K^-D_s^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\omega\bar{K}^*K^-D^+D_s^+)$	13059	12912	1	19753
13061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\eta'D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta'D^0D_1^-)$	13060	12913	1	19754
13062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-\bar{\Delta}^-\Sigma^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^+K^{*-}D^+D^-\bar{D}^0\bar{\Delta}^-\Sigma^{*-})$	13061	12914	1	19755
13063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	13062	12915	1	19756
13064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+$ $(e^+e^- \to \rho^+D_2^{*-}\bar{D}^{*0}\bar{p}\Delta^+)$	13063	12916	1	19757
13065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0K^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+K^0K^0D_s^-D_1'^-)$	13064	12917	1	19758
13066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^{*+}D^0n\bar{\Delta}^0)$	13065	12918	1	19759
13067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	13066	12919	1	19760
13068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0K^+D^+D^-)$	13067	12920	1	19761
13069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	13068	12921	1	19762
13070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D_1^+)$	13069	12922	1	19763
13071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta'D^+, \bar{B}^0 \to \pi^0\rho^+\rho^-K^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^-\eta'D^+D^+)$	13070	12923	1	19764
13072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0K^0K^{*-}D^{*+}\bar{D}^{*-}D_{s1}'^+)$	13071	12924	1	19765
13073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}D_2^{*-}\Delta^{++}\bar{\Delta}^{++})$	13072	12925	1	19766

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ \bar{D}^0 \bar{n}\Lambda, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ D^{*+} \bar{D}^0 \bar{n}\Lambda)$	384	384	1	19767
13075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to \pi^- \bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- \bar{K}^0 K^* D^- D^{*+})$	13074	12927	1	19768
13076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ \chi_{c1}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- K^+ D^{*+} \chi_{c1})$	13075	12928	1	19769
13077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 K^0 \bar{K}^0 \eta_c, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^+$ $(e^+e^- \to \rho^0 K^0 K^0 K^0 \bar{K}^0 K^{*-} D^+ \eta_c)$	13076	12929	1	19770
13078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^- D^+ \bar{p}\Delta^{++}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^-\rho^- D^+ D^{*+} \bar{p}\Delta^{++})$	13077	12930	1	19771
13079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^- \gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau \pi^0\pi^+\pi^-\pi^- D^{*+} D_1'^- \gamma)$	13078	12931	1	19772
13080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- \bar{K}^0 D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^- \bar{K}^0 D^{*+} \bar{D}^{*-})$	13079	12932	1	19773
13081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_{s1}'^+, B^0 \to K^{*+} \bar{D}^{*-} D^0$ $(e^+e^- \to K^{*+} D^- \bar{D}^{*-} D^0 D_{s1}'^+)$	13080	12933	1	19774
13082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+ \bar{D}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^0\rho^0\pi^-\rho^+ D^{*+} \bar{D}^0)$	13081	12934	1	19775
13083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^- D^{*0} D_s^+)$	13082	12935	1	19776
13084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^- \bar{D}^0 D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+ K^0 \bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^- K^0 \bar{K}^0 D^- D^0 \bar{D}^0 D_s^{*+})$	13083	12936	1	19777
13085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^- D^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^- K^0 D^+ D^- D^0)$	13084	12937	1	19778
13086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+ K^+ K^{*-} \bar{D}^{*-}, B^0 \to \rho^0\rho^- K^+ K^+ K^- \bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\rho^- K^+ K^+ K^+ K^- K^{*-} \bar{D}^{*-} \bar{D}^0)$	13085	12938	1	19779
13087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ \bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \bar{K}^0 D_s^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+ \bar{K}^0 \bar{D}^{*-} D_s^+ D_s^{*-} n\bar{n})$	1857	1851	1	19780
13088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^- D^{*+} \Lambda\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu \pi^+\pi^- D^{*+} \Lambda\bar{\Sigma}^- D_1'^-)$	13087	12940	1	19781
13089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+ K^{*-} D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\eta K^+ K^{*-} D^+ D^- D_s^{*-})$	13088	12941	1	19782
13090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+ K^- J/\psi$ $(e^+e^- \to e^+\nu_e \pi^0\pi^+ K^- D^- J/\psi)$	13089	12942	1	19783

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	13090	12943	1	19784
13092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	13091	12944	1	19785
13093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^+D^+\bar{D}^{*-}D^{*0})$	13092	12945	1	19786
13094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\gamma)$	13093	12946	1	19787
13095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu X_u^-D^{*0}n\bar{\Delta}^0)$	13094	12947	1	19788
13096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c1}, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0D^{*+}\bar{\Delta}^-\Delta^-\chi_{c1})$	13095	12948	1	19789
13097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-\rho^+D^-D^0)$	13096	12949	1	19790
13098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+\rho^-\rho^-\bar{K}^*$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\rho^-\bar{K}^*\bar{D}^{*-})$	385	385	1	19791
13099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}a_1^-)$	13098	12951	1	19792
13100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1^-, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}D_s^+D_1^-)$	1859	1853	1	19793
13101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\rho^-\omega D^{*+}\bar{\Delta}^+\Sigma_c^{++})$	13100	12953	1	19794
13102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	13101	12954	1	19795
13103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_0^{*+})$	13102	12955	1	19796
13104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\omega D^+\bar{D}^{*-})$	13103	12956	1	19797
13105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^-\eta D^+D_2^{*-}D_s^{*+})$	13104	12957	1	19798
13106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	1860	1854	1	19799
13107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	13106	12959	1	19800

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^0 D^- D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^- D_2^{*-} D_s^{*+})$	1861	1855	1	19801
13109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ J/\psi, \bar{B}^0 \to \pi^0\rho^+\rho^-\eta\bar{K}^*$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\bar{K}^* K^+ J/\psi)$	13108	12961	1	19802
13110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ D^- D_{s0}^{*+})$	13109	12962	1	19803
13111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega K^- K^{*+} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega K^- K^{*+} D^+ \bar{D}^{*-})$	13110	12963	1	19804
13112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0 D^{*+} D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0 D^- D^{*+} D_s^{*-})$	13111	12964	1	19805
13113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*-} a_1^+)$	13112	12965	1	19806
13114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^* D^+\bar{n}\Sigma^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+ K^* D^+ \bar{D}^{*-}\bar{n}\Sigma^0)$	13113	12966	1	19807
13115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+ K^0 D_s^-, \bar{B}^0 \to D^+ p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+ K^0 D^+ D_s^- p\bar{\Delta}^{++})$	13114	12967	1	19808
13116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+ D^+ D^- D_s^{*-})$	13115	12968	1	19809
13117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^-\rho^+ a_0^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+ D_1^- a_0^0)$	13116	12969	1	19810
13118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta' D^0\bar{D}^0)$	13117	12970	1	19811
13119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^- D^+ D^+)$	13118	12971	1	19812
13120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\bar{D}^{*0}\Delta^-\bar{p}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^- D_2^{*+}\bar{D}^{*0}\Delta^-\bar{p})$	13119	12972	1	19813
13121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\omega D^+\bar{\Delta}^0\Sigma_c^0)$	13120	12973	1	19814
13122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\pi^- K^0\bar{K}^0\phi D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^- K^0\bar{K}^0\phi D^+ D_1'^-)$	13121	12974	1	19815
13123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^-, \bar{B}^0 \to \rho^+\omega K^-\eta_c$ $(e^+e^- \to \rho^+\omega K^- K^{*+} D^-\eta_c)$	13122	12975	1	19816
13124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega D^+\bar{D}^{*-})$	1862	1856	1	19817

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0)$	13124	12976	1	19818
13126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^-K^0K^0K^{*-}D^+D^{*+}\bar{D}^{*0})$	13125	12977	1	19819
13127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \omega K^*K^-D^+\bar{D}^{*-}D_s^+)$	13126	12978	1	19820
13128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^{*+}\bar{D}^{*0}n\bar{n})$	13127	12979	1	19821
13129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+D^-D^0, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \eta K^0K^+K^-D^-D^{*+}D^0)$	1863	1857	1	19822
13130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+D^-, B^0 \to \bar{K}^*n\bar{\Omega}_c^0$ $(e^+e^- \to \bar{K}^*\bar{K}^*K^+D^-n\bar{\Omega}_c^0)$	13129	12981	1	19823
13131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\rho^+\rho^-\rho^-\bar{K}^*, \bar{B}^0 \to \pi^+\pi^-\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\bar{K}^*K^+K^-D^+)$	13130	12982	1	19824
13132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-\bar{K}^*K^+K^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-\bar{K}^*K^+K^+D^+\bar{D}^0)$	13131	12983	1	19825
13133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	13132	12984	1	19826
13134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	13133	12985	1	19827
13135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^-D^{*+}D_s^{*-})$	13134	12986	1	19828
13136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\eta_c)$	13135	12987	1	19829
13137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0D^{*0}\Delta^0\bar{\Sigma}_c^0)$	13136	12988	1	19830
13138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-})$	13137	12989	1	19831
13139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^{*0}\bar{D}^{*0}D_s^{*+})$	1864	1858	1	19832
13140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*+}D_1'^-)$	13139	12991	1	19833
13141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D_0^{*+})$	13140	12992	1	19834

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^*\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*D^{*+}\bar{p}\Delta^{++})$	13141	12993	1	19835
13143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\eta K^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^- D^- D^{*+} n\bar{n})$	13142	12994	1	19836
13144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+ D^-)$	13143	12995	1	19837
13145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0 K^+ D^- D^{*+})$	13144	12996	1	19838
13146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-})$	13145	12997	1	19839
13147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^*\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\rho^-\omega K^* D^+\eta_c)$	13146	12998	1	19840
13148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega K^0 D^+ D^- D^{*+})$	13147	12999	1	19841
13149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+ D^-\Delta^0\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\pi^+ D^-\Delta^0\bar{\Delta}^+)$	13148	13000	1	19842
13150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+ D^- D^0)$	13149	13001	1	19843
13151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	13150	13002	1	19844
13152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^+ D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+ D^- D^{*+})$	13151	13003	1	19845
13153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\rho^0 K^0 K^0 K^{*-} D^+ D^{*+}\bar{D}^{*-})$	13152	13004	1	19846
13154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^+ K^{*-}\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\omega\omega K^{*-} D^-\bar{D}^0 D^{*0})$	13153	13005	1	19847
13155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\omega D^-\Delta^0\bar{\Sigma}_c^-)$	13154	13006	1	19848
13156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D_1^-$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-} D_1^-)$	13155	6959	1	19849
13157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, B^0 \to \rho^0\omega p\bar{\Lambda}_c^-$ $(e^+e^- \to \rho^0\omega K^+\bar{D}^{*-} D^{*0} p\bar{\Lambda}_c^-)$	13156	13007	1	19850
13158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+} D_0^{*-})$	13157	13008	1	19851

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^+D^-)$	13158	13009	1	19852
13160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^- D^{*+}D_2^{*-})$	13159	13010	1	19853
13161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	13160	13011	1	19854
13162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}\bar{n}p)$	13161	13012	1	19855
13163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	13162	13013	1	19856
13164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega D^- D^{*+}a_1^-)$	13163	13014	1	19857
13165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ D^-\bar{\Delta}^-\Delta^0)$	13164	13015	1	19858
13166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\eta K^{*+}D^-, B^0 \to \pi^+\pi^+\rho^- D^- p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta K^{*+}D^-D^-p\bar{p})$	13165	13016	1	19859
13167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-})$	13166	13017	1	19860
13168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^- D^{*+}\bar{D}^{*0})$	13167	13018	1	19861
13169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^+D^{*+}D_{s1}'^-)$	13168	13019	1	19862
13170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\pi^- D^+\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \pi^0\pi^-\pi^- D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+a_1^+)$	13169	13020	1	19863
13171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^0)$	13170	13021	1	19864
13172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-, B^0 \to \bar{D}^{*-}D_{s1}'^+$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D_{s1}'^+)$	13171	13022	1	19865
13173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0)$	13172	13023	1	19866
13174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}D_s^+)$	1865	1859	1	19867
13175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+\eta\eta K^+K^{*-}\bar{D}^{*-})$	13174	13025	1	19868

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\rho^-K^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-K^0D^{*+}a_1^-)$	13175	13026	1	19869
13177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^+\eta D^{*0}D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\eta D^-D^{*0}D_s^-)$	13176	13027	1	19870
13178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega K^+K^-D^+\bar{D}^{*-})$	13177	13028	1	19871
13179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+D^-D^{*+}n\bar{p})$	13178	13029	1	19872
13180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	13179	13030	1	19873
13181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega K^0D^-D^{*+}D^{*+})$	13180	13031	1	19874
13182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \eta'\bar{n}\Sigma_c^0$ $(e^+e^- \to \omega\bar{K}^*K^+\eta'\bar{D}^{*-}\bar{n}\Sigma_c^0)$	13181	13032	1	19875
13183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\gamma, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}K_1^0\gamma)$	13182	13033	1	19876
13184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}^+, B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to \pi^+\pi^-D^-D^-D_s^+D_{s1}^+)$	13183	13034	1	19877
13185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^-\omega K^{*-}D^+\bar{D}^0\bar{D}^{*0})$	13184	13035	1	19878
13186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-K^-K^{*+}D^+\bar{D}^{*-}D_s^{*+})$	13185	13036	1	19879
13187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-D^+\bar{D}^{*-}\bar{n}p)$	13186	13037	1	19880
13188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\psi', \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0D^+\psi')$	92	92	1	19881
13189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-)$	13188	13039	1	19882
13190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-D^+D_1'^+)$	13189	13040	1	19883
13191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_{s0}^{*+})$	13190	13041	1	19884
13192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\bar{K}^0D^-D^-D^{*0})$	13191	13042	1	19885

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+K^*K^-K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+K^*K^-K^{*-}D^-)$	13192	13043	1	19886
13194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta K^+K^-D^-D^{*+})$	13193	13044	1	19887
13195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+D^{*0})$	13194	13045	1	19888
13196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^+K^-D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega\bar{K}^*K^+K^-D^-D^-D^0)$	13195	13046	1	19889
13197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}D'^-_{s1})$	13196	13047	1	19890
13198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\eta, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\eta'D^+)$	13197	13048	1	19891
13199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\omega\omega D^+D^-)$	13198	13049	1	19892
13200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\omega\bar{K}^0K^+D^-D^{*+})$	13199	13050	1	19893
13201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \eta\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\eta\bar{K}^0K^+\bar{D}^{*-}D^0\bar{D}^0D^{*0})$	13200	13051	1	19894
13202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^+\bar{D}^{*0})$	13201	13052	1	19895
13203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}D^{*0}\bar{D}^{*0})$	13202	13053	1	19896
13204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D_s^+\chi_{c0})$	13203	13054	1	19897
13205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \bar{K}^0K^+D^0D_s^-$ $(e^+e^- \to K^0\bar{K}^0K^+D^-D^{*+}D^0D_s^-)$	13204	13055	1	19898
13206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\phi\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^-\bar{K}^0K^*\bar{K}^*K^{*+}\phi D^{*+}\bar{D}^{*-})$	13205	13056	1	19899
13207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	13206	13057	1	19900
13208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-D^{*0}D_1'^-)$	13207	13058	1	19901
13209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to e^+\nu_eD_s^{*-}D_1^+D_1^-)$	13208	13059	1	19902

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^* K^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- K^* K^- D^{*+} D^{*+})$	13209	13060	1	19903
13211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega D^+ D^-)$	13210	13061	1	19904
13212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	13211	13062	1	19905
13213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^+ D^-, B^0 \to K^* D_s^{*+} D_s^{*-}$ $(e^+e^- \to K^0 K^* D^+ D^- D_s^{*+} D_s^{*-})$	13212	13063	1	19906
13214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0 K^+ D^- D^{*0}, B^0 \to \pi^0\pi^+\rho^+\rho^- K^- K^{*+} D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^- K^+ K^- K^{*+} D^- D^- D^{*0})$	13213	13064	1	19907
13215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^-\eta D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^-\eta K^+ D^+\Delta^+\Sigma^0\bar{\Sigma}^0\bar{\Sigma}_c^{*--})$	13214	13065	1	19908
13216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-})$	13215	50	1	19909
13217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega K^{*-} D^- D^{*+}\bar{D}^{*0})$	13216	13066	1	19910
13218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^-\omega\omega D^+ D^- D_s^{*+})$	13217	13067	1	19911
13219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D_s^+ D_s^{*-} D_1^+)$	1867	1861	1	19912
13220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0} D_s^-)$	13219	13069	1	19913
13221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^+ K^0 D^+ D^- a_1^-)$	13220	13070	1	19914
13222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-} D_s^{*-})$	13221	13071	1	19915
13223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- K^0 K^- D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^0 K^- D^+ D^+)$	13222	13072	1	19916
13224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	1868	1862	1	19917
13225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta K^0, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\omega\omega K^0 D^{*+})$	13224	13074	1	19918
13226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\rho^-\rho^- D^{*+} D_1^-)$	13225	13075	1	19919

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\bar{D}^0 D^{*0} D_s^{*+})$	1869	1863	1	19920
13228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}J/\psi, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^{*+}D^-J/\psi)$	13227	13077	1	19921
13229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+D^-D^-)$	13228	13078	1	19922
13230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^+\bar{D}^{*-}D_s^-)$	13229	13079	1	19923
13231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-})$	1870	1864	1	19924
13232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-D^-\bar{n}\Lambda_c^+)$	13231	13081	1	19925
13233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to K^*\bar{K}^*D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	13232	13082	1	19926
13234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \rho^+K^+\bar{D}^{*-}D^0D^{*0}D_s^{*-})$	13233	13083	1	19927
13235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to \pi^-\rho^+\eta\eta\omega\bar{K}^0$ $(e^+e^- \to \pi^-\rho^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}\bar{n}\Delta^+)$	13234	13084	1	19928
13236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\rho^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+K^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	13235	13085	1	19929
13237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\omega K^0K^{*-}D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega K^0\bar{K}^*K^{*-}D^+D^0)$	1871	1865	1	19930
13238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-D^{*0}D_0^{*-})$	13237	13087	1	19931
13239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0K^+D^-D^{*+}\bar{D}^0D^{*0})$	13238	13088	1	19932
13240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\omega\omega\bar{D}^{*-}D^{*0})$	13239	13089	1	19933
13241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+K^-D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^*K^-D^-D^{*0}D^{*0}\bar{D}^{*0})$	13240	13090	1	19934
13242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0K^{*+}D^+D^+\bar{D}^{*-}\bar{D}^{*0})$	13241	13091	1	19935
13243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	13242	13092	1	19936

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^- D^{*+}\bar{D}^{*-})$	13243	13093	1	19937
13245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\rho^-, B^0 \to \pi^+D^-n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^- D^- n\bar{n})$	13244	13094	1	19938
13246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\chi_{c1}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^+ D^{*+}\chi_{c1})$	13245	13095	1	19939
13247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \eta D_2^{*+}D_s^-\bar{\Delta}^0\Sigma_c^0)$	13246	13096	1	19940
13248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^*K^+K^-D^-D^0\bar{D}^0)$	13247	13097	1	19941
13249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^{*+}D^-, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	13248	13098	1	19942
13250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\rho^0D^{*+}n\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^{*+}D^{*+}n\bar{p})$	13249	13099	1	19943
13251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta'\bar{D}^{*-}D_1^+)$	13250	13100	1	19944
13252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \pi^-\rho^+K^0K^{*-}D^+J/\psi K_1^0)$	13251	13101	1	19945
13253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\omega\omega D^-D^{*+})$	13252	13102	1	19946
13254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^-D^-D^{*+})$	13253	13103	1	19947
13255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D_1^-, B^0 \to \rho^0\pi^+\omega D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\omega D^-D_1^-)$	13254	13104	1	19948
13256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	13255	13105	1	19949
13257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K_SK^{*+}\bar{D}^{*-}D^0\eta_c)$	13256	13106	1	19950
13258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^*D_s^+D_s^-$ $(e^+e^- \to K^0\bar{K}^*D_s^+D_s^-p\bar{\Lambda}_c^-)$	387	387	1	19951
13259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^-D^+p\bar{\Sigma}_c^-)$	13258	13108	1	19952
13260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^*$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\bar{K}^*D^-)$	13259	13109	1	19953

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\omega D^-D^{*0})$	13260	13110	1	19954
13262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to D^{*+}J/\psi\Delta^-\bar{n}K_1^0)$	13261	13111	1	19955
13263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\eta\omega D^+D_1'^+)$	1873	1867	1	19956
13264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{\Delta}^-\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^-\bar{\Delta}^-\Sigma_c^{*0})$	13263	13113	1	19957
13265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \pi^+\eta D^-\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^+\eta D^-\bar{D}^{*-}D_s^+\bar{\Delta}^-\Delta^-)$	13264	13114	1	19958
13266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}D_2^{*+}\gamma)$	13265	13115	1	19959
13267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+)$	1874	1868	1	19960
13268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\eta K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\eta\eta K^0D^{*+}\bar{D}^{*0})$	13267	13117	1	19961
13269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^+K^-D^+D^-)$	13268	13118	1	19962
13270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0)$	13269	13119	1	19963
13271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^0K^-D^-D^{*0})$	13270	13120	1	19964
13272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	1875	1869	1	19965
13273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-\phi D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0K^+K^-\phi D^+D^-D^-)$	13272	13122	1	19966
13274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+K^-D^-, \bar{B}^0 \to \pi^-\eta\bar{K}^*D_s^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\eta\bar{K}^*K^+K^-D^-D_s^{*+})$	13273	13123	1	19967
13275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	13274	13124	1	19968
13276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^+D_2^{*-})$	13275	13125	1	19969
13277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega D^-\bar{\Delta}^+\Xi_c^{*0})$	13276	13126	1	19970

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*-})$	13277	13127	1	19971
13279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-K^*D^{*+}J/\psi)$	13278	13128	1	19972
13280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	13279	13129	1	19973
13281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}D_s^{*+})$	13280	13130	1	19974
13282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\rho^+\omega\omega\bar{K}^*D^+D^-\bar{D}^{*-})$	13281	13131	1	19975
13283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^+$ $(e^+e^- \to \bar{K}^0K^-K^{*+}D^-D^{*0}\bar{D}^{*0}D_s^+)$	13282	13132	1	19976
13284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}D_{s1}'^-)$	13283	13133	1	19977
13285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\omega\omega D^+D^-)$	13284	13134	1	19978
13286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \eta\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega\omega D^-D^{*0})$	13285	13135	1	19979
13287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^+D_1'^-)$	13286	13136	1	19980
13288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^0\pi^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	1876	1870	1	19981
13289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \eta'\bar{n}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\eta'\bar{n}\Sigma_c^0D_1^-)$	13288	13138	1	19982
13290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^0K^0\bar{K}^*D^{*+}\eta_c)$	13289	13139	1	19983
13291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{n}\Sigma^{*-}$ $(e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\bar{n}\Sigma^{*-})$	1877	1871	1	19984
13292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^*D^{*+}\bar{D}^{*-}D^0)$	13291	13141	1	19985
13293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^0D^{*+}\bar{D}^0\bar{p}\Delta^+)$	13292	13142	1	19986
13294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^{*+}\bar{D}^0D_{s0}^{*-})$	13293	13143	1	19987

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0 a_1^-)$	13294	13144	1	19988
13296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1'^-, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^{*0}$ $(e^+e^- \to \pi^-D_s^+\Delta^+\bar{\Xi}_c^{*0}D_1'^-)$	13295	13145	1	19989
13297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-K^-K^{*+}D^{*+}\bar{D}^{*0})$	13296	13146	1	19990
13298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega\omega D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega D^0\bar{D}^{*0})$	13297	13147	1	19991
13299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^+\Delta^-\bar{\Delta}^0)$	13298	13148	1	19992
13300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0D^+D^-D^{*+}p\bar{p})$	13299	13149	1	19993
13301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\omega D^+D^-)$	13300	13150	1	19994
13302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D_2^{*+}D_s^-\gamma)$	13301	13151	1	19995
13303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^+\Sigma^0\bar{\Sigma}^-)$	13302	13152	1	19996
13304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+D^{*+}D^{*+}\bar{D}^{*-})$	13303	13153	1	19997
13305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+K^0D^+\bar{D}^{*-})$	93	93	1	19998
13306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0K^+D^{*0}p\bar{\Sigma}_c^{--})$	13305	13155	1	19999
13307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\omega K^0K^-D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^-D^-D^{*+}\bar{D}^{*0})$	13306	13156	1	20000
13308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, B^0 \to \pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\eta D^-\bar{D}^{*-})$	13307	13157	1	20001
13309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta K^0K^-D^+\bar{D}^{*-})$	13308	13158	1	20002
13310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi(3770), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+\psi(3770))$	13309	13159	1	20003
13311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-K^{*+}K^{*-}D^-D^{*+}\bar{D}^0)$	13310	13160	1	20004

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta\omega D^+D^-)$	13311	13161	1	20005
13313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S J/\psi, B^0 \to \pi^0\pi^0\pi^0\pi^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0 K_S\bar{D}^0 J/\psi)$	13312	13162	1	20006
13314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^- n, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+}\bar{\Delta}^- n)$	1879	1873	1	20007
13315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^* D^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- K^* D^+ D^{*+}\bar{D}^0)$	13314	13164	1	20008
13316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^* K^- D^{*+}\bar{D}^{*0}\psi')$	13315	13165	1	20009
13317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\omega, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega\bar{\Delta}^0\Sigma_c^0)$	13316	13166	1	20010
13318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+ D_1'^-)$	13317	13167	1	20011
13319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\rho^-\bar{K}^0 K^{*+} D^-\bar{\Delta}^0\Sigma_c^{*+})$	13318	13168	1	20012
13320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\pi^+ D^+\bar{D}^{*-})$	13319	13169	1	20013
13321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^+ D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega K^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^+ K^- D^{*+} D^0)$	1880	1874	1	20014
13322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0 K^* D^+ D^- D^{*+} D_s^{*-})$	1881	1875	1	20015
13323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 K^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-\eta K^0 D^{*+}\bar{D}^{*0})$	13322	13172	1	20016
13324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	13323	13173	1	20017
13325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	13324	13174	1	20018
13326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^0 D^+ D^+\bar{D}^{*-})$	1882	1876	1	20019
13327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^{*-} D^- D^{*+}\bar{D}^0)$	13326	13176	1	20020
13328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\omega\omega D^+ D_2^{*+})$	13327	13177	1	20021

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0 D_s^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-}D_s^-)$	13328	13178	1	20022
13330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^-D_2^{*+}D^0)$	13329	13179	1	20023
13331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^-D_{s0}^{*-})$	13330	13180	1	20024
13332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0\eta'D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	13331	13181	1	20025
13333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D^0)$	13332	13182	1	20026
13334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^0\bar{D}^{*0}D_1'^+)$	13333	13183	1	20027
13335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^+D^-\eta_c)$	13334	13184	1	20028
13336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	13335	13185	1	20029
13337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-})$	13336	13186	1	20030
13338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega D^-\bar{D}^{*0})$	1883	1877	1	20031
13339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \rho^0\pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^0K^-D^{*+}D_s^{*+}D_1^-)$	13338	13188	1	20032
13340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	13339	13189	1	20033
13341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^*D^{*+}D^{*0}\bar{D}^{*0})$	1884	1878	1	20034
13342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-D^-D^{*+})$	13341	13191	1	20035
13343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega K^0D_1^+)$	13342	13192	1	20036
13344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+D^{*+}a_1^-)$	1885	1879	1	20037
13345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^-\eta K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^-\eta K^0K^+K^{*-}D^{*+}\Lambda\bar{\Xi}_c'^0)$	13344	13194	1	20038

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^-)$	13345	13195	1	20039
13347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta D^+D_s^+D_1^-)$	13346	13196	1	20040
13348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	13347	13197	1	20041
13349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \omega D^{*+}n\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^0)$	13348	13198	1	20042
13350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-n\bar{n}, \bar{B}^0 \to D_s^+\bar{p}\Lambda$ $(e^+e^- \to \rho^0\pi^+D^-D_s^+n\bar{n}\bar{p}\Lambda)$	13349	13199	1	20043
13351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-K^+K^{*-}D^{*+}\bar{D}^{*-})$	13350	13200	1	20044
13352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega K^-K^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\omega K^-K^{*+}D^{*+}\bar{D}^0)$	13351	13201	1	20045
13353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*0})$	13352	13202	1	20046
13354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D^-D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}D^{*+})$	13353	13203	1	20047
13355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_0^{*+})$	13354	13204	1	20048
13356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}D_s^-\gamma)$	13355	13205	1	20049
13357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^{*0}a_1^-)$	13356	13206	1	20050
13358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\bar{D}^{*-}D_s^{*+})$	13357	13207	1	20051
13359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, B^0 \to \pi^+\pi^-\rho^-K^+D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-K^+D^+D^-D^-)$	13358	13208	1	20052
13360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^-K^0D^-D^{*+}\bar{\Delta}^0\Sigma_c^+)$	13359	13209	1	20053
13361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*0})$	13360	13210	1	20054
13362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_2^{*+})$	13361	10358	1	20055

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^*\Sigma^0\bar{\Xi}_c^0, \bar{B}^0 \to \pi^- D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* D^+\Delta^+\bar{\Delta}^+\Sigma^0\bar{\Xi}_c^0)$	13362	13211	1	20056
13364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^{*+}D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	13363	13212	1	20057
13365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- D^+ D^- a_1^+)$	13364	13213	1	20058
13366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^- K^0 K^{*-} D^+ D^{*+})$	13365	13214	1	20059
13367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \bar{K}^0\bar{K}^0 K^{*+} D^-\eta_c)$	1886	1880	1	20060
13368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\eta\omega D^+ D^{*+})$	13367	13216	1	20061
13369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^- K^-\eta' D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-\eta' D^{*+} D_s^+)$	13368	13217	1	20062
13370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\omega K^0 K^{*-} D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0 K^{*-} D^- D^{*+})$	13369	13218	1	20063
13371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+} D_s^+)$	13370	12646	1	20064
13372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^- D^{*+}\bar{\Delta}^0\Delta^+)$	13371	13219	1	20065
13373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^+ D_s^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\omega D^+ D^+ D_s^- D_s^{*-})$	13372	13220	1	20066
13374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^-\bar{n}p, \bar{B}^0 \to \pi^-\eta\bar{K}^0 K^* D^+$ $(e^+e^- \to \rho^0\pi^-\eta\bar{K}^0 K^* D^+ D^-\bar{n}p)$	13373	13221	1	20067
13375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega D^+\bar{D}^{*-} D_{s1}'^+)$	13374	13222	1	20068
13376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	13375	13223	1	20069
13377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	13376	13224	1	20070
13378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^+\rho^+ K^0 K^- n\bar{p}$ $(e^+e^- \to \pi^+\rho^+ K^0 K^- D_s^+ n\bar{p} D_1^-)$	13377	13225	1	20071
13379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+ D^-)$	13378	13226	1	20072

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-D^{*0}D_s^{*+})$	13379	13227	1	20073
13381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}D_1'^+)$	13380	13228	1	20074
13382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0D^+D^-D^{*+})$	13381	13229	1	20075
13383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0K^-\eta'D^+$ $(e^+e^- \to \pi^0K^-\eta'D^+\bar{D}^{*-}D_s^{*+})$	13382	13230	1	20076
13384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega D^+D^-)$	13383	13231	1	20077
13385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c2}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^+D^0\chi_{c2})$	13384	13232	1	20078
13386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+K^+K^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+}D^0)$	13385	13233	1	20079
13387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^+)$	13386	13234	1	20080
13388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^*\bar{K}^*K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^*\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-})$	13387	13235	1	20081
13389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}D_{s1}'^-)$	13388	13236	1	20082
13390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K_S\bar{D}^{*-}\eta_c)$	13389	13237	1	20083
13391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-})$	13390	13238	1	20084
13392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	13391	13239	1	20085
13393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^+D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to K^*K^{*-}D^+D^+D^-)$	13392	13240	1	20086
13394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \rho^-\bar{K}^0K^+K^-\eta'D^+$ $(e^+e^- \to \rho^-\bar{K}^0K^+K^-K^{*+}\eta'D^+D^-D^{*0})$	13393	13241	1	20087
13395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\rho^+D^+\bar{D}^{*-})$	13394	13242	1	20088
13396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^+\bar{\Lambda}\Sigma_c^0\gamma)$	13395	13243	1	20089

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-\omega$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\omega\bar{D}^{*-})$	13396	13244	1	20090
13398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^+D^-)$	13397	13245	1	20091
13399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-K^*K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^+\rho^-\eta K^*K^-D^+\bar{D}^{*-})$	13398	13246	1	20092
13400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\bar{K}^*D^-D^-D^{*0})$	13399	13247	1	20093
13401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^{*-}D^{*+}D^{*+}\bar{D}^{*0})$	1887	1881	1	20094
13402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	13401	13249	1	20095
13403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0\bar{K}^0\eta'D^{*+}\bar{D}^{*-})$	13402	13250	1	20096
13404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+D^-D_{s1}'^+)$	13403	13251	1	20097
13405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \pi^-\rho^+K^{*+}D^0D^0\bar{D}^{*0}D_s^-)$	13404	13252	1	20098
13406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}D_s^{*+}D_1^-)$	13405	13253	1	20099
13407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}D_1^-)$	13406	13254	1	20100
13408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	13407	13255	1	20101
13409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*0})$	13408	13256	1	20102
13410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \rho^-D^+D^{*+}\bar{D}^{*0}D_{s0}^{*-})$	13409	13257	1	20103
13411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+K_2^{*0}K^{*-}D^{*+}\bar{D}^{*-}J/\psi)$	13410	13258	1	20104
13412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*K^-D^+D^{*+})$	13411	13259	1	20105
13413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \eta\bar{p}\Xi_c'^+$ $(e^+e^- \to \eta\bar{D}^{*-}\bar{p}\Xi_c'^+D_{s1}'^+)$	13412	13260	1	20106

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^- D^0 D_s^+)$	389	389	1	20107
13415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^- D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\rho^- D^{*0} D^{*0})$	1889	1883	1	20108
13416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta\omega\bar{D}^{*-} D^{*0})$	13415	13263	1	20109
13417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0 K^- K^{*+} D^+ D^{*+}\bar{D}^{*-})$	13416	13264	1	20110
13418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	13417	13265	1	20111
13419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+ D^{*+})$	13418	13266	1	20112
13420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+}$ $(e^+e^- \to K^{*-} D^{*+} D^{*+}\bar{D}^{*-})$	13419	13267	1	20113
13421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-} D^{*0}\bar{D}^{*0})$	13420	13268	1	20114
13422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{D}^{*-} D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ K^0 D^{*+}\bar{D}^{*-} D^0)$	13421	13269	1	20115
13423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*-} D^0)$	13422	13270	1	20116
13424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0 D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\bar{K}^0 D^{*0} D_s^+)$	13423	13271	1	20117
13425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^-\omega K^+\bar{D}^0, \bar{B}^0 \to \pi^0\omega D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\omega K^+ D^+\bar{D}^0\Sigma^0\bar{\Sigma}^-)$	13424	13272	1	20118
13426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0 D^{*+} D^{*0})$	13425	13273	1	20119
13427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^* D^-, \bar{B}^0 \to \pi^0\pi^0 K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0 K^0\bar{K}^* K^- D^- D^{*+})$	13426	13274	1	20120
13428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^- D^{*+})$	13427	13275	1	20121
13429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 D^{*0}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^* K^+ D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\bar{K}^* K^+ D^+ D^{*0})$	13428	13276	1	20122
13430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-} D_{s1}'^+)$	13429	13277	1	20123

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	13430	3684	1	20124
13432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	13431	13278	1	20125
13433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0 D^{*+}n\bar{\Sigma}_c^0 a_1^-)$	13432	13279	1	20126
13434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+D^{*+})$	13433	13280	1	20127
13435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^*n\bar{p}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\eta K^*D^{*+}n\bar{p})$	13434	13281	1	20128
13436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^*D^+D^-)$	13435	13282	1	20129
13437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta D^{*+}D_2^{*+}D_s^-)$	13436	13283	1	20130
13438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma, \bar{B}^0 \to \eta\bar{K}^0D^+D^-$ $(e^+e^- \to \eta\bar{K}^0D^+D^-D^{*+}D_s^{*-}\gamma)$	13437	13284	1	20131
13439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0K^{*+}D^-D_1^+)$	13438	13285	1	20132
13440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{D}^0, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega K^0D^0\bar{D}^0)$	1890	1884	1	20133
13441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-\eta D^+D_2^{*+})$	13440	13287	1	20134
13442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to K^-\phi D^+\bar{D}^0$ $(e^+e^- \to K^-\phi D^+D^+\bar{D}^0D_s^-)$	13441	13288	1	20135
13443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta D^-D^{*+}D^{*0})$	13442	13289	1	20136
13444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*0})$	13443	13290	1	20137
13445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^-D_s^+$ $(e^+e^- \to \pi^0\pi^-K^*K^-D^+\bar{D}^{*0}D_s^+)$	13444	13291	1	20138
13446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	13445	13292	1	20139
13447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^{*-}D^-D^-D^{*+}D_s^{*+})$	13446	13293	1	20140

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega K^+D^+\bar{D}^{*-}D^{*0})$	13447	13294	1	20141
13449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Lambda\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	13448	13295	1	20142
13450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+D^-)$	13449	13296	1	20143
13451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^-K^{*+}D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^+K^-K^{*+}D^+D^-)$	13450	13297	1	20144
13452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{n}\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}\bar{D}^{*-}\bar{n}\Delta^0)$	1891	1885	1	20145
13453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0)$	13452	13299	1	20146
13454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^*D^+\bar{D}^{*-}\bar{D}^{*-})$	13453	13300	1	20147
13455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^0\bar{p}\Sigma_c^0)$	13454	13301	1	20148
13456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^*\eta_c D_0^{*+})$	1892	1886	1	20149
13457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D^-D^0, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0\bar{K}^*K^+D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0\bar{K}^*K^+K^{*+}D^-D^0D_s^{*+})$	13456	13303	1	20150
13458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	13457	13304	1	20151
13459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}\psi')$	13458	13305	1	20152
13460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-})$	13459	13306	1	20153
13461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^{*+}D^+D^-D^0)$	13460	13307	1	20154
13462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-D^-D^{*+}D_{s1}'^-)$	13461	13308	1	20155
13463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+D^-\bar{D}^{*-})$	13462	8132	1	20156
13464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+D_1^+)$	1893	1887	1	20157

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^0)$	13464	13310	1	20158
13466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-K^0D^+D^{*0}\bar{D}^{*0})$	13465	13311	1	20159
13467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\omega\omega D^+D^-)$	13466	13312	1	20160
13468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-K^0\bar{K}^*D^+D^-)$	13467	13313	1	20161
13469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^{*+}\phi D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0K^{*+}\phi D^+D_s^{*-})$	13468	13314	1	20162
13470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\eta\bar{K}^0K^+D^+D^-)$	13469	13315	1	20163
13471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\eta_c, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to K_LD^-D^{*+}\eta_c)$	13470	13316	1	20164
13472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-K^*D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	13471	13317	1	20165
13473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-\eta\omega\bar{K}^*D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^*D^-D_s^+)$	13472	13318	1	20166
13474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^{*+})$	13473	13319	1	20167
13475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D^0D_1^+)$	13474	13320	1	20168
13476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\pi^-\rho^+\eta D^+D^{*+})$	13475	13321	1	20169
13477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega K^0K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	13476	13322	1	20170
13478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+})$	13477	13323	1	20171
13479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\eta K^0K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\eta K^0K^-D^+D^-)$	13478	13324	1	20172
13480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}D_s^{*+}\gamma)$	13479	13325	1	20173
13481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^+D^-D_s^-)$	13480	13326	1	20174

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega D^+ D^{*+})$	13481	13327	1	20175
13483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^- D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^- D^+\bar{D}^{*-})$	1894	1888	1	20176
13484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^* D^{*+}a_1^-\psi')$	13483	13329	1	20177
13485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta K^+K^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta K^+K^- D^- D_1'^+)$	13484	13330	1	20178
13486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \omega K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^+\omega K^- D^+\bar{D}^0\Delta^0\bar{\Sigma}_c^-)$	13485	13331	1	20179
13487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^- K^{*-}D^+D^+D^- D_s^{*-})$	13486	13332	1	20180
13488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^{*+}D_s^-)$	390	390	1	20181
13489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-})$	13488	13334	1	20182
13490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^0)$	13489	13335	1	20183
13491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\rho^-\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta D^0 D_1^-)$	13490	13336	1	20184
13492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^- D^+D^+)$	13491	13337	1	20185
13493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^+\rho^-\rho^-\eta D^{*+})$	13492	13338	1	20186
13494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^- D^+ D_s^{*+}D_1^-)$	13493	13339	1	20187
13495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+K^- K^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^+K^- K^{*+}D^+\bar{D}^0)$	13494	13340	1	20188
13496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta J/\psi, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta\eta D^{*+}J/\psi)$	1896	1890	1	20189
13497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+, \bar{B}^0 \to \pi^0\pi^-\eta K^- K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\eta\eta K^- K^{*+}D^+D^+)$	13496	13341	1	20190
13498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^* D^{*+}\bar{D}^{*-}D_2^{*-}D_s^{*+})$	391	391	1	20191

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to \rho^0 \eta K^- K^{*+} D^0$ $(e^+e^- \to \pi^0\rho^0\eta K^- K^{*+} D^- D^0 D_s^{*+})$	13498	13342	1	20192
13500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\eta\eta' D^+$ $(e^+e^- \to \pi^-\eta K^0\eta' D^+\Delta^+\bar{\Sigma}_c^-)$	392	392	1	20193
13501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^-\omega\omega\eta' D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega\omega\eta' D^{*+}\bar{D}^0 D_s^+)$	13500	13344	1	20194
13502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \eta\omega\bar{K}^0\eta_c$ $(e^+e^- \to \eta\omega\bar{K}^0\bar{K}^* D^{*+}\bar{D}^{*-}\eta_c)$	13501	13345	1	20195
13503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+ D^0\bar{D}^{*0}\bar{\Delta}^-\Delta^-)$	13502	13346	1	20196
13504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-})$	13503	13347	1	20197
13505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^- K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+ K^+ K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+ K^- K^{*+} K^{*-} D^-)$	13504	13348	1	20198
13506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-} D_s^{*+})$	1899	1893	1	20199
13507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^0\bar{D}^0)$	13506	13350	1	20200
13508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^*\bar{K}^* K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 K^*\bar{K}^* K^+ D^- D^{*+})$	13507	13351	1	20201
13509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^- D^+ D^{*+})$	13508	13352	1	20202
13510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^+ D^+ D^- a_1^-)$	13509	13353	1	20203
13511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\eta\omega\bar{K}^* K^{*+} D^+\bar{D}^{*-})$	13510	13354	1	20204
13512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^- D^{*+} p\bar{\Sigma}_c^0)$	13511	13355	1	20205
13513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^0 K^* D_s^{*-}, \bar{B}^0 \to \rho^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\rho^- K^0 K^* D^+\bar{D}^{*0} D_s^{*-})$	13512	13356	1	20206
13514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 D^- D_s^{*+}, B^0 \to \bar{K}^0 K^+ D^-$ $(e^+e^- \to \pi^0\bar{K}^0 K^+ D^- D^- D_s^{*+})$	13513	13357	1	20207
13515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta D^+\bar{D}^{*-})$	13514	13358	1	20208

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega\omega D^+D^-)$	13515	13359	1	20209
13517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^+\bar{D}^{*-})$	13516	13360	1	20210
13518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-\eta D^+D^-)$	13517	13361	1	20211
13519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}D_s^{*-}\gamma)$	13518	13362	1	20212
13520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\bar{K}^0K^{*+}D^-\bar{n}\Sigma_c^0)$	13519	13363	1	20213
13521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-J/\psi, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^{*+}J/\psi D_{s0}^{*-})$	13520	13364	1	20214
13522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^*D^{*+}\bar{D}^{*-}D^0)$	13521	13365	1	20215
13523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\eta', B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta'\bar{D}^{*0})$	13522	13366	1	20216
13524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\Sigma^0\bar{\Xi}_c'^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-\omega K^+D^0\bar{D}^{*0}\Sigma^0\bar{\Xi}_c'^0)$	13523	13367	1	20217
13525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-K^0D^{*+}D_s^+D_s^-)$	13524	13368	1	20218
13526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0\Delta^0\bar{\Sigma}_c^0\psi')$	13525	13369	1	20219
13527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}D_1^+)$	13526	13370	1	20220
13528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+, \bar{B}^0 \to \pi^-\rho^+K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+K^-D^+D^{*+}\bar{D}^0)$	13527	13371	1	20221
13529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^-D^+D^-)$	13528	13372	1	20222
13530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\omega D^-D^{*+}D_s^{*-})$	13529	13373	1	20223
13531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	13530	13374	1	20224
13532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	13531	13375	1	20225

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^+ D_s^- D_1^-)$	13532	13376	1	20226
13534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\pi^- D^{*+} D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^{*+} D_s^- D_1^-)$	13533	13377	1	20227
13535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to e^+\nu_e D_2^{*-}$ $(e^+e^- \to e^+e^+\nu_e\nu_e \bar{D}^{*-} D_2^{*-})$	13534	13378	1	20228
13536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0 K^0\psi', B^0 \to \pi^+ K^* \bar{K}^* \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+ K^0 K^* \bar{K}^* \bar{D}^{*-}\psi')$	13535	13379	1	20229
13537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D^{*+}\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^- K^0 \bar{K}^* D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^0)$	13536	13380	1	20230
13538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- \bar{K}^0 D^{*+} D^{*+}\bar{D}^{*-}\gamma)$	13537	13381	1	20231
13539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^+ K^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\omega K^+ K^- D^{*+}\bar{D}^0)$	13538	13382	1	20232
13540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta K^*\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^*\bar{K}^* D^{*+}\bar{D}^{*-} n\bar{n})$	13539	13383	1	20233
13541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^-\phi D^+$ $(e^+e^- \to \tau^+\nu_\tau K^-\phi D^+\bar{D}^{*-})$	13540	13384	1	20234
13542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+ D^-)$	393	393	1	20235
13543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \eta K^* K^-\eta' D^+$ $(e^+e^- \to \eta K^* K^-\eta' D^+\bar{D}^{*-} D_s^{*+})$	13542	13386	1	20236
13544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\bar{K}^* D^- D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^* D^- D^- D^0 D_{s1}'^+)$	13543	13387	1	20237
13545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	13544	13388	1	20238
13546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\bar{K}^0 D_2^{*-} D^{*0}\bar{D}^{*0})$	13545	13389	1	20239
13547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to \pi^0 K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 K^- D^{*+}\bar{D}^0 D_1'^+)$	1901	1895	1	20240
13548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \bar{K}^*\bar{D}^0 D^{*0}$ $(e^+e^- \to \bar{K}^* D^{*+}\bar{D}^0 D^{*0} D_s^{*-})$	13547	13391	1	20241
13549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}\gamma, \bar{B}^0 \to K^* K^- D^+$ $(e^+e^- \to \rho^+ K^* K^- D^+ D_2^{*-}\gamma)$	13548	13392	1	20242

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	13549	13393	1	20243
13551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^0\bar{K}^0D^{*+}D^{*+})$	13550	13394	1	20244
13552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^-D^-D^{*+})$	13551	13395	1	20245
13553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	13552	13396	1	20246
13554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to D^+D^-$ $(e^+e^- \to \pi^0\omega D^+D^-\bar{D}^{*0})$	13553	13397	1	20247
13555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^0K^+D^-D^{*+})$	1902	1896	1	20248
13556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \rho^-K^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0D^+\bar{D}^{*-}\bar{D}^0)$	13555	13399	1	20249
13557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_0^{*+})$	13556	13400	1	20250
13558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}\bar{D}^{*-}\gamma)$	13557	13401	1	20251
13559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to \rho^0\pi^-\eta\eta'D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\eta\eta'D^-D^{*+}D_s^+)$	1903	1897	1	20252
13560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+\eta D^-D^{*+})$	1904	1898	1	20253
13561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^-D^{*+}\bar{D}^{*-})$	1905	1899	1	20254
13562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-D^-D^{*0})$	13561	13405	1	20255
13563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^+K^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta K^+K^-D^-D^{*+}D_s^{*-})$	13562	13406	1	20256
13564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}n\bar{\Sigma}_c^0)$	13563	13407	1	20257
13565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^+)$	1906	1900	1	20258
13566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^0D_s^{*-})$	13565	13409	1	20259

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	13566	13410	1	20260
13568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^{*+}D^0, B^0 \to \pi^0\pi^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}K^{*+}\bar{D}^{*-}D^0)$	394	394	1	20261
13569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^-a_1^+\gamma)$	13568	13412	1	20262
13570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	13569	1141	1	20263
13571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\rho^+\omega D^-)$	13570	13413	1	20264
13572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-K^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\rho^-K^0D^{*+}\bar{D}^0)$	13571	13414	1	20265
13573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \omega K^+D^0D_s^-$ $(e^+e^- \to \omega K^+D^0D_s^+D_s^-D_1^-)$	13572	13415	1	20266
13574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0D^+D^-D^-)$	1908	1902	1	20267
13575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^0K^-D^+D^{*+})$	13574	13417	1	20268
13576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^{*+}D^+J/\psi)$	1909	1903	1	20269
13577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^-D^{*+}D_s^+)$	13576	13419	1	20270
13578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\Delta^0\bar{\Sigma}_c^{*0})$	13577	13420	1	20271
13579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}J/\psi)$	13578	13421	1	20272
13580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^0)$	13579	13422	1	20273
13581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^+\bar{D}^0n\bar{n})$	1910	1904	1	20274
13582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^0\bar{p}$ $(e^+e^- \to \pi^+\omega\eta'D^{*+}\bar{D}^{*-}\Delta^0\bar{p})$	13581	13424	1	20275
13583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	13582	13425	1	20276

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 p\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^-\omega\omega\bar{K}^0K^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^0K^+\bar{D}^0p\bar{\Sigma}_c^-)$	13583	13426	1	20277
13585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0D_s^{*-}\bar{n}\Lambda)$	1911	1905	1	20278
13586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^{*+})$	13585	13428	1	20279
13587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}\gamma)$	13586	13429	1	20280
13588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^0\rho^-\omega\bar{D}^{*-}\bar{n}pD_1'^+)$	13587	13430	1	20281
13589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D_s^+D_s^-, \bar{B}^0 \to \rho^0K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^*K^+K^-D^{*+}D_s^+D_s^-)$	13588	13431	1	20282
13590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^+K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-K^+K^{*-}D^+\bar{D}^{*-})$	13589	13432	1	20283
13591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0D^-D^{*+}D_s^{*+}D_s^{*-})$	13590	13433	1	20284
13592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega\bar{\Delta}^{++}\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^+\eta\omega\bar{D}^{*-}\bar{\Delta}^{++}\Sigma_c^+)$	13591	13434	1	20285
13593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^0\rho^-\eta\bar{K}^0K^+D^0$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\eta\bar{K}^0K^+D^0D_1^-)$	13592	13435	1	20286
13594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0\bar{K}^*D^-D^-D^{*+}D^{*0})$	13593	13436	1	20287
13595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_SJ/\psi, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-K_SD^+J/\psi)$	13594	13437	1	20288
13596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\omega K^+, \bar{B}^0 \to \rho^0\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega\omega K^0K^+K^{*-}D^+)$	13595	13438	1	20289
13597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-})$	13596	13439	1	20290
13598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\eta_c, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0K^0D^{*+}\eta_cD_{s1}'^-)$	13597	13440	1	20291
13599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+D^{*+}\Delta^+\bar{\Lambda}_c^-)$	13598	13441	1	20292
13600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\omega D^-, \bar{B}^0 \to \rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\eta\eta\eta\omega D^+D^-)$	13599	13442	1	20293

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+D^-)$	13600	12663	1	20294
13602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega K^-D^+D^-\bar{D}^{*0})$	13601	13443	1	20295
13603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^-D^{*+})$	13602	13444	1	20296
13604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0\bar{K}^0K^+\bar{D}^{*-}D^0)$	13603	13445	1	20297
13605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^+K^-\chi_{c0}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^-D^-D_s^+\chi_{c0})$	13604	13446	1	20298
13606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\rho^-\eta D^-D^{*0})$	13605	13447	1	20299
13607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}n\bar{n})$	13606	13448	1	20300
13608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta\Sigma^{*0}\bar{\Xi}_c^{\prime 0}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}_c^{\prime 0})$	13607	13449	1	20301
13609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \eta\bar{p}\Sigma_c^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{p}\Sigma_c^+)$	13608	13450	1	20302
13610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^+K^-K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-K^0K^+K^-K^-D^+\bar{D}^{*-})$	13609	13451	1	20303
13611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^{\prime 0}\gamma, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+D_s^-K_1^{\prime 0}\gamma)$	13610	13452	1	20304
13612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^+\bar{D}^{*0})$	13611	13453	1	20305
13613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\bar{K}^*D^-\bar{D}^{*-}D^0)$	13612	13454	1	20306
13614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+D^-, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \eta\bar{K}^0\bar{K}^*D^+D^-D^0\bar{D}^{*0})$	13613	13455	1	20307
13615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0D^+n\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0D^+\bar{D}^{*0}n\bar{\Lambda})$	1912	1906	1	20308
13616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+})$	13615	13457	1	20309
13617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^+\bar{D}^{*-})$	13616	13458	1	20310

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^+D_s^-)$	13617	13459	1	20311
13619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\omega K^0\bar{K}^0K^-D^+\bar{D}^{*-}\bar{D}^0)$	13618	13460	1	20312
13620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-p\bar{p}, \bar{B}^0 \to \pi^-\eta K^+K^-D^+$ $(e^+e^- \to \pi^-\rho^+\eta K^+K^-D^+D^-p\bar{p})$	13619	13461	1	20313
13621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^-\omega\eta'D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\eta'D^+D^{*+})$	395	395	1	20314
13622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}D_2^{*-})$	13621	13463	1	20315
13623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^0, \bar{B}^0 \to \pi^0\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^-D^0D^0)$	13622	13464	1	20316
13624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\rho^+D^-D^0D_s^-)$	13623	13465	1	20317
13625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{K}^0D^-D^{*+}p\bar{\Lambda}_c^-)$	13624	13466	1	20318
13626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	13625	13467	1	20319
13627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_{s0}^{*-})$	13626	13468	1	20320
13628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta\omega D^{*+}, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^-\eta\eta\omega\bar{K}^0D^{*+}D^0\bar{D}^{*0})$	13627	13469	1	20321
13629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\psi', \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to K_LD^{*+}D_{s0}^{*-}\psi')$	13628	13470	1	20322
13630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^-\eta D^+D^{*+})$	1914	1908	1	20323
13631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^0\pi^-D^+\bar{n}\Lambda$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-\bar{n}\Lambda)$	13630	13471	1	20324
13632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta D^+D^{*+})$	13631	13472	1	20325
13633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega D^-D^{*+}D_s^-)$	13632	13473	1	20326
13634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+K^+K^-D^{*+}\bar{D}^{*-})$	13633	13474	1	20327

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\Delta^0\bar{\Xi}_c^{*-})$	13634	13475	1	20328
13636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\phi D^- D_s^+ D_1'^+)$	13635	13476	1	20329
13637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0 D^+\bar{D}^{*-}D_2^{*+})$	13636	13477	1	20330
13638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	13637	13478	1	20331
13639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^* K^- D^{*+}\bar{D}^0 D_s^+)$	13638	13479	1	20332
13640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	13639	13480	1	20333
13641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^* D^+\bar{D}^{*0})$	13640	13481	1	20334
13642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega D^- D^{*+})$	13641	13482	1	20335
13643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- K^*\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^- K^*\bar{K}^* D^+\bar{D}^{*-})$	13642	13483	1	20336
13644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\omega\bar{K}^0$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\bar{K}^0\Delta^+\bar{\Sigma}_c^{*0})$	13643	13484	1	20337
13645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^+\pi^- K^{*+} D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^- K^{*+} D^- D^-)$	13644	13485	1	20338
13646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c'^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0 D^{*+}\Delta^0\bar{\Xi}_c'^0)$	13645	13486	1	20339
13647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \eta n\bar{\Sigma}_c^0$ $(e^+e^- \to \eta\bar{D}^{*-}n\bar{\Sigma}_c^0 a_1^+)$	13646	13487	1	20340
13648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^+ D^- D_s^{*-})$	13647	13488	1	20341
13649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^-\rho^+\eta\omega D^{*0}$ $(e^+e^- \to \pi^-\rho^+\eta\omega K^+ D^- D^{*0} D^{*0})$	13648	13489	1	20342
13650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta K^0 D^- D^{*+})$	13649	13490	1	20343
13651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-})$	13650	13491	1	20344

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^+D^+D^-D^0D_s^-)$	1915	1909	1	20345
13653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^-D^+\bar{D}^{*-}a_1^+)$	13652	13493	1	20346
13654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Delta^+\bar{\Sigma}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \bar{K}^0D_s^-\bar{\Delta}^0\Delta^+\bar{\Sigma}^{*0}\Sigma_c^0)$	13653	13494	1	20347
13655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^+D^+D^-D^{*0})$	13654	13495	1	20348
13656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\eta K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^{*-}D^{*+}\chi_{c1})$	13655	13496	1	20349
13657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-})$	13656	13497	1	20350
13658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^+D^-)$	13657	13498	1	20351
13659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	13658	13499	1	20352
13660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta'D^{*+}\bar{D}^0D_s^{*+})$	13659	13500	1	20353
13661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\eta\omega K^*K^-D^+D^+)$	13660	13501	1	20354
13662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta K^0K^0\bar{K}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta K^0K^0\bar{K}^0D^{*+})$	13661	13502	1	20355
13663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \rho^+\eta K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}\psi')$	13662	13503	1	20356
13664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\omega K^0K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-\omega K^0K^{*-}D^-D^{*0})$	13663	13504	1	20357
13665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0D^{*+}\bar{D}^0D_s^-)$	13664	13505	1	20358
13666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+D^-D^{*+})$	1916	1910	1	20359
13667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\rho^-K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^-K^-D^{*+}D^{*+}\bar{D}^0)$	13666	13507	1	20360
13668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^+\bar{D}^{*-}D^{*0})$	13667	13508	1	20361

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	13668	13509	1	20362
13670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\bar{n}\Sigma_c^{*0})$	396	396	1	20363
13671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	13670	13511	1	20364
13672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-K^0D^{*+}\bar{p}\Sigma^+$ $(e^+e^- \to \pi^-K^0K^0D^{*+}D^0\bar{D}^{*0}\bar{p}\Sigma^+)$	13671	13512	1	20365
13673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^*K^+K^-D^+\eta_c)$	1918	1912	1	20366
13674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0)$	13673	13514	1	20367
13675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^{*-})$	13674	13515	1	20368
13676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-\eta D^+D^+)$	13675	13516	1	20369
13677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^0\Delta^+\bar{\Sigma}^{*-})$	13676	13517	1	20370
13678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^-D^0D_s^-\bar{\Delta}^-\Delta^0)$	13677	13518	1	20371
13679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^{*+}D^+D^-)$	13678	13519	1	20372
13680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e\eta D^-$ $(e^+e^- \to e^+\nu_e\eta D^-\bar{D}^{*-}D_s^{*+})$	13679	13520	1	20373
13681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\omega K^+D^-D^{*+})$	13680	13521	1	20374
13682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to K^+D^-D_2^{*-}D^{*0}D_s^+)$	13681	13522	1	20375
13683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\eta\omega D^-D^{*0})$	13682	13523	1	20376
13684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to K^+K^-D^0n\bar{n}$ $(e^+e^- \to \bar{K}^*K^+K^+K^-\bar{D}^{*-}D^0n\bar{n})$	13683	13524	1	20377
13685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^+D^-\bar{D}^{*-})$	13684	13525	1	20378

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0, \bar{B}^0 \to \bar{K}^0D^+n\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^+n\bar{\Sigma}^-)$	13685	13526	1	20379
13687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}\Delta^-\bar{n})$	13686	13527	1	20380
13688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{p}\Delta^+, \bar{B}^0 \to \rho^+K^0\bar{K}^0K^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0\bar{K}^0K^{*-}D^-\bar{p}\Delta^+)$	13687	13528	1	20381
13689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\omega D^+D^{*+})$	13688	13529	1	20382
13690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^0\bar{p})$	13689	13530	1	20383
13691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0p)$	13690	13531	1	20384
13692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\eta\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-}D^0)$	13691	13532	1	20385
13693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D_s^{*+}D_1'^-)$	13692	13533	1	20386
13694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^+K^-D^+\bar{D}^{*-}p\bar{p})$	13693	13534	1	20387
13695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0\omega\bar{K}^0K^{*+}\bar{D}^{*-}D_s^{*-}D_1'^+)$	13694	13535	1	20388
13696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}a_1^-)$	13695	13536	1	20389
13697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\eta K^*, \bar{B}^0 \to \pi^0D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\eta K^*D^{*+}\Sigma^-\bar{\Lambda})$	13696	13537	1	20390
13698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\rho^-D^+D_s^{*+}n\bar{p}D_1^-)$	13697	13538	1	20391
13699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \omega K^0D^{*+}\eta_cD_{s1}'^-\gamma)$	13698	13539	1	20392
13700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to K^0D^+D_s^-\Lambda\bar{\Sigma}_c^0)$	13699	13540	1	20393
13701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\rho^+D^+\Delta^-\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^+D^+\bar{D}^{*-}D_s^{*+}\Delta^-\bar{\Delta}^+\gamma)$	1919	1913	1	20394
13702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^0)$	1920	1914	1	20395

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*0})$	13702	13543	1	20396
13704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^+D^+\Delta^0\bar{\Sigma}_c^-D_{s0}^{*-})$	13703	13544	1	20397
13705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^+D^-)$	13704	13545	1	20398
13706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-p\bar{\Delta}^+, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+D^-D^{*+}p\bar{\Delta}^+)$	13705	13546	1	20399
13707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \bar{K}^0K^+D^-D_s^{*-}D_1'^+)$	13706	13547	1	20400
13708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^*D^-D^0\bar{D}^{*0})$	1921	1915	1	20401
13709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^-\pi^-\rho^+\eta K^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta K^+D^-)$	13708	13549	1	20402
13710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_{s1}'^-)$	13709	13550	1	20403
13711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to D_2^{*-}D_s^-D_s^{*+}D_1'^+)$	13710	13551	1	20404
13712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^*\eta' D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta K^0\bar{K}^*\eta' D^+D^{*+})$	13711	13552	1	20405
13713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^{*-})$	13712	13553	1	20406
13714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+D^-\bar{\Delta}^-\Delta^0)$	13713	13554	1	20407
13715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0K^*K^{*-}D^{*+}D_1^+)$	13714	13555	1	20408
13716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega K^+D^{*+}D^0\bar{D}^0)$	13715	13556	1	20409
13717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega\eta' D^{*+}\bar{D}^{*-})$	13716	13557	1	20410
13718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-D^0$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\omega D^-D^0)$	13717	13558	1	20411
13719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^+K^-D^+D_2^{*-}D_s^+)$	13718	13559	1	20412

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to \rho^+\omega K^0K^-D^+D^-)$	13719	13560	1	20413
13721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_1^+\gamma)$	13720	13561	1	20414
13722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\omega\bar{K}^*K^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega\bar{K}^*K^+K^+K^{*-}K^{*-}\bar{D}^{*-}D^0)$	13721	13562	1	20415
13723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^-K^0\bar{K}^0D^{*+}D^{*+})$	13722	13563	1	20416
13724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^-\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0K^+D^+\bar{D}^0D_{s0}^{*-})$	1922	1916	1	20417
13725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	13724	13565	1	20418
13726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-p\bar{\Delta}^+, \bar{B}^0 \to \pi^-\omega K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^{*+}K^{*-}D^-D^{*+}p\bar{\Delta}^+)$	1923	1917	1	20419
13727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^*K^-D^{*+}D_2^{*-})$	13726	13567	1	20420
13728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\eta D^-D^0D_s^{*-})$	13727	13568	1	20421
13729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^+D^-)$	1924	1918	1	20422
13730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\bar{\Delta}^+\Sigma_c^{*0})$	13729	13570	1	20423
13731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+K^0K^0K^{*-}D^{*+}\bar{D}^{*-}D^0)$	13730	13571	1	20424
13732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}n\bar{p})$	13731	13572	1	20425
13733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	1925	1919	1	20426
13734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega D^{*+}D_s^{*+}D_1'^-)$	13733	13574	1	20427
13735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega K^+D^+D^{*+}\bar{D}^{*-})$	13734	13575	1	20428
13736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^0D^+D^-D^{*+}\gamma)$	13735	13576	1	20429

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta_c$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\eta\bar{D}^{*-}\eta_c)$	13736	13577	1	20430
13738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	13737	13578	1	20431
13739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^{*-})$	13738	13579	1	20432
13740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\omega K^0K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\omega K^0K^-\bar{D}^{*-}D_0^{*+})$	13739	13580	1	20433
13741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\bar{D}^0D_s^{*-})$	13740	13581	1	20434
13742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+D^-, B^0 \to \rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^+D^-\bar{D}^{*-})$	13741	13582	1	20435
13743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\eta'\bar{D}^{*-}\chi_{c1})$	13742	13583	1	20436
13744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\eta D^+D^-)$	13743	13584	1	20437
13745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+K^-D^-D^{*+}\bar{D}^{*0})$	13744	13585	1	20438
13746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-K^*, \bar{B}^0 \to \omega\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega K^0K^*K^{*-}D^+)$	13745	13586	1	20439
13747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\bar{D}^{*-}D_1'^+)$	13746	13587	1	20440
13748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}, \bar{B}^0 \to \pi^+\omega\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	13747	13588	1	20441
13749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{D}^{*0}D_1'^+)$	13748	13589	1	20442
13750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to K^0D^+D^+D^-D_{s1}'^-)$	13749	13590	1	20443
13751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*\eta_cD_1^-)$	1926	1920	1	20444
13752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega K^+D^-\bar{D}^{*-}D^{*0})$	13751	13592	1	20445
13753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0D^-\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to e^+\nu_e\pi^0D^-D^-\bar{\Delta}^+\Delta^{++})$	13752	13593	1	20446

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\eta\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\omega\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	13753	13594	1	20447
13755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-})$	13754	13595	1	20448
13756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^+K^0K^-D^-D^{*+}\bar{\Lambda}\Sigma^{*0})$	1927	1921	1	20449
13757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-K^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^-D^0D_s^{*+})$	13756	13597	1	20450
13758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+D^+D^-)$	13757	13598	1	20451
13759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^-\omega\omega K^-K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\omega\omega K^-K^{*+}D^+D^+)$	13758	13599	1	20452
13760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	13759	13600	1	20453
13761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^+D^-D_s^-)$	13760	8387	1	20454
13762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+D^-D_s^{*+})$	13761	13601	1	20455
13763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+\bar{D}^{*-}D_s^{*+})$	13762	13602	1	20456
13764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-})$	13763	13603	1	20457
13765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0)$	13764	13604	1	20458
13766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^+K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	13765	13605	1	20459
13767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-D^{*+}K_1^0\psi')$	13766	13606	1	20460
13768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0\bar{K}^0D^-D_s^+$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^0D^-\bar{D}^{*-}D_s^+D_s^{*+})$	1928	1922	1	20461
13769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta\omega\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta\omega\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	13768	13607	1	20462
13770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to e^+\nu_eD_1^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_1^-D_{s1}'^+)$	13769	13608	1	20463

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\omega D^-, B^0 \to \pi^0\pi^+\rho^+\eta K^0K^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\eta\eta\omega K^0K^-D^-D^-)$	13770	13609	1	20464
13772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0D^+\eta_c)$	13771	13610	1	20465
13773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^-p, \bar{B}^0 \to \pi^0D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-pp\bar{\Delta}^{++})$	13772	13611	1	20466
13774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^+\bar{D}^{*-})$	13773	13612	1	20467
13775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}D^{*0})$	1929	1923	1	20468
13776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \pi^0\eta K^{*+}K^{*-}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^{*+}K^{*-}\bar{D}^{*0}D_0^{*-})$	13775	13614	1	20469
13777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD_2^{*+}D_2^{*-})$	13776	13615	1	20470
13778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to \rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^0\omega\bar{K}^0D^+D^-\bar{D}^{*0})$	13777	13616	1	20471
13779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\omega D^+D^-\bar{\Sigma}^+\Sigma^0)$	13778	13617	1	20472
13780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	13779	13618	1	20473
13781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta D^+\bar{D}^{*-})$	13780	13619	1	20474
13782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^-\eta\omega D^+D^+D_s^-)$	13781	13620	1	20475
13783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1'^+)$	13782	13621	1	20476
13784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+\bar{D}^{*0})$	13783	13622	1	20477
13785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta D^-\bar{D}^{*0})$	13784	13623	1	20478
13786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \rho^+\rho^-\eta\omega D^+D^-)$	13785	11054	1	20479
13787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^+K^0D^-\bar{D}^{*-})$	13786	13624	1	20480

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to D_s^{*-}\Lambda\bar{\Xi}^{*+}$ $(e^+e^- \to \pi^-\bar{D}^0D_s^+D_s^{*-}\Lambda\bar{\Xi}^{*+})$	13787	13625	1	20481
13789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^0\pi^-\bar{K}^0K^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{D}^0D_{s1}'^+)$	13788	13626	1	20482
13790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	13789	13627	1	20483
13791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+\gamma$ $(e^+e^- \to \pi^0\rho^0\rho^-K^0D^+D^-D^{*+}\gamma)$	13790	13628	1	20484
13792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^{*+}D^0)$	13791	13629	1	20485
13793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \eta\bar{K}^0\eta_c$ $(e^+e^- \to \eta\bar{K}^0D^{*+}D_s^{*-}\eta_c)$	13792	13630	1	20486
13794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^+D^-)$	13793	13631	1	20487
13795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-K^-K^{*+}D^0\bar{D}^0\bar{D}^{*0})$	13794	13632	1	20488
13796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D_2^{*-}D^0D_s^{*+})$	13795	13633	1	20489
13797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{n}\Sigma_c^0)$	13796	13634	1	20490
13798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	13797	13635	1	20491
13799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^*D^+D^{*+}\bar{D}^{*-})$	13798	13636	1	20492
13800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \bar{K}^*\bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}\bar{D}^0D_s^{*+}\bar{n}\Delta^0)$	13799	13637	1	20493
13801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^0K^+D^+D^-)$	13800	13638	1	20494
13802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^-D^{*+}\Delta^+\bar{\Delta}^+)$	13801	13639	1	20495
13803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0D_s^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-D_s^+)$	13802	13640	1	20496
13804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to K^0\bar{K}^0K^*K^{*+}D_s^-$ $(e^+e^- \to \rho^0\rho^0\pi^+K^0\bar{K}^0K^*K^{*+}\bar{D}^{*-}D_s^-)$	13803	13641	1	20497

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	13804	13642	1	20498
13806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	13805	13643	1	20499
13807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}D^{*+}\bar{D}^{*0}D'^-_{s1})$	13806	13644	1	20500
13808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	13807	13645	1	20501
13809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^+\omega\omega K^0K^-D^+D^-)$	94	94	1	20502
13810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\Sigma^-\bar{\Lambda}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega K^0D^+\Sigma^-\bar{\Lambda})$	13809	13647	1	20503
13811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D^+_s, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^-D^{*+}D^+_s)$	13810	13648	1	20504
13812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D^{*+}_s, B^0 \to K^{*+}D^-D^0$ $(e^+e^- \to \pi^0K^{*+}D^-D^-D^0D^{*+}_s)$	13811	13649	1	20505
13813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega K^0D^-_s$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^+\rho^-\omega K^0\bar{D}^{*-}D^-_s)$	13812	13650	1	20506
13814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\eta\eta K^0\bar{K}^0D^+D^{*+})$	13813	13651	1	20507
13815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^+K^-D^{*0}\bar{D}^{*0})$	13814	13652	1	20508
13816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K^*K^{*-}D^+\bar{D}^{*-})$	13815	13653	1	20509
13817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^0\Delta^-\bar{\Lambda}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{K}^0D^-D^0\Delta^-\bar{\Lambda})$	13816	13654	1	20510
13818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0D^+D^-D^{*+})$	13817	13655	1	20511
13819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}_sD^{*-}_s, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\omega\bar{K}^0D^{*+}D^{*+}_sD^{*-}_s)$	13818	13656	1	20512
13820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\omega\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to D^{*+}a^-_1$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^0a^-_1)$	13819	13657	1	20513
13821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+D^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+D^+D^-D^-)$	13820	13658	1	20514

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega D^+\bar{D}^{*-}p\bar{p})$	13821	13659	1	20515
13823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta D^-\bar{D}^{*-})$	13822	13660	1	20516
13824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}D^0\bar{D}^{*0}p\bar{\Delta}^{++})$	13823	13661	1	20517
13825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\omega D^-D^{*+})$	13824	13662	1	20518
13826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta\bar{K}^0K^*\eta' D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\bar{K}^0K^*\eta' D^-D^{*+})$	13825	13663	1	20519
13827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to \pi^0\pi^0\omega\omega\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\omega\omega\omega D^-D^{*0})$	13826	13664	1	20520
13828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\rho^0K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0K^0K^-D^+D^-a_1^+)$	13827	13665	1	20521
13829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0K^+\eta' D^-D^{*+})$	13828	13666	1	20522
13830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+}D_2^{*-}D_s^+)$	13829	13667	1	20523
13831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta' D^{*+}\bar{D}^{*-})$	13830	13668	1	20524
13832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+\pi^-D^-D_s^+D_s^{*-}D_1^+)$	13831	13669	1	20525
13833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^-)$	13832	13670	1	20526
13834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-D^+D^-D^{*+})$	13833	13671	1	20527
13835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^-D^+D^-)$	13834	13672	1	20528
13836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\omega K^*\bar{D}^{*-}D_1^+)$	13835	13673	1	20529
13837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}\gamma)$	13836	13674	1	20530
13838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+})$	13837	13675	1	20531

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	1931	1925	1	20532
13840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega K^-\bar{D}^{*0}\chi_{c1})$	13839	13677	1	20533
13841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\eta K^*\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\eta K^*D^{*+}\bar{D}^0D_s^{*-})$	1932	1926	1	20534
13842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0\phi D^{*+}\eta_c)$	13841	13679	1	20535
13843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\omega\omega D^{*+}\bar{D}^{*-}n\bar{p})$	13842	13680	1	20536
13844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^*D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^-D_s^{*+}D_s^{*-})$	13843	13681	1	20537
13845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^{*+}, \bar{B}^0 \to \pi^0\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^*K^-K^{*+}D^+)$	13844	13682	1	20538
13846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^+, \bar{B}^0 \to \pi^0\pi^0\pi^+D^0p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^0D^{*0}p\bar{\Delta}^+\bar{\Delta}^{++}\Sigma^+)$	13845	13683	1	20539
13847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^+K^*K^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^*K^-\bar{D}^{*-}D^{*0}a_1^+)$	13846	13684	1	20540
13848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+D^{*0})$	13847	13685	1	20541
13849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^{*-})$	13848	13686	1	20542
13850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-D^0)$	1933	1927	1	20543
13851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0D^+\bar{D}^0D^{*0})$	25	25	1	20544
13852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_s^+)$	13851	13689	1	20545
13853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^0\Delta^{++}\bar{\Delta}^{++})$	13852	13690	1	20546
13854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \rho^+K^*K^{*-}D^+n\bar{\Sigma}_c^-)$	13853	13691	1	20547
13855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\Delta^0\bar{\Lambda}_c^-)$	13854	13692	1	20548

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\rho^-\rho^- D^{*+}D_1'^-)$	13855	13693	1	20549
13857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to D^-\bar{\Delta}^-\Delta^0$ $(e^+e^- \to e^+\nu_e D^- D^-\bar{\Delta}^-\Delta^0)$	1935	1929	1	20550
13858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^- D^+D^-\bar{D}^0 D_s^{*+})$	13857	13695	1	20551
13859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0 D^- D^0, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^0 D^- D^0\bar{n}\Sigma_c^0)$	13858	13696	1	20552
13860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^0 D^-, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 D^-\bar{n}\Sigma_c^+)$	13859	13697	1	20553
13861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^-\bar{\Delta}^+\Sigma_c^{*++})$	13860	13698	1	20554
13862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to K^0 D^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau K^0 D^- D^{*+}\bar{D}^{*-})$	13861	13699	1	20555
13863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega D^- D^{*+})$	13862	13700	1	20556
13864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-})$	13863	13701	1	20557
13865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^- D^{*+}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \eta K^0 D^+ D^- D^{*+} n\bar{p})$	13864	13702	1	20558
13866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\bar{K}^* K^- D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^- K^0\bar{K}^* K^- D^{*+}\bar{D}^{*-} D_s^+)$	13865	13703	1	20559
13867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to K^0\Sigma^0\bar{\Xi}_c^{*0}$ $(e^+e^- \to \rho^+\omega K^0\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^{*0})$	13866	13704	1	20560
13868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- D^+ D^-\bar{\Delta}^+\Delta^{++})$	13867	13705	1	20561
13869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- K^0\bar{K}^* D^-, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^+\rho^+\rho^- K^0\bar{K}^* D^- D_2^{*+} D_s^-)$	13868	13706	1	20562
13870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*0} n\bar{\Lambda}, \bar{B}^0 \to \pi^+ K^- D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+ K^- D^- D^{*+}\bar{D}^{*0} n\bar{\Lambda})$	13869	13707	1	20563
13871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^- D^0, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0 K^+ D^- D^- D^{*+} D^0)$	13870	13708	1	20564
13872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^{*+} D^+\bar{D}^{*-} D^{*0})$	13871	13709	1	20565

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^*K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta K^*K^{*-}D^{*+}\bar{D}^{*-})$	13872	13710	1	20566
13874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^+D^-D^{*+})$	13873	13711	1	20567
13875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\eta D^+D^{*+})$	1936	1930	1	20568
13876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega D^0\bar{D}^{*0})$	13875	13712	1	20569
13877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta K^-\bar{D}^{*-})$	399	399	1	20570
13878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^0K^-D^+D^{*+}\bar{D}^{*-})$	13877	13714	1	20571
13879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}J/\psi)$	13878	13715	1	20572
13880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_SJ/\psi, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^-K_SD^{*+}J/\psi n\bar{n})$	13879	13716	1	20573
13881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\eta\omega D^+J/\psi K_1^0)$	13880	13717	1	20574
13882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Lambda}\Lambda_c^+, B^0 \to \pi^+\pi^+\rho^+\rho^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-D^-\bar{D}^{*-}\bar{\Lambda}\Lambda_c^+)$	13881	13718	1	20575
13883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}\bar{D}^{*-})$	13882	13719	1	20576
13884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^{*+}D_{s1}^-)$	13883	13720	1	20577
13885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+D^0)$	13884	13721	1	20578
13886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^+\bar{D}^{*-}D_s^{*+})$	13885	13722	1	20579
13887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\psi(3770))$	13886	13723	1	20580
13888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\rho^+D^-D^{*0}p\bar{\Delta}^+)$	13887	13724	1	20581
13889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}n\bar{p}, \bar{B}^0 \to \omega D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \omega D^+D^{*+}n\bar{p}\Sigma^-\bar{\Sigma}^0)$	13888	13725	1	20582

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \rho^0\pi^+K^-K^{*+}D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+K^-K^{*+}D^-D^-)$	13889	13726	1	20583
13891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^-D^+\bar{D}^{*-})$	1938	1932	1	20584
13892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}\gamma)$	13891	13728	1	20585
13893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0D^{*+}\bar{n}\Sigma_c^0D_{s1}'^-)$	400	400	1	20586
13894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	96	96	1	20587
13895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}D^{*0}D_s^{*-})$	13894	13731	1	20588
13896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^+D^{*+})$	13895	5271	1	20589
13897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	13896	13732	1	20590
13898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+D_2^{*-}D_s^{*+})$	13897	13733	1	20591
13899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	13898	13734	1	20592
13900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^{*0}\Xi_c^{*0}$ $(e^+e^- \to \bar{K}^0K^{*+}\bar{D}^{*-}D^0\bar{\Sigma}^{*0}\Xi_c^{*0})$	13899	13735	1	20593
13901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	13900	13736	1	20594
13902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-\gamma, B^0 \to \pi^0\pi^+\eta\omega K^0K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^0K^-D^-\bar{D}^{*0}\gamma)$	13901	13737	1	20595
13903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^-D^{*+}D^{*+})$	13902	13738	1	20596
13904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+D_1'^-)$	13903	13739	1	20597
13905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	13904	13740	1	20598
13906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*0})$	13905	13741	1	20599

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c1}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\bar{K}^0K^*K^+D^{*+}\chi_{c1})$	13906	13742	1	20600
13908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-}D_s^{*+})$	13907	13743	1	20601
13909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^*K^-K^{*+}D^+D^-\bar{D}^{*0})$	13908	13744	1	20602
13910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^-D^+D^{*+}D_{s1}'^-)$	1941	1935	1	20603
13911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\omega D^-D^{*+}D^{*0})$	13910	13746	1	20604
13912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\bar{K}^0K^*D^{*+}D_1^-)$	13911	13747	1	20605
13913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^0)$	13912	13748	1	20606
13914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega\omega K^0\bar{K}^0D^-D^{*+})$	13913	13749	1	20607
13915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0\bar{D}^{*0}\chi_{c1})$	13914	13750	1	20608
13916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\psi', B^0 \to \pi^0n\bar{\Xi}_c'^0$ $(e^+e^- \to \pi^0K_Sn\bar{\Xi}_c'^0\psi')$	13915	13751	1	20609
13917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-D^+\bar{D}^{*-})$	13916	13752	1	20610
13918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	13917	13753	1	20611
13919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^+K^+K^-K^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+K^-K^{*-}p\bar{\Xi}_c'^0)$	13918	13754	1	20612
13920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_eD^+D^-\Delta^+\bar{\Delta}^{++})$	13919	13755	1	20613
13921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^-K^*D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^*D^+D^-\bar{D}^{*0})$	13920	13756	1	20614
13922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta D^{*+}D_1^+)$	13921	13757	1	20615
13923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}D_0^{*+})$	13922	13758	1	20616

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \omega D^- D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\omega D^- D_2^{*-} D_s^{*+})$	13923	13759	1	20617
13925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^+K^-D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^-D^-D^-D^{*+})$	13924	13760	1	20618
13926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, B^0 \to \pi^0\pi^+\pi^+\rho^-K^-K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-K^-K^{*+}D^-D^-)$	13925	13761	1	20619
13927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta\omega D^+D^+)$	13926	13762	1	20620
13928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\rho^0\bar{\Delta}^0\Sigma_c^0 D_0^{*-})$	13927	13763	1	20621
13929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^+K^0K^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\eta K^0K^0K^-D^+D^0\bar{D}^0D_s^-)$	13928	13764	1	20622
13930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0D^{*0})$	13929	13765	1	20623
13931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\eta' D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\eta' D^+D^{*+})$	13930	13766	1	20624
13932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^-K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*0})$	13931	13767	1	20625
13933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+})$	13932	13768	1	20626
13934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\Delta^0\bar{p})$	13933	13769	1	20627
13935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^*K^+K^+K^-D^+\bar{D}^{*-})$	13934	13770	1	20628
13936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+p\bar{\Sigma}_c^{*--})$	13935	13771	1	20629
13937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^0)$	13936	13772	1	20630
13938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^*D^+D^{*+}\bar{D}^{*-})$	13937	13773	1	20631
13939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^0n\bar{n}D_1'^+)$	13938	13774	1	20632
13940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^+\rho^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0K^{*-}D^+\bar{D}^0)$	13939	13775	1	20633

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^0)$	13940	13776	1	20634
13942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D^-D^{*+}D_s^{*+}\gamma)$	13941	13777	1	20635
13943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^+K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-K^+K^{*-}D^+\bar{D}^{*-})$	13942	13778	1	20636
13944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega\bar{K}^0D^{*+}\bar{D}^{*-})$	13943	13779	1	20637
13945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}D_1'^+)$	13944	13780	1	20638
13946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\pi^-\eta K^*D^+D^+)$	13945	13781	1	20639
13947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+})$	13946	13782	1	20640
13948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0\bar{K}^0K^+D^+D^-\bar{D}^{*-})$	13947	13783	1	20641
13949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0D^+D^-\bar{D}^{*0})$	13948	13784	1	20642
13950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\phi\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^+K^+K^-\phi\bar{D}^{*-}D^0n\bar{\Delta}^0)$	13949	13785	1	20643
13951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^-\eta D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta D^+D^{*+}\Sigma^0\bar{\Sigma}^0)$	13950	13786	1	20644
13952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^0\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega K^0\bar{K}^*D^-D^{*+})$	13951	13787	1	20645
13953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*+})$	13952	13788	1	20646
13954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-D^0)$	13953	13789	1	20647
13955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}D_1'^-)$	13954	13790	1	20648
13956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	13955	13791	1	20649
13957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+\bar{D}^{*-}D_1^+)$	13956	13792	1	20650

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\rho^-\bar{K}^*K^+D^+D^-)$	13957	13793	1	20651
13959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\omega K^0K^-D^{*+}\bar{D}^0)$	13958	13794	1	20652
13960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \eta K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta\eta K^-D^-D^{*+}\bar{D}^{*0})$	13959	13795	1	20653
13961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^{*+}D_2^{*-}D_s^{*+})$	13960	13796	1	20654
13962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}D^{*0})$	13961	13797	1	20655
13963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{D}^0)$	13962	13798	1	20656
13964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-K^*D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-K^*D^-D_s^{*-})$	13963	13799	1	20657
13965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\eta K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta K^*\bar{K}^*D^-D^{*+})$	13964	13800	1	20658
13966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to K^{*-}D^0\bar{n}p$ $(e^+e^- \to \pi^0K^0K^{*-}D^-D^{*+}D^0\bar{n}p)$	13965	13801	1	20659
13967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\eta'D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^+\eta'D^-D^{*+})$	13966	13802	1	20660
13968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-})$	13967	13803	1	20661
13969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\omega D^{*+}\bar{D}^{*0}D_{s1}'^-)$	13968	13804	1	20662
13970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-D^+D_1'^-)$	13969	13805	1	20663
13971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	13970	13806	1	20664
13972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\eta'D^-D^{*+})$	1942	1936	1	20665
13973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta'D^{*+}\bar{D}^{*0})$	13972	13808	1	20666
13974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0D^+D_1'^-)$	13973	13809	1	20667

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+\rho^+D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^+\rho^-D^-\bar{D}^{*-})$	13974	13810	1	20668
13976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	13975	13811	1	20669
13977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^-\rho^+K^0K^-D^+$ $(e^+e^- \to \pi^-\rho^+K^0K^-K^-D^+\bar{\Delta}^+\Sigma_c^{++})$	13976	13812	1	20670
13978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*0}\bar{\Delta}^0\Sigma_c^{*+})$	13977	13813	1	20671
13979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+}D_1'^+)$	13978	4644	1	20672
13980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\eta D^-\bar{D}^{*-})$	13979	13814	1	20673
13981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^{*-}\bar{D}^{*-}D^0)$	13980	13815	1	20674
13982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_1'^-, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-D_1'^-)$	13981	13816	1	20675
13983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+D^{*+}\bar{D}^{*-})$	13982	13817	1	20676
13984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta\omega\bar{K}^0K^+D^-$ $(e^+e^- \to e^+\nu_e\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	13983	13818	1	20677
13985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\bar{p}\Sigma_c^+)$	13984	13819	1	20678
13986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\eta K^-D^+\bar{D}^{*-}\bar{D}^0)$	13985	13820	1	20679
13987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \bar{D}^{*-}a_1^+$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}a_1^+a_1^+)$	13986	13821	1	20680
13988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	13987	13822	1	20681
13989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \mu^+\nu_\mu\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^-D^-D_{s1}'^+)$	13988	13823	1	20682
13990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta D_s^{*+}D_1'^-)$	13989	13824	1	20683
13991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	13990	13825	1	20684

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
13992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^+D^{*+})$	13991	13826	1	20685
13993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+D^-D^0)$	13992	13827	1	20686
13994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\bar{K}^0\bar{K}^0K^+K^+D^{*+}\bar{D}^{*-})$	13993	13828	1	20687
13995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}D_0^{*+})$	13994	13829	1	20688
13996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+a_0^-, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*+}a_0^-)$	13995	13830	1	20689
13997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\omega K^0K^-D^+\bar{D}^0)$	13996	13831	1	20690
13998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^{*+}n\bar{\Xi}_c^{\prime 0})$	13997	13832	1	20691
13999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-D^+\bar{D}^0D_s^+)$	13998	13833	1	20692
14000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+\bar{D}^{*-}a_1^+a_1^-)$	13999	13834	1	20693
14001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^*D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+K^*D_s^-D_1^+)$	14000	13835	1	20694
14002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+)$	14001	13836	1	20695
14003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^0D_1^-)$	14002	13837	1	20696
14004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^{\prime +}, \bar{B}^0 \to \pi^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\eta\omega D^+\bar{D}^{*-}D_{s1}^{\prime +})$	14003	13838	1	20697
14005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+)$	14004	13839	1	20698
14006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\rho^-K^0K^{*-}D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\rho^-K^0K^{*-}D^{*+}D^{*+})$	14005	13840	1	20699
14007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^*K^{*-}D^+D^+D^-\bar{D}^{*0})$	14006	13841	1	20700
14008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\eta^\prime D^-\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\omega\eta^\prime D^+D^-n\bar{p}\gamma)$	14007	13842	1	20701

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-D^{*+}\bar{D}^{*-})$	14008	13843	1	20702
14010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-\omega\bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	14009	13844	1	20703
14011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\omega D^-D^{*+})$	14010	13845	1	20704
14012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	14011	13846	1	20705
14013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\omega D^{*+}D^{*+})$	14012	13847	1	20706
14014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^-$ $(e^+e^- \to e^+\nu_e K^{*+}\Delta^0\bar{\Sigma}_c^-D_1^-)$	14013	13848	1	20707
14015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^0\rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	14014	13849	1	20708
14016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^-\rho^+K^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+K^0D^{*0}D_1'^-)$	14015	13850	1	20709
14017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu X_u^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu X_u^-\bar{D}^{*-})$	14016	13851	1	20710
14018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^0)$	14017	13852	1	20711
14019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega\omega K^0\bar{K}^0D^-D^0)$	14018	13853	1	20712
14020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+D^-D^0D_s^{*-})$	14019	13854	1	20713
14021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \rho^+\eta K^+K^-D^-$ $(e^+e^- \to \rho^+\eta K^+K^+K^-D^-D^-D^{*0})$	14020	13855	1	20714
14022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega\omega D^+D^-)$	14021	13856	1	20715
14023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}p\bar{\Sigma}_c^{--}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^{*+}p\bar{\Sigma}_c^{--})$	14022	13857	1	20716
14024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\eta\omega K^+K^-D^{*0}$ $(e^+e^- \to \rho^0\eta\omega K^+K^-\bar{D}^{*-}D^{*0}D_{s1}'^+)$	14023	13858	1	20717
14025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \omega\bar{K}^0K^-K^{*+}$ $(e^+e^- \to \omega\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}D^{*0})$	1943	1937	1	20718

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^- D^{*+} n\bar{n}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^{*+} D^{*+} n\bar{n})$	14025	13859	1	20719
14027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{D}^{*-}\bar{\Delta}^- p, \bar{B}^0 \to \pi^0\bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^* D^+ D^- \bar{D}^{*-}\bar{\Delta}^- p)$	402	402	1	20720
14028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^-\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+ D^+ D^- D_s^- \Delta^{++}\bar{\Delta}^{++})$	14027	13861	1	20721
14029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^0 D^- D^{*+} D^{*+})$	14028	13862	1	20722
14030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+ D^{*+}\bar{D}^{*-})$	14029	13863	1	20723
14031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\omega K^0 K^- D^+\Delta^+\bar{\Lambda}_c^-)$	14030	13864	1	20724
14032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-\eta D^+ D^+)$	14031	13865	1	20725
14033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^{*+}\bar{D}^{*-} D_2^{*+})$	14032	13866	1	20726
14034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+ D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	14033	13867	1	20727
14035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-})$	14034	13868	1	20728
14036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to K^{*-} D^+\bar{D}^0$ $(e^+e^- \to K^{*-} D^+ D^-\bar{D}^0 D_s^{*+})$	14035	13869	1	20729
14037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+\bar{\Delta}^+\Sigma_c^+)$	14036	13870	1	20730
14038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+ K^+ D^+ D^-)$	14037	13871	1	20731
14039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	14038	13872	1	20732
14040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^- D^{*+} D_2^{*-} D_s^+)$	14039	13873	1	20733
14041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^- e^-\bar{\nu}_e\bar{\nu}_e\eta D^{*+} D^{*+})$	14040	13874	1	20734
14042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \rho^0\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0 D^- D^0)$	14041	13875	1	20735

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^- D^{*+})$	14042	13876	1	20736
14044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^- D^{*+})$	14043	13877	1	20737
14045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^*K^-D^-, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^0K^*K^-D^-D_2^{*+})$	14044	13878	1	20738
14046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta' D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\eta' D^- D^{*+})$	14045	13879	1	20739
14047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^-K^{*-}D^{*0}\chi_{c1})$	14046	13880	1	20740
14048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^-D_s^{*+})$	14047	13881	1	20741
14049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^{*-}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^{*-}\bar{D}^{*-}\bar{D}^0)$	14048	13882	1	20742
14050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-D_s^+\gamma)$	1945	1939	1	20743
14051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Sigma}^-)$	403	403	1	20744
14052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0D^+D^-D_s^{*+}a_1^-)$	14051	13885	1	20745
14053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^{*+}D_2^{*-}D_s^+)$	14052	13886	1	20746
14054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^-D^{*+})$	14053	13887	1	20747
14055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^0n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\pi^-\rho^+\bar{D}^0n\bar{p})$	14054	13888	1	20748
14056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \eta\omega\bar{K}^*K^{*+}\bar{D}^{*-}D_2^{*+}D_s^-)$	14055	13889	1	20749
14057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \bar{K}^*D^-\bar{D}^0D^{*0}a_1^+)$	14056	13890	1	20750
14058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*D^-D^0\bar{D}^{*0}D_s^+)$	14057	13891	1	20751
14059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \omega\omega\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-})$	14058	13892	1	20752

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^0 \bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+ K^* D^{*+} D^0 \bar{D}^0)$	14059	13893	1	20753
14061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^- D^-, \bar{B}^0 \to \pi^+\rho^- K^0 K^{*-} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^- K^0 K^{*-} D^+ D^-)$	14060	13894	1	20754
14062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^- \gamma\gamma, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+} a_1^- D_1'^- \gamma\gamma)$	14061	13895	1	20755
14063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\eta K^0\bar{K}^0\bar{K}^* K^+ K^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\eta K^0\bar{K}^0\bar{K}^* K^+ K^- D^-)$	14062	13896	1	20756
14064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^- K^+ K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^- K^+ K^{*-} D^+ D^- D_s^{*+})$	14063	13897	1	20757
14065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^0 K^0 \bar{K}^0 \bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^0 K^0 \bar{K}^0 D^+ \bar{D}^{*0})$	14064	13898	1	20758
14066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^0\Sigma^0\bar{\Sigma}^{*0}, B^0 \to \pi^0\pi^0\rho^+\eta' D^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta' D^- \bar{D}^0\Sigma^0\bar{\Sigma}^{*0})$	14065	13899	1	20759
14067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\omega K^0, \bar{B}^0 \to \pi^-\bar{K}^0 D^+ \bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0 \bar{K}^0 D^+ \bar{D}^0)$	14066	13900	1	20760
14068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^+\pi^- D^- D_s^+ D_s^- D_1^+)$	14067	13901	1	20761
14069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta' D^0 \bar{D}^0, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^- K^-\eta' D^{*+} D^0 \bar{D}^0 \bar{D}^{*0})$	14068	13902	1	20762
14070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\bar{D}^{*0} D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^{*+} \bar{D}^{*0} D_s^{*+})$	14069	13903	1	20763
14071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0\bar{D}^{*-} p\bar{\Lambda}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0 D^{*+} \bar{D}^{*-}\Delta^-\bar{\Delta}^0 p\bar{\Lambda})$	14070	13904	1	20764
14072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D_s^- \bar{n}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^0 D^+ D_s^- \bar{n}\Delta^{++})$	14071	13905	1	20765
14073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\eta\omega\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\eta\omega\omega D^- D^0)$	14072	13906	1	20766
14074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^0 \bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^-\rho^+\rho^- K^+ D^0 \bar{D}^0 \bar{D}^0 D^{*0})$	14073	13907	1	20767
14075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\rho^- D^{*+})$	14074	13908	1	20768
14076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ D^0 D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^0 D^{*0} D_s^-)$	14075	13909	1	20769

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^-p, \bar{B}^0 \to \omega\bar{K}^0D^+n\bar{p}$ $(e^+e^- \to \pi^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{\Delta}^-np\bar{p})$	14076	13910	1	20770
14078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^*D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\eta\omega\bar{K}^*\bar{D}^{*-}D^0)$	14077	13911	1	20771
14079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta D^+p\bar{\Lambda}_c^-)$	14078	9430	1	20772
14080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}a_1^+)$	14079	13912	1	20773
14081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\omega K^+D^{*+}p\bar{\Lambda}_c^-)$	14080	13913	1	20774
14082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+K^{*-}D^-D^{*+})$	14081	13914	1	20775
14083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+D^+D^-D_s^{*-})$	14082	13915	1	20776
14084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D_1^+, \bar{B}^0 \to \eta D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-\eta D^{*+}D_s^{*-}D_1^+)$	14083	13916	1	20777
14085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \omega K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	14084	13917	1	20778
14086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\bar{D}^{*-}D^{*0})$	14085	13918	1	20779
14087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta D^+\bar{D}^{*-}n\bar{n})$	14086	13919	1	20780
14088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*\eta_c, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta K^*D^{*+}\eta_c)$	14087	13920	1	20781
14089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+D^-)$	14088	13921	1	20782
14090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^-)$	14089	13922	1	20783
14091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\Delta^-\bar{n})$	14090	13923	1	20784
14092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0f_0(980), \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0D^{*+}D_s^{*-}f_0(980))$	14091	13924	1	20785
14093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta\eta D^+D^-)$	14092	13925	1	20786

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^- D_s^+\psi')$	14093	13926	1	20787
14095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^0 D^+ D^+\bar{D}^{*-})$	14094	13927	1	20788
14096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^- D^{*+}\bar{D}^0 D_s^{*+})$	14095	13928	1	20789
14097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}\bar{D}^{*-})$	14096	13929	1	20790
14098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+ n\bar{n}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta\eta D^+\bar{D}^{*-}n\bar{n})$	1947	1941	1	20791
14099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to \pi^+\rho^- K^0 K^- D^+$ $(e^+e^- \to \pi^+\rho^- K^0 K^+ K^- D^+ D^- D^0)$	14098	13931	1	20792
14100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^-\bar{D}^0 D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta K^- K^- K^{*+}\bar{D}^{*-}\bar{D}^0 D^{*0})$	14099	13932	1	20793
14101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0 K^- D^+ D^{*+})$	1948	1942	1	20794
14102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^0 D^{*0} D_s^{*+})$	14101	13934	1	20795
14103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*0})$	14102	13935	1	20796
14104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^* K^+ D^+\bar{D}^{*-} D_s^-)$	14103	13936	1	20797
14105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-\gamma\gamma, B^0 \to \pi^0\pi^0\pi^+\bar{K}^0 K^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{K}^0 K^* D^-\bar{D}^{*-}\gamma\gamma)$	14104	13937	1	20798
14106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0 D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0\bar{K}^0\bar{D}^{*-} D^0)$	14105	13938	1	20799
14107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+ D_1'^-)$	14106	13939	1	20800
14108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\rho^- D^{*+} D_1^+)$	1949	1943	1	20801
14109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0 K^- D^{*+}\bar{D}^{*0} n\bar{\Sigma}_c^0)$	14108	13940	1	20802
14110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\eta D^{*+}\bar{D}^{*-})$	14109	9390	1	20803

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c(2S)$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*0}\bar{n}\Delta^0\eta_c(2S))$	14110	13941	1	20804
14112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-})$	14111	13942	1	20805
14113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^-\eta D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\eta K^*D^-D^{*+}D^{*+}\bar{D}^0)$	14112	13943	1	20806
14114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to \rho^-\bar{K}^0K^-K^{*+}\bar{D}^{*0}D_s^{*+}\eta_c)$	14113	13944	1	20807
14115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\eta K^0\bar{K}^*K^+K^-D^+D^-\bar{D}^{*0})$	14114	13945	1	20808
14116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	1950	1944	1	20809
14117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	14116	13947	1	20810
14118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^{*-}D^+D^{*+}\bar{D}^{*-})$	14117	13948	1	20811
14119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	14118	13949	1	20812
14120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\eta\bar{D}^{*-}\bar{D}^{*-})$	14119	13950	1	20813
14121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\bar{K}^*\bar{\Lambda}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*D^-\bar{\Lambda}\Lambda_c^+)$	14120	13951	1	20814
14122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^0\bar{K}^0D^+p\bar{\Sigma}_c^-)$	14121	13952	1	20815
14123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\eta\omega D^+\bar{D}^{*-})$	14122	13953	1	20816
14124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1'^0$ $(e^+e^- \to \mu^+\nu_\mu J/\psi D_0^{*-}\bar{K}_1'^0)$	14123	13954	1	20817
14125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0D_s^-n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+K^0D^{*+}D_s^-n\bar{n})$	14124	13955	1	20818
14126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega\omega\bar{K}^0K^{*+}D^+\bar{D}^0)$	1951	1945	1	20819
14127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*-})$	14126	13957	1	20820

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^+K^-\eta' D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^- K^+K^-\eta' D^{*+}D^{*0})$	14127	13958	1	20821
14129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}D_s^+)$	14128	13959	1	20822
14130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+K^{*-}D^-D^{*+}\bar{D}^{*-})$	14129	13960	1	20823
14131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	14130	13961	1	20824
14132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\bar{K}^0 D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\bar{K}^0\bar{K}^0 D^-D_s^{*+})$	14131	13962	1	20825
14133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*\bar{D}^{*0}, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*D_2^{*+}\bar{D}^{*0}\gamma)$	14132	13963	1	20826
14134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0)$	14133	13964	1	20827
14135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^-D^{*+})$	14134	2459	1	20828
14136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^-K^0D_2^{*+}\bar{D}^0D^{*0})$	14135	13965	1	20829
14137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^-, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0K^*D_s^+D_s^-\bar{n}\Sigma_c^0)$	14136	13966	1	20830
14138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta K^+D^+\bar{D}^0D^{*0})$	14137	13967	1	20831
14139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\bar{D}^{*0}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0\Sigma^-\bar{\Sigma}_c^{*0})$	14138	13968	1	20832
14140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^-\bar{K}^0\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0\bar{D}^0D_s^+\bar{n}p)$	14139	13969	1	20833
14141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0D^+D^-\bar{D}^0)$	14140	13970	1	20834
14142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	1952	1946	1	20835
14143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^-D^{*+}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \pi^-K^{*+}D^-D^{*+}D^{*+}a_1^-\gamma)$	14142	13972	1	20836
14144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^{*-}D^+D^-)$	14143	13973	1	20837

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^{*+} D^0 \bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- K^{*+} D^0 \bar{D}^0 D^{*0})$	14144	13974	1	20838
14146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ \bar{D}^{*-} p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+ D^{*+} \bar{D}^{*-} p\bar{p})$	14145	13975	1	20839
14147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^{*+} \bar{D}^{*-}, B^0 \to \rho^0\pi^+\omega D^-$ $(e^+e^- \to \rho^0\pi^+\omega K^0 D^- D^{*+} \bar{D}^{*-})$	14146	13976	1	20840
14148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^+ D^-)$	14147	8041	1	20841
14149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^- K^{*-} D^{*+} p\bar{\Lambda}$ $(e^+e^- \to \rho^0\pi^+\pi^- K^{*-} D^{*+} \bar{D}^{*-} p\bar{\Lambda})$	14148	13977	1	20842
14150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 K^- D_s^{*+}, \bar{B}^0 \to \pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \rho^0\pi^- K^- D^{*+} D_s^{*+} n\bar{n})$	14149	13978	1	20843
14151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^- \bar{\Delta}^0 \Sigma_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- \bar{D}^{*-} \bar{\Delta}^0 \Sigma_c^{*+})$	14150	13979	1	20844
14152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- D^{*+} \bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- D^{*+} D^{*+} \bar{D}^0)$	14151	13980	1	20845
14153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega D^{*+} \bar{D}^{*-} D_s^{*+})$	14152	13981	1	20846
14154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- \bar{n}p, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^- D^+ D^- D_s^{*-} \bar{n}p)$	14153	13982	1	20847
14155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega \bar{D}^{*-}, \bar{B}^0 \to \rho^-\rho^- \bar{K}^0 K^+ D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\rho^-\omega \bar{K}^0 K^+ D^+ \bar{D}^{*-})$	14154	13983	1	20848
14156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^-\omega K^{*+} D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^-\omega K^{*+} D^{*+} D^{*+})$	14155	13984	1	20849
14157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^- \bar{\Delta}^0 \Sigma_c^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^- D_s^{*+} \bar{\Delta}^0 \Sigma_c^{*+})$	14156	13985	1	20850
14158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D_0^{*+} D_{s1}'^+)$	14157	13986	1	20851
14159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \pi^0 \bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 \bar{K}^0 K^{*+} D^- \bar{D}^{*-})$	14158	13987	1	20852
14160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 J/\psi, \bar{B}^0 \to D^{*+} a_1^-\gamma$ $(e^+e^- \to \pi^+\pi^- K^0 D^{*+} J/\psi a_1^-\gamma)$	14159	13988	1	20853
14161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^+ \Delta^0 \bar{\Sigma}_c^0)$	1953	1947	1	20854

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^- D^0 p\bar{\Sigma}_c^0)$	14161	13990	1	20855
14163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^- D^- D^{*+} D_s^{*+})$	14162	13991	1	20856
14164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Xi_c'^0$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}\bar{\Lambda}\Xi_c'^0 D_{s1}'^+)$	14163	13992	1	20857
14165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^*\bar{K}^* K^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\omega\omega\bar{K}^*\bar{K}^* K^{*+} D^-)$	14164	13993	1	20858
14166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^-\eta' D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta' D^+ D^-\bar{D}^0 D_s^{*+})$	14165	13994	1	20859
14167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0 D_1^-\chi_{c0})$	14166	13995	1	20860
14168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+ D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+ D^0\bar{D}^{*0})$	14167	13996	1	20861
14169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0 K^+ D^+\bar{D}^{*-} D^{*0} D_s^-)$	14168	13997	1	20862
14170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\eta_c, \bar{B}^0 \to \pi^+ K^{*-} D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^{*-} D^0\bar{D}^{*0}\eta_c)$	14169	13998	1	20863
14171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*0})$	14170	13999	1	20864
14172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \pi^-\rho^+\eta\bar{K}^*$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^* D^-)$	14171	14000	1	20865
14173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c1}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta\eta K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta K^0 K^* K^- D^+\chi_{c1})$	14172	14001	1	20866
14174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega\bar{K}^* K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega\bar{K}^* K^+ K^+ K^- D^- D^{*+} D^{*0})$	14173	14002	1	20867
14175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^- D^+ D_2^{*-} D_s^- D_s^{*+})$	97	97	1	20868
14176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^* D^{*0}, \bar{B}^0 \to \rho^+ K^-\eta_c$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^* K^- D^{*0}\eta_c)$	14175	14003	1	20869
14177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta'\eta_c, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\eta' D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0\eta'\eta' D^0\eta_c)$	14176	14004	1	20870
14178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^{*+} D^{*+})$	14177	14005	1	20871

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\rho^+\rho^-D^+\bar{D}^{*-}n\bar{p})$	14178	14006	1	20872
14180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, B^0 \to \pi^0\pi^-K^{*+}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-K^{*+}D^{*0}\bar{D}^{*0}D_0^{*-})$	1955	1949	1	20873
14181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	14180	14008	1	20874
14182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^0D^+D^-D^{*+})$	1956	1950	1	20875
14183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega K^0D^+\bar{D}^0)$	14182	14010	1	20876
14184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega K^{*+}D^{*+}\eta_c)$	14183	14011	1	20877
14185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^0D^{*+}\eta_c)$	14184	14012	1	20878
14186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^+D^+\bar{D}^{*-}D^{*0})$	14185	14013	1	20879
14187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^+K^-D^-D^{*+}D_s^{*-})$	14186	14014	1	20880
14188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	14187	14015	1	20881
14189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\eta\omega\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\omega\omega D_2^{*-}D^{*0}D_s^{*+}\gamma)$	14188	14016	1	20882
14190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+K^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^0\bar{n}p)$	14189	14017	1	20883
14191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-D^-D^{*+}D_s^{*+})$	14190	14018	1	20884
14192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\rho^-\bar{K}^0D^{*+}D^{*+}a_1^-)$	14191	14019	1	20885
14193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^0D_s^{*-})$	14192	14020	1	20886
14194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+D^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^+D^+D^-\bar{D}^{*-})$	14193	14021	1	20887
14195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\bar{K}^*K^+K^{*+}D^{*+}\bar{D}^{*-})$	14194	14022	1	20888

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-D^0\bar{D}^{*0}p\bar{\Sigma}_c^{*-})$	14195	14023	1	20889
14197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	14196	14024	1	20890
14198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega K^+D^+\bar{D}^{*-}D^{*0})$	14197	14025	1	20891
14199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}D_s^+n\bar{p})$	14198	14026	1	20892
14200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta' D^-, \bar{B}^0 \to \pi^0\rho^-\eta\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\bar{K}^0\eta' D^-D^{*+})$	1957	1951	1	20893
14201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+K^-D^{*+}D^{*+})$	1958	1952	1	20894
14202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_2^{*+})$	14201	14029	1	20895
14203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^+D^-\bar{D}^{*-}D^{*0})$	14202	14030	1	20896
14204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-K^+J/\psi, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \rho^0\rho^-K^+D^{*+}J/\psi a_1^-\gamma)$	14203	14031	1	20897
14205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\omega K^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^{*-}D^+D_{s1}'^-)$	14204	14032	1	20898
14206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^*D^-D^0J/\psi K_1^0)$	1959	1953	1	20899
14207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*D_s^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^*D_s^+D_0^{*-})$	14206	14034	1	20900
14208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	1960	1954	1	20901
14209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{D}^{*-}D_2^{*+}D_s^{*-})$	14208	14036	1	20902
14210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	14209	11578	1	20903
14211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\omega D^{*+}D_2^{*+}D_s^-)$	14210	14037	1	20904
14212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0\pi^-K^+\bar{D}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta K^+\bar{D}^{*-}\bar{D}^0)$	14211	14038	1	20905

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	14212	14039	1	20906
14214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*+}\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\pi^+D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^{++})$	14213	14040	1	20907
14215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c2}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0\chi_{c2}\bar{\Delta}^+\Sigma_c^{++})$	14214	14041	1	20908
14216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\omega\bar{K}^0\bar{D}^{*-})$	14215	14042	1	20909
14217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-}D^0)$	14216	14043	1	20910
14218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	14217	14044	1	20911
14219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^-\omega D^+n\bar{n}$ $(e^+e^- \to e^+\nu_eX_u^-\pi^-\omega D^+n\bar{n})$	14218	14045	1	20912
14220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^0D_s^{*+})$	14219	14046	1	20913
14221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+D^-D_1^+)$	14220	14047	1	20914
14222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	14221	144	1	20915
14223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+K^0D^+\bar{D}^{*-}D^0a_1^-)$	14222	14048	1	20916
14224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+K^0\bar{K}^0D^-D^{*+}a_1^-)$	14223	14049	1	20917
14225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega\bar{K}^0D^+D^-\bar{D}^0)$	14224	14050	1	20918
14226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+D^-D^{*+})$	14225	14051	1	20919
14227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+K^{*-}D^-D^0\bar{D}^0n\bar{n})$	14226	14052	1	20920
14228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^{*-}D^{*+}$ $(e^+e^- \to \omega K^{*-}D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	14227	14053	1	20921
14229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0D^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-K^0D_2^{*+}\bar{D}^0D^{*0}D_s^-)$	14228	14054	1	20922

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\omega D^{*+}\bar{D}^{*-})$	14229	14055	1	20923
14231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \eta K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^0\bar{K}^*\bar{D}^0D_s^+)$	14230	14056	1	20924
14232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-})$	14231	14057	1	20925
14233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}D^{*+}\bar{D}^{*-})$	14232	14058	1	20926
14234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\rho^+D^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega\omega D^{*+}D^{*0})$	14233	14059	1	20927
14235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^*K^-K^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-K^*K^-K^{*+}D^{*+})$	14234	14060	1	20928
14236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta D^-D^{*+}a_1^+)$	1961	1955	1	20929
14237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{n}\Lambda$ $(e^+e^- \to \pi^+\pi^-\eta D_2^{*-}D_s^{*+}\bar{n}\Lambda)$	14236	14062	1	20930
14238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\eta\bar{D}^{*-}D^0D_s^{*-})$	14237	14063	1	20931
14239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0D^{*0})$	14238	14064	1	20932
14240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	14239	14065	1	20933
14241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*-}a_1^+)$	14240	14066	1	20934
14242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	14241	14067	1	20935
14243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^0\rho^+\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^+\eta\omega D^-\bar{D}^{*-}D_{s1}'^+)$	14242	14068	1	20936
14244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\rho^+\rho^-D^+D^-)$	14243	14069	1	20937
14245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^+\bar{D}^{*0}D_s^-)$	14244	14070	1	20938
14246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^*K^-D^+D^-D_s^+)$	14245	14071	1	20939

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^0, \bar{B}^0 \to K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^- K^- K^{*+} D^+ D^0 \bar{D}^{*0})$	14246	14072	1	20940
14248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+ K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^{*0})$	14247	14073	1	20941
14249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^{*+} \bar{D}^{*-} D_s^{*-})$	14248	14074	1	20942
14250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to D^+\Lambda\bar{\Lambda}_c^-$ $(e^+e^- \to \rho^+ D^+ D^- \Lambda\bar{\Lambda}_c^-)$	14249	14075	1	20943
14251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 D^- D_s^+ J/\psi)$	14250	14076	1	20944
14252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \omega K^0 \bar{D}^0 D^{*0}$ $(e^+e^- \to e^+\nu_e\omega K^0 \bar{D}^{*-} \bar{D}^0 D^{*0})$	14251	14077	1	20945
14253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^* D^{*+} \bar{\Delta}^0\Sigma_c^0)$	14252	14078	1	20946
14254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^- D_2^{*+})$	14253	14079	1	20947
14255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\omega D^+ n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\omega D^+ D^{*+} n\bar{p})$	14254	14080	1	20948
14256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^- D^+ D^{*+})$	14255	14081	1	20949
14257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+ K^- D^+ D^- \bar{D}^{*0})$	14256	14082	1	20950
14258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta D^+ \bar{D}^{*-} D_s^+\gamma)$	14257	14083	1	20951
14259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+\psi', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^+ D^{*+}\psi')$	14258	14084	1	20952
14260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-} D_1'^+)$	14259	14085	1	20953
14261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^- K^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^- K^0 K^+\bar{D}^{*-} D^{*0})$	14260	14086	1	20954
14262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^+\bar{D}^{*-})$	14261	14087	1	20955
14263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+} D^{*+} \Delta^0\bar{\Sigma}_c^-)$	14262	14088	1	20956

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S J/\psi, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K_S K^{*-}D^+\bar{D}^0 J/\psi)$	14263	14089	1	20957
14265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+D^+D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-\omega K^+D^+D^+D^-a_1^-)$	14264	14090	1	20958
14266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^-D^{*+})$	14265	3032	1	20959
14267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^{*-}n\bar{n}\gamma)$	14266	14091	1	20960
14268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-D^0)$	14267	14092	1	20961
14269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-\bar{n}p)$	14268	14093	1	20962
14270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, B^0 \to \pi^0\rho^0\rho^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0)$	14269	14094	1	20963
14271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	14270	14095	1	20964
14272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+\bar{D}^{*-}D^{*0}D_0^{*+})$	14271	14096	1	20965
14273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta K^{*+}\bar{D}^0, \bar{B}^0 \to \eta\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta\eta\bar{K}^*K^{*+}D^0\bar{D}^0)$	14272	14097	1	20966
14274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^0D_1^-)$	14273	14098	1	20967
14275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0D^-D^{*+})$	1962	1956	1	20968
14276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\eta'D^-D^{*0})$	14275	14100	1	20969
14277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to K^-D^+$ $(e^+e^- \to K^-D^+\bar{D}^{*-}a_1^+\gamma)$	14276	14101	1	20970
14278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to D_2^{*-}D_s^+$ $(e^+e^- \to D^-D_2^{*-}D_s^+a_1^+)$	14277	14102	1	20971
14279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0K^0K^0K^-D^+D^-D^{*+})$	14278	14103	1	20972
14280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s0}^{*-}, \bar{B}^0 \to \pi^+\rho^-K^0\bar{K}^*\eta'D^{*0}$ $(e^+e^- \to \pi^+\rho^-K^0\bar{K}^*\eta'D^+D^{*0}D_{s0}^{*-})$	14279	14104	1	20973

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*0})$	14280	14105	1	20974
14282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ D^{*+} D^0 D_s^{*-})$	14281	14106	1	20975
14283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega D^+\bar{D}^0)$	14282	14107	1	20976
14284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\eta_c, \bar{B}^0 \to \pi^- K^- K^{*+} D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^0 K^- K^{*+} D^{*+}\eta_c)$	14283	14108	1	20977
14285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^{*+} D^{*0}, \bar{B}^0 \to \pi^0\rho^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta K^{*+} D^0 D^{*0} D_s^-)$	14284	14109	1	20978
14286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^* K^+ K^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta K^* K^+ K^{*-} D^+)$	14285	14110	1	20979
14287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \rho^0\pi^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \rho^0\pi^- K^0\bar{K}^0 D^{*+}\bar{D}^{*-} a_1^+)$	14286	14111	1	20980
14288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega D^0 n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-} D^0 n\bar{n})$	14287	14112	1	20981
14289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\eta\omega K^* D^+ D^{*0}\bar{D}^{*0})$	14288	14113	1	20982
14290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	14289	14114	1	20983
14291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^+ D_s^{*-} D_1'^-)$	14290	14115	1	20984
14292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^- p\bar{p}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^- D^{*+} D_s^{*-} p\bar{p})$	14291	14116	1	20985
14293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{K}^* K^+ D^- D^0 D_s^-)$	14292	14117	1	20986
14294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \omega\bar{K}^* K^- D^{*+} n\bar{\Sigma}_c^{*0})$	14293	14118	1	20987
14295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}, \bar{B}^0 \to \rho^0\pi^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^- D^+ D^+\bar{D}^0 D_s^{*-})$	14294	14119	1	20988
14296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^{*+} K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^{*+} K^{*-} D^+\bar{D}^{*0})$	14295	14120	1	20989
14297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^- K^{*-} D^{*+}\bar{n}p$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^{*-} D^{*+}\bar{D}^{*-}\bar{n}p)$	1963	1957	1	20990

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+D^{*+}\Delta^0\bar{\Delta}^+)$	14297	14122	1	20991
14299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0\bar{K}^0K^+D^-D^-D^{*+})$	14298	14123	1	20992
14300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^*\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta K^*D^{*+}\bar{D}^{*-})$	14299	14124	1	20993
14301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega\eta'D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\eta'D^+D^-D_s^{*-})$	14300	14125	1	20994
14302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-D^+D^-)$	14301	14126	1	20995
14303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\eta K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^*K^+K^-D^+\bar{D}^{*-}D^0)$	14302	14127	1	20996
14304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{D}^{*-}D_2^{*+}D_s^{*-}\gamma)$	14303	14128	1	20997
14305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\Delta^-\bar{n})$	14304	14129	1	20998
14306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^{*+}\gamma)$	14305	14130	1	20999
14307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to K^0K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\omega K^0K^*\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	14306	14131	1	21000
14308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{p}\Sigma_c^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^-D^+\bar{p}\Sigma_c^{++})$	14307	14132	1	21001
14309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0K^+K^-D^+D^-)$	14308	14133	1	21002
14310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to K^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to \rho^-K^+K^-\bar{D}^0D^{*0}\bar{n}\Sigma_c^{*+})$	14309	14134	1	21003
14311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^{*0})$	14310	14135	1	21004
14312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	14311	14136	1	21005
14313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta'D^{*+}n\bar{\Sigma}_c^0)$	14312	14137	1	21006
14314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0)$	14313	14138	1	21007

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 \bar{K}^0 K^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^- K^0 \bar{K}^0 K^+ D^{*+})$	14314	14139	1	21008
14316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L \eta_c, \bar{B}^0 \to \pi^0 K^* K^- D^+$ $(e^+e^- \to \pi^0 K_L K^* K^- D^+ \eta_c)$	14315	14140	1	21009
14317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \rho^- K^0 \bar{K}^0 D^+$ $(e^+e^- \to \rho^- K^0 \bar{K}^0 D^+ D^- a_1^+)$	14316	14141	1	21010
14318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^- D^0)$	14317	14142	1	21011
14319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^0 \bar{D}^0, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to K^* D^+ D^0 \bar{D}^0 D_s^-)$	14318	14143	1	21012
14320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e \pi^0\pi^+ D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^+ D^{*0})$	14319	14144	1	21013
14321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 n \bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \pi^0\rho^-\omega K^+ K^- D^+$ $(e^+e^- \to \pi^0\rho^-\omega \bar{K}^0 K^+ K^- D^+ n \bar{\Xi}_c^{\prime 0})$	1964	1958	1	21014
14322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^- \gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e \rho^+ D^+ D^- \gamma)$	14321	14146	1	21015
14323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}, \bar{B}^0 \to \pi^0\pi^- \bar{K}^0 K^* D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^- \bar{K}^0 K^* D^{*+} D_2^{*+})$	14322	14147	1	21016
14324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \pi^0\rho^+\eta' D^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^- \pi^0\rho^+\eta' D^-)$	1965	1959	1	21017
14325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0 K^0 D^+ D^{*+} \bar{D}^{*-})$	14324	14149	1	21018
14326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega K^0 \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^0 D^+ \bar{D}^{*-} D_s^{*-})$	14325	14150	1	21019
14327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta K^0 \bar{K}^0 \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^0 \bar{K}^0 \bar{K}^* \bar{D}^{*-} J/\psi)$	14326	14151	1	21020
14328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to K^{*-} D^+ D^{*+} \bar{D}^{*0} D_s^{*-})$	14327	14152	1	21021
14329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^- D^{*+})$	14328	14153	1	21022
14330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- \bar{D}^{*0} D_s^{*+}, \bar{B}^0 \to K^* K^{*-} D^{*+}$ $(e^+e^- \to \rho^- K^* K^{*-} D^{*+} \bar{D}^{*0} D_s^{*+})$	1966	1960	1	21023
14331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^*, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^+\pi^+\pi^-\pi^- K^* D^{*+})$	14330	14155	1	21024

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}D^{*0}D_s^{*-})$	14331	14156	1	21025
14333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^{*-})$	14332	14157	1	21026
14334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-K^+\eta'D^+D^-D^{*0})$	14333	14158	1	21027
14335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-})$	14334	14159	1	21028
14336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c2}, \bar{B}^0 \to \pi^-\eta'D^+n\bar{n}$ $(e^+e^- \to \pi^-\pi^-K^+\eta'D^+\chi_{c2}n\bar{n})$	14335	14160	1	21029
14337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-K^-D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\rho^-K^-\bar{D}^{*-}D_s^+)$	1967	1961	1	21030
14338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^0K^-\phi D_s^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^0K^0K^-\phi D^{*+}D_s^{*-})$	14337	14162	1	21031
14339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta K^0K^-D^{*+}D_2^{*-})$	14338	14163	1	21032
14340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta K^{*+}\eta'D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\eta K^{*+}K^{*-}\eta'D^-D^{*+}\bar{D}^{*0})$	14339	14164	1	21033
14341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+D_s^-, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \rho^0\rho^0\rho^-\omega\omega K^0D^+D^+D_s^-)$	14340	14165	1	21034
14342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\omega D^+D^{*+})$	14341	14166	1	21035
14343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^*D^{*+}D^{*+}\bar{D}^{*-})$	14342	14167	1	21036
14344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0, \bar{B}^0 \to \pi^+\pi^-\eta\omega\bar{K}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^0)$	14343	14168	1	21037
14345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-\bar{\Delta}^0\Xi_c^+)$	14344	14169	1	21038
14346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta K^+K^-D^-D^0)$	14345	14170	1	21039
14347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-K^{*+}D^+D^-D^0)$	14346	14171	1	21040
14348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^0K^{*+}D^-D_2^{*+})$	14347	14172	1	21041

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to \mu^+\nu_\mu D^+D_1^-D_{s1}^-)$	1968	1962	1	21042
14350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\rho^+D^+D_2^{*-}D_s^-)$	14349	14174	1	21043
14351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^+\bar{p}\Xi_c^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\omega D^-\bar{p}\Xi_c^0)$	14350	14175	1	21044
14352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^0\pi^+K^0D^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^0D^-D^0D_1'^-)$	14351	14176	1	21045
14353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-\phi D^+$ $(e^+e^- \to e^+\nu_eK^-\phi D^+\bar{D}^{*-})$	14352	14177	1	21046
14354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-K^+D^+\bar{D}^{*-}D^0D_s^-)$	14353	14178	1	21047
14355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\pi^-D^+\bar{D}^{*0}D_s^{*+})$	14354	14179	1	21048
14356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0D^+\bar{D}^{*-})$	14355	14180	1	21049
14357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+K^+D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^+K^+D^-D^{*+})$	14356	14181	1	21050
14358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	14357	14182	1	21051
14359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^+K^{*-}D^-D^{*+})$	1969	1963	1	21052
14360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-}D_{s1}^+)$	14359	14184	1	21053
14361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	14360	14185	1	21054
14362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\rho^-\eta D_2^{*+})$	14361	14186	1	21055
14363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^0\pi^+K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+K^+K^-D^-D^-)$	14362	14187	1	21056
14364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^+\eta\omega\omega D^-$ $(e^+e^- \to \pi^+\eta\omega\omega D^-D_2^{*-}D_s^+)$	14363	14188	1	21057
14365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-K^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^+K^{*-}D^+D^-\bar{D}^0)$	14364	14189	1	21058

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^- D^+ D_s^+ D_1^-)$	14365	14190	1	21059
14367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	14366	14191	1	21060
14368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e X_u^- K^0K^-D^{*+})$	14367	14192	1	21061
14369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta' D^{*+}\bar{D}^{*-}D_s^{*+})$	14368	14193	1	21062
14370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\pi^-\rho^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^-\eta\bar{K}^0K^+D^+\bar{D}^0D_s^+)$	14369	14194	1	21063
14371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^*D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0K^*\bar{K}^*D^+D^-)$	14370	14195	1	21064
14372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^0)$	14371	14196	1	21065
14373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Lambda}$ $(e^+e^- \to e^+\nu_e D^0\Lambda\bar{\Lambda}D_0^{*-})$	14372	14197	1	21066
14374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^+\bar{p}\Sigma_c^0, \bar{B}^0 \to \pi^-\pi^-D^+\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\bar{p}\bar{p}\Delta^{++}\Sigma_c^0)$	14373	14198	1	21067
14375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}D_s^{*+})$	14374	6387	1	21068
14376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0D^+\bar{D}^0, \bar{B}^0 \to K^0K^{*-}\eta' D^+$ $(e^+e^- \to \pi^-\eta K^0K^0K^{*-}\eta' D^+D^+\bar{D}^0)$	14375	14199	1	21069
14377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^+\bar{n}\Sigma^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{n}\Sigma^{*-}D_1^-)$	14376	14200	1	21070
14378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-})$	14377	14201	1	21071
14379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0\bar{D}^{*-}D^{*0})$	14378	14202	1	21072
14380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D_1^+D_1^-)$	14379	14203	1	21073
14381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+D^-n\bar{n}$ $(e^+e^- \to \pi^+K^+D^-\bar{D}^{*-}D^{*0}n\bar{n})$	14380	14204	1	21074
14382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+K^*K^-D^+D^{*+})$	1970	1964	1	21075

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*0})$	14382	14205	1	21076
14384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \omega\bar{K}^*K^+D^+D^-D^-D^{*0})$	14383	14206	1	21077
14385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta\omega D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega D^-\bar{D}^{*0})$	14384	14207	1	21078
14386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta K^0D^+\bar{p}\Lambda$ $(e^+e^- \to e^+\nu_e\eta K^0D^+\bar{D}^{*-}\bar{p}\Lambda)$	14385	14208	1	21079
14387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-K_S\bar{D}^{*-}J/\psi\bar{\Delta}^+\Delta^{++})$	14386	14209	1	21080
14388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^+K^-D^{*+}D^{*+}a_1^-)$	14387	14210	1	21081
14389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-\bar{D}^{*-})$	14388	14211	1	21082
14390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0\bar{K}^*\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	14389	14212	1	21083
14391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^{*+}D^+\bar{D}^{*-}D_s^{*-})$	14390	14213	1	21084
14392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega D^-D^-)$	14391	14214	1	21085
14393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-D^{*+}D_{s1}'^-)$	14392	14215	1	21086
14394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\rho^+D_2^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	14393	14216	1	21087
14395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^+\eta K^{*+}K^{*-}D^-$ $(e^+e^- \to \pi^+\eta\bar{K}^0K^+K^{*+}K^{*-}D^-\bar{D}^{*-})$	14394	14217	1	21088
14396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	14395	14218	1	21089
14397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^+D_s^-)$	14396	14219	1	21090
14398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\bar{D}^0D^{*0}, B^0 \to \pi^0\omega K^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\omega K^0K^0\bar{D}^0D^{*0}\bar{D}^{*0})$	14397	14220	1	21091
14399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}n\bar{n})$	14398	14221	1	21092

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\chi_{c1})$	14399	14222	1	21093
14401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^{*+}a_1^-)$	14400	14223	1	21094
14402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^-D^{*+})$	14401	526	1	21095
14403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0)$	14402	14224	1	21096
14404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^{*+}p\bar{\Sigma}_c^-)$	1971	1965	1	21097
14405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-K^0K^-D^+\bar{D}^{*-})$	14404	14226	1	21098
14406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\psi', \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K_SD^+\psi')$	14405	14227	1	21099
14407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*+}D_s^{*-})$	14406	14228	1	21100
14408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^{*+}D_0^{*-})$	14407	14229	1	21101
14409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	14408	14230	1	21102
14410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^+\rho^+\rho^-D^-$ $(e^+e^- \to e^+\nu_e\rho^+\rho^+\rho^-D^-\bar{D}^{*-})$	14409	14231	1	21103
14411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^0D_s^{*+})$	14410	14232	1	21104
14412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\psi(3770), \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^-K^+D^{*+}a_1^-\psi(3770))$	14411	14233	1	21105
14413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	14412	14234	1	21106
14414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+K^-D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+K^-D^+D^-D^-)$	14413	14235	1	21107
14415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^*J/\psi, B^0 \to \pi^0\rho^0\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega K^*D^-J/\psi)$	14414	14236	1	21108
14416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^-\rho^-\bar{K}^*K^{*+}D^+D^-D_s^+)$	14415	14237	1	21109

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^* D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^- D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* D^+ D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^+)$	1972	1966	1	21110
14418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- K^0 D^+ D^{*+}\bar{D}^0)$	14417	14239	1	21111
14419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega D^+\bar{D}^{*-})$	14418	14240	1	21112
14420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{\Delta}^0\Sigma_c^+ D_1^-)$	14419	14241	1	21113
14421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+ K^* D^+\bar{D}^{*-} D^0 D_s^-)$	14420	14242	1	21114
14422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^* D_s^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^* D^+ D_s^-)$	14421	14243	1	21115
14423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^* D^+ D^- D^-)$	14422	14244	1	21116
14424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^* D^-)$	14423	14245	1	21117
14425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^- D^+ D_1'^+)$	14424	14246	1	21118
14426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- K^+\bar{D}^{*-} D^{*0} D^{*0})$	14425	14247	1	21119
14427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta, \bar{B}^0 \to K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0 K^{*-} D^{*+})$	14426	14248	1	21120
14428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^- D^{*0} p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-} D^{*0} p\bar{p})$	14427	14249	1	21121
14429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega D^+ D^-)$	1973	1967	1	21122
14430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{n}\Delta^0, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^+\bar{D}^{*-} D_2^{*+} D_s^-\bar{n}\Delta^0)$	14429	14251	1	21123
14431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+ D^- D^0, \bar{B}^0 \to \pi^0\rho^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\rho^-\eta K^+ K^- K^{*+} D^+ D^- D^0)$	14430	14252	1	21124
14432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{K}^* K^+\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^-\bar{K}^* K^+ D^{*+}\bar{D}^0 D_s^-)$	14431	14253	1	21125
14433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\eta' D^- D^{*+})$	14432	14254	1	21126

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\rho^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^-D^+D^{*+}p\bar{p}a_1^-)$	14433	14255	1	21127
14435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0}D_{s1}'^-)$	14434	14256	1	21128
14436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0K^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^+K^{*-}D^0D_s^-D_s^{*+})$	14435	14257	1	21129
14437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+D^-\bar{n}p)$	14436	14258	1	21130
14438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-})$	14437	14259	1	21131
14439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0)$	14438	14260	1	21132
14440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta K^*D^-D^{*+}D^{*+})$	14439	14261	1	21133
14441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-\omega D^0, \bar{B}^0 \to \pi^-\eta D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^{*+}D^0n\bar{n})$	14440	14262	1	21134
14442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^+D^-D^{*+})$	14441	14263	1	21135
14443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\omega D^+\bar{D}^{*-})$	14442	14264	1	21136
14444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-D^{*+}D^{*0})$	14443	14265	1	21137
14445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	14444	14266	1	21138
14446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}D_2^{*+})$	405	405	1	21139
14447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	14446	14268	1	21140
14448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	14447	14269	1	21141
14449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, B^0 \to \pi^+\rho^+\rho^-\eta\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\eta\eta\eta D^-\bar{D}^{*-})$	14448	14270	1	21142
14450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^{*0})$	14449	14271	1	21143

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0 p, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}\bar{\Delta}^0 p)$	14450	14272	1	21144
14452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\rho^0\pi^-K^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-K^+D^-\bar{D}^{*0})$	14451	14273	1	21145
14453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}D^{*0}\bar{D}^{*0})$	14452	14274	1	21146
14454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}\bar{p}\Delta^{++})$	14453	14275	1	21147
14455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+K^0K^+K^-D^{*+}\bar{D}^{*-}D^{*0})$	14454	14276	1	21148
14456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D^{*0})$	14455	14277	1	21149
14457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D^{*+}J/\psi n\bar{n})$	14456	14278	1	21150
14458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^-D_s^{*+})$	14457	14279	1	21151
14459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+K^-D^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+K^-D^+D^-\bar{D}^{*-})$	14458	14280	1	21152
14460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to K^*D^-D^-D^{*+}D_s^+)$	14459	14281	1	21153
14461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^+K^+K^-D^{*+}\bar{D}^0)$	14460	14282	1	21154
14462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}a_0^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^*K^{*+}K^{*-}D^+a_0^-)$	14461	14283	1	21155
14463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta n\bar{\Sigma}_c^0D_1'^+)$	14462	14284	1	21156
14464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}n\bar{p})$	14463	14285	1	21157
14465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	14464	14286	1	21158
14466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	14465	14287	1	21159
14467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	14466	14288	1	21160

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^+\omega D^+\bar{D}^{*-}n\bar{p}\Sigma^0\bar{\Sigma}^-)$	14467	14289	1	21161
14469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	14468	14290	1	21162
14470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\eta\omega\bar{K}^0K^+D^-D^{*+}a_1^-)$	14469	14291	1	21163
14471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to \pi^0\pi^+\pi^-K^0K^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^0K^*D^+D_s^-J/\psi)$	14470	14292	1	21164
14472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \rho^+\bar{K}^0\eta'D^-D_s^-D_s^{*+})$	14471	14293	1	21165
14473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{D}^{*0}, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*0})$	14472	14294	1	21166
14474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Sigma}^0\Xi_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^-\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^{*+})$	14473	14295	1	21167
14475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+\rho^+K^+D^-D^{*+})$	1975	1969	1	21168
14476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^+D^+\bar{D}^{*-}D^{*0})$	14475	14297	1	21169
14477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	14476	14298	1	21170
14478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^-\bar{n}p)$	14477	14299	1	21171
14479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K_LJ/\psi$ $(e^+e^- \to K_LD^-D_s^{*+}J/\psi)$	14478	14300	1	21172
14480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0D^{*0}, \bar{B}^0 \to K^0K^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0K^0K^-D^{*+}\bar{D}^0D^{*0}n\bar{n})$	14479	14301	1	21173
14481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*0}\bar{n}p)$	14480	14302	1	21174
14482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}D^0)$	14481	14303	1	21175
14483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^+D^-)$	14482	14304	1	21176
14484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D^-D^0, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0K^{*+}D^-D^0D_s^{*-}D_1'^+)$	14483	14305	1	21177

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\eta K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\eta K^+K^{*-}D^+\bar{D}^{*0})$	14484	14306	1	21178
14486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{D}^{*-}D^{*0})$	14485	14307	1	21179
14487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^*\bar{K}^*, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0K^*\bar{K}^*D^{*+})$	14486	14308	1	21180
14488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*0}p\bar{p})$	14487	14309	1	21181
14489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to \rho^0\omega D^+\bar{D}^{*0}n\bar{\Delta}^+)$	14488	14310	1	21182
14490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^{*0}\bar{D}^{*0}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^-D^{*0}\bar{D}^{*0})$	14489	14311	1	21183
14491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	14490	14312	1	21184
14492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^0K^-D^{*+}\bar{D}^{*-})$	14491	14313	1	21185
14493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+J/\psi, B^0 \to \rho^0\rho^+K^0D_s^-$ $(e^+e^- \to \rho^0\rho^+\rho^-K^0K^+D_s^-J/\psi)$	14492	14314	1	21186
14494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-D^+J/\psi n\bar{n}K_1^0)$	14493	14315	1	21187
14495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^+\bar{D}^{*-})$	14494	12593	1	21188
14496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^0\bar{D}^0)$	14495	14316	1	21189
14497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^-D_s^{*+})$	14496	14317	1	21190
14498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\bar{K}^0\bar{K}^*D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega\omega\bar{K}^0\bar{K}^*\bar{D}^{*-}D_s^{*+})$	14497	14318	1	21191
14499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^-D^{*+}D_s^{*+})$	14498	14319	1	21192
14500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^+\pi^-D^-\bar{\Sigma}^+\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-\bar{\Sigma}^+\Sigma^0D_0^{*-})$	14499	14320	1	21193
14501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^+\pi^+K^{*-}D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+K^{*-}D^+D^-D^{*0}D_{s1}'^-)$	14500	14321	1	21194

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^0)$	14501	14322	1	21195
14503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\rho^+D^0$ $(e^+e^- \to \pi^-\rho^+D^-D^0D_s^+)$	14502	14323	1	21196
14504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \omega K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\omega K^*K^{*-}D^-D^{*+})$	14503	14324	1	21197
14505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	14504	14325	1	21198
14506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega K^+D^-, \bar{B}^0 \to \eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^+\eta' D^-D^{*0})$	14505	14326	1	21199
14507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\bar{D}^{*-}D^0)$	1976	1970	1	21200
14508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-\eta\eta\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^-\eta\eta\bar{K}^0K^*D^+D^-\bar{\Delta}^-\Delta^0)$	14507	14327	1	21201
14509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+K^{*+}D^+D^-D^{*0})$	14508	14328	1	21202
14510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}\bar{n}p)$	14509	14329	1	21203
14511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \rho^+\bar{K}^0K^+K^-\bar{D}^{*-}J/\psi)$	14510	14330	1	21204
14512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, B^0 \to \pi^+\rho^-\eta\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^0\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	14511	14331	1	21205
14513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to \pi^+\eta D^-D^0\bar{\Delta}^+\Sigma^+)$	14512	14332	1	21206
14514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^-\rho^+\rho^+D^-J/\psi\bar{K}_1^0)$	14513	14333	1	21207
14515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\bar{D}^{*-}\bar{D}^0D_s^+)$	14514	14334	1	21208
14516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	14515	14335	1	21209
14517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	14516	14336	1	21210
14518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^0D^{*+}D_s^{*+}D_s^{*-})$	14517	14337	1	21211

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^0 D^+ \bar{D}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^- K^0 K^- D^+ D^{*+}\bar{D}^0\bar{D}^0)$	406	406	1	21212
14520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \omega D^{*+}p\bar{\Sigma}_c^{*-}a_1^-)$	14519	14338	1	21213
14521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 K^* D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 K^* D^+ n\bar{\Xi}_c'^-)$	14520	14339	1	21214
14522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*-}\bar{\Delta}^- p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^{*+}\bar{D}^{*-}\bar{\Delta}^- p)$	14521	14340	1	21215
14523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	14522	14341	1	21216
14524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+})$	14523	1714	1	21217
14525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\rho^- D^+\bar{D}^0)$	14524	14342	1	21218
14526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0 p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^0 p\bar{p})$	14525	14343	1	21219
14527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta D^{*+}\bar{D}^{*-})$	14526	14344	1	21220
14528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+ K^- D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+ K^- D^- D^{*0}\bar{D}^{*0})$	14527	14345	1	21221
14529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0 D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+ D^{*+}\bar{D}^{*-}p\bar{\Delta}^{++})$	14528	14346	1	21222
14530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\eta D^+ D^- D_s^{*-}\bar{\Sigma}^+\Sigma^0)$	1978	1972	1	21223
14531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 D^+ D^0\bar{D}^{*0})$	1979	1973	1	21224
14532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to D^+ D_{s1}^-$ $(e^+e^- \to \rho^+ D^+ D^- D_{s1}^-)$	1980	1974	1	21225
14533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}D^{*0}n\bar{\Delta}^0)$	14532	14350	1	21226
14534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0 D^- D_{s1}'^+\psi(3770))$	14533	14351	1	21227
14535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^- K^+ K^- D^- D^{*+})$	14534	14352	1	21228

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^0\Lambda\bar{\Sigma}^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^0D_s^{*-}\Lambda\bar{\Sigma}^-)$	14535	14353	1	21229
14537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\eta'D^{*+}\bar{D}^{*-}n\bar{n})$	14536	14354	1	21230
14538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{K}^0K^*\bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*0})$	14537	14355	1	21231
14539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+D^-\Delta^-\bar{n})$	14538	14356	1	21232
14540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+})$	14539	14357	1	21233
14541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Sigma}^{*0}\Sigma_c^{*+}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^-\pi^-\omega\bar{K}^*K^+K^-D^+\bar{\Sigma}^{*0}\Sigma_c^{*+})$	14540	14358	1	21234
14542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega K^+K^{*-}D^{*+}\bar{D}^{*-})$	14541	14359	1	21235
14543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^-\pi^-K^0\eta'D^+D^{*+}\bar{D}^0)$	14542	14360	1	21236
14544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega K^-D^-\bar{\Lambda}\Sigma_c^+)$	14543	14361	1	21237
14545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\eta\omega\bar{K}^*K^-D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\bar{K}^*K^-\bar{D}^0D_s^+)$	14544	14362	1	21238
14546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}D_s^+)$	14545	14363	1	21239
14547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0K^{*-}D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^{*-}D^+D^0)$	14546	14364	1	21240
14548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0\bar{K}^0\bar{K}^0K^{*+}D^-D_s^{*+})$	14547	14365	1	21241
14549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^+\bar{D}^{*-}\bar{D}^0)$	1981	1975	1	21242
14550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}\bar{D}^{*-})$	14549	14367	1	21243
14551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D_s^-D_s^{*+}D_1'^-)$	14550	14368	1	21244
14552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\phi\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+\phi D^+\bar{D}^{*-})$	14551	14369	1	21245

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^*D^+D_s^-, \bar{B}^0 \to K^0K^+K^-K^{*-}D^{*+}$ $(e^+e^- \to K^0K^0K^*K^+K^-K^{*-}D^+D^{*+}D_s^-)$	14552	14370	1	21246
14554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	14553	14371	1	21247
14555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta'D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\eta K^0K^-\eta'D^-D^{*+})$	14554	14372	1	21248
14556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_SJ/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_SD^{*+}J/\psi)$	14555	14373	1	21249
14557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\eta\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	14556	14374	1	21250
14558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\eta D^{*+}\bar{D}^{*-}D_s^-)$	14557	14375	1	21251
14559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}\gamma$ $(e^+e^- \to \rho^-D_2^{*+}D_s^{*-}\bar{\Delta}^+\Sigma_c^{++}\gamma)$	14558	14376	1	21252
14560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^+D^{*+})$	14559	14377	1	21253
14561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0D_s^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^0D^+D_s^-)$	14560	14378	1	21254
14562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	14561	14379	1	21255
14563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \eta K^*K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\eta K^*K^{*-}D^+D^-)$	14562	14380	1	21256
14564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^-D^0)$	14563	14381	1	21257
14565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^{*+}D^0\bar{D}^0)$	14564	14382	1	21258
14566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\rho^+\rho^-\bar{K}^0$ $(e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D_s^+)$	14565	14383	1	21259
14567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega\omega\omega D^+\bar{D}^{*-})$	14566	14384	1	21260
14568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^+D^{*+}\bar{D}^{*0}a_1^-)$	14567	14385	1	21261
14569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+}D_{s0}^{*-})$	14568	14386	1	21262

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-\gamma, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^+D^-\gamma)$	14569	14387	1	21263
14571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^-K^{*+}D^+\eta_c a_1^-)$	14570	14388	1	21264
14572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^{*+}\bar{D}^{*-})$	14571	14389	1	21265
14573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^+p\bar{\Sigma}_c^{--})$	14572	14390	1	21266
14574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+K^*K^{*-}\eta_c J/\psi)$	14573	14391	1	21267
14575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^+D_s^{*-})$	1982	1976	1	21268
14576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'D^-, \bar{B}^0 \to \pi^-\pi^-D^+\bar{\Sigma}^+\Sigma^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta'D^+D^-\bar{\Sigma}^+\Sigma^{*0})$	14575	14393	1	21269
14577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+K^{*-}D^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+K^{*-}D^-D^0)$	14576	14394	1	21270
14578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^*K^-\eta'D^{*+}\bar{D}^{*-})$	14577	14395	1	21271
14579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	14578	14396	1	21272
14580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\eta'D^{*+}\bar{D}^{*-})$	14579	14397	1	21273
14581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\pi^-\eta\bar{n}\Lambda$ $(e^+e^- \to \pi^+\pi^-\eta D^{*+}\bar{n}\Lambda a_1^-)$	14580	14398	1	21274
14582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^{*-})$	14581	14399	1	21275
14583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\bar{K}^0K^*D^-D^{*0})$	14582	14400	1	21276
14584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^{*-}\bar{n}\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^{*-}\bar{D}^{*-}\bar{n}\Lambda_c^+)$	14583	14401	1	21277
14585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{n}\Lambda_c^+)$	14584	14402	1	21278
14586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to K^+K^-D^+\bar{D}^{*-}\bar{D}^0D^{*0})$	14585	14403	1	21279

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+ n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\bar{K}^* D^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\bar{K}^* D^- D_s^{*+} n\bar{\Lambda}_c^-)$	14586	14404	1	21280
14588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^0\pi^+\eta\eta K^- K^{*+} D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\eta K^- K^{*+} D^- D^-)$	14587	14405	1	21281
14589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ K^0 D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^+ K^{*-} D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0 K^+ K^{*-} D^{*0} D_s^-)$	14588	14406	1	21282
14590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\eta D^- D_0^{*+})$	14589	14407	1	21283
14591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^- K^* K^- K^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^- K^* K^- K^{*+} D^+\bar{D}^0)$	14590	14408	1	21284
14592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\omega\bar{K}^0 K^+ D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega\bar{K}^0 K^+ D^-\bar{D}^{*-})$	14591	14409	1	21285
14593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+\pi^-\omega K^* K^{*-} D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^* K^{*-} D^+\Delta^+\bar{\Sigma}_c^{--})$	14592	14410	1	21286
14594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0 K^0 D^+\bar{D}^{*0} D_s^{*-})$	14593	14411	1	21287
14595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^{*-} D_s^{*+})$	14594	14412	1	21288
14596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^- D^{*+})$	14595	14413	1	21289
14597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, B^0 \to \pi^0\pi^0\bar{K}^0 K^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^+ D^- D^- D_s^{*+})$	14596	14414	1	21290
14598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^- K^- D^+\Delta^+\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- K^- D^+ D^-\Delta^+\bar{\Sigma}^-)$	14597	14415	1	21291
14599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \omega\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to e^+\nu_e\omega\bar{\Delta}^+\Xi_c^{*+} D_1^-)$	14598	14416	1	21292
14600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^* D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\rho^- K^*\bar{K}^* K^+ D^{*+} D^{*+})$	14599	14417	1	21293
14601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	14600	14418	1	21294
14602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^+ K^{*-}\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^+ K^0 K^{*-} D^- D^{*+}\bar{D}^0 D^{*0})$	14601	14419	1	21295
14603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^* D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^*\bar{K}^* D^+\bar{D}^{*-} D^{*0})$	14602	14420	1	21296

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^-)$	1983	1977	1	21297
14605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^+\rho^-\omega\bar{D}^0$ $(e^+e^- \to \pi^+\rho^-\omega D^-\bar{D}^0a_1^+)$	14604	14422	1	21298
14606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^*\bar{D}^{*0}, \bar{B}^0 \to \eta D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*0}D_s^-)$	14605	14423	1	21299
14607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+\bar{D}^0D^{*0}n\bar{n})$	14606	14424	1	21300
14608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to \omega K^0K^+K^-D^{*+}\bar{D}^{*-}D^0)$	14607	14425	1	21301
14609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^-D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^+p\bar{\Delta}^{++})$	14608	14426	1	21302
14610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-\eta K^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^0\Lambda\bar{\Lambda}$ $(e^+e^- \to \rho^0\rho^-\eta K^{*+}D^0\bar{D}^{*0}\Lambda\bar{\Lambda})$	14609	14427	1	21303
14611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	14610	14428	1	21304
14612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\omega\bar{K}^*K^-D^{*+}\bar{D}^{*-}n\bar{n})$	14611	14429	1	21305
14613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+D^{*+})$	14612	14430	1	21306
14614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\bar{K}^*D^+n\bar{\Xi}_c'^0)$	14613	14431	1	21307
14615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to D^0\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D^0\bar{p}\Delta^+)$	14614	14432	1	21308
14616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{D}^0)$	14615	14433	1	21309
14617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^-n\bar{p})$	14616	14434	1	21310
14618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD_2^{*+}D_2^{*-}D_s^{*+})$	14617	14435	1	21311
14619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^0\bar{D}^0D_{s1}'^+)$	14618	14436	1	21312
14620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*0}\bar{D}^{*0}\bar{p}\Delta^+)$	14619	14437	1	21313

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^-\eta K^{*+}D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	14620	14438	1	21314
14622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0D^-D^{*+})$	14621	14439	1	21315
14623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^+\bar{D}^{*-})$	1984	1978	1	21316
14624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^-\eta\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^-\eta\eta K^-K^{*+}D^+D^{*+}a_1^-)$	14623	14441	1	21317
14625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Xi}_c^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0D^{*+}D_s^{*-}p\bar{\Xi}_c^{*-})$	14624	14442	1	21318
14626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0K^0\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0K^0K^0\bar{K}^0D^{*0}\Lambda\bar{\Sigma}_c^0)$	1985	1979	1	21319
14627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta D^{*+}n\bar{\Sigma}_c^-)$	14626	14444	1	21320
14628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^0D_s^-D_s^{*-}D_1^+)$	14627	14445	1	21321
14629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{n}p, B^0 \to \pi^0\pi^+\eta\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\omega\omega D^-\bar{D}^{*-}\bar{n}p)$	14628	14446	1	21322
14630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\bar{D}^{*-}D_1^-)$	14629	14447	1	21323
14631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*0})$	14630	14448	1	21324
14632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega D^+\bar{D}^{*-})$	14631	14449	1	21325
14633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^{*+}K^{*-}D^-\chi_{c2})$	14632	14450	1	21326
14634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-K^+D^+D^{*+}\bar{D}^{*-})$	14633	14451	1	21327
14635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega K^{*-}D^{*+}\bar{D}^{*-})$	14634	14452	1	21328
14636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-p\bar{\Delta}^+, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\omega D^-D^{*+}pp\bar{p}\bar{\Delta}^+)$	14635	14453	1	21329
14637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to K^+D^-D^0$ $(e^+e^- \to e^+\nu_eK^+D^-D^-D^0)$	14636	14454	1	21330

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^+D'^-_{s1}$ $(e^+e^- \to \pi^+\omega D^+D^-D'^-_{s1})$	14637	14455	1	21331
14639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^+\pi^+\pi^-\rho^-D^0)$	14638	14456	1	21332
14640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^+D^+D^-\bar{D}^{*-}D^{*0})$	14639	14457	1	21333
14641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \rho^+K^0D^-D^{*0}$ $(e^+e^- \to \rho^+K^0D^-D^-D^{*0}D_s^{*+})$	14640	14458	1	21334
14642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \eta\omega D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	14641	14459	1	21335
14643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to D^-a_1^+\gamma\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}a_1^+\gamma\gamma)$	14642	14460	1	21336
14644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Delta^+\bar{\Sigma}^{*-}, \bar{B}^0 \to \pi^+K^-K^-D_s^+$ $(e^+e^- \to \pi^+\pi^+K^-K^-D^-D_s^+\Delta^+\bar{\Sigma}^{*-})$	14643	14461	1	21337
14645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\rho^-\bar{K}^0K^+, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^0K^+K^{*-}\bar{D}^0D^{*0})$	14644	14462	1	21338
14646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \eta\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\eta\eta\omega\omega K^0\bar{K}^0K^+K^{*-}D^+D^-)$	14645	14463	1	21339
14647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \rho^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^-\rho^+K^+K^-\bar{D}^0D^{*0}\eta_c)$	14646	14464	1	21340
14648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Sigma}^-, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^-D^+\bar{D}^{*-}\bar{D}^0p\bar{\Sigma}^-)$	14647	14465	1	21341
14649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^{*+}a_1^-)$	14648	14466	1	21342
14650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\rho^-K^{*-}D_s^{*+}p\bar{\Sigma}_c^{*0})$	14649	14467	1	21343
14651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\eta K^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^{*-}\bar{D}^{*0})$	14650	14468	1	21344
14652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\bar{K}^*K^{*+}D^-D^0)$	14651	14469	1	21345
14653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_s^-D_1'^+)$	14652	14470	1	21346
14654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^-K^0K^-\eta'D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0K^-\eta'D^{*+}D^{*+})$	14653	14471	1	21347

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^0)$	14654	14472	1	21348
14656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \rho^+\bar{K}^0D^+D^-D_1^-)$	14655	14473	1	21349
14657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK_2^{*0}D^{*+}J/\psi)$	14656	14474	1	21350
14658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}D^0\bar{D}^0)$	14657	14475	1	21351
14659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^+K^-D^0p\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+K^0K^-D^-D^0D^{*0}p\bar{p})$	14658	14476	1	21352
14660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^*\bar{K}^*K^{*+}\phi$ $(e^+e^- \to e^+\nu_e\pi^-\eta\bar{K}^*\bar{K}^*K^{*+}\phi\bar{D}^{*-})$	14659	14477	1	21353
14661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0D^-D^0\bar{D}^{*0})$	14660	14478	1	21354
14662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \rho^-K^0D^{*+}D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	14661	14479	1	21355
14663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to D^-D_s^+\gamma$ $(e^+e^- \to D^-D_2^{*-}D_s^+D_s^+\gamma)$	14662	14480	1	21356
14664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}J/\psi)$	14663	14481	1	21357
14665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D^{*+}, B^0 \to \rho^0D^+D^-$ $(e^+e^- \to \rho^0D^+D^-D^-D^{*+})$	14664	14482	1	21358
14666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-}D_1'^+)$	14665	14483	1	21359
14667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+K^{*-}D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta\omega\bar{K}^0K^+K^{*-}D^-D^-D^{*0})$	14666	14484	1	21360
14668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+D^+D_1'^-)$	14667	14485	1	21361
14669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0D^+D^-D_s^-D_{s1}'^+)$	1986	1980	1	21362
14670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^-K^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^+\bar{D}^{*-}\bar{D}^0)$	14669	14487	1	21363
14671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\bar{D}^{*-}D^0)$	14670	14488	1	21364

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0 K^* K^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0 K^* K^- D^{*+})$	14671	14489	1	21365
14673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^- D^0 a_1^+)$	14672	14490	1	21366
14674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\eta' D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega\eta'\bar{D}^{*-}D^0)$	14673	14491	1	21367
14675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	14674	14492	1	21368
14676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^- D^-, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^- D^- D^{*+}\gamma)$	14675	14493	1	21369
14677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^- K^+\bar{D}^{*-}D^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	14676	14494	1	21370
14678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^+ D^+ D^-)$	14677	14495	1	21371
14679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+ K^- K^{*+} K^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^+ K^- K^{*+} K^{*-}\bar{D}^{*-})$	14678	14496	1	21372
14680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e X_u^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu X_u^-\bar{D}^{*-})$	14679	13851	1	21373
14681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0 K^- D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0 K^- D^- D_s^{*+})$	14680	14497	1	21374
14682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+ D^- D^0 D_s^{*-})$	14681	14498	1	21375
14683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^+ D_1^-)$	14682	14499	1	21376
14684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^- D^{*+}\bar{D}^{*-} D_s^{*+})$	14683	11212	1	21377
14685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-} D_s^{*+})$	14684	14500	1	21378
14686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^-\omega K^+ K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^+ K^+ K^{*-} D^+\Delta^0\bar{\Sigma}_c^-)$	14685	14501	1	21379
14687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D_s^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+ K^0 K^- D^{*+}\bar{D}^{*0} D_s^{*-})$	14686	14502	1	21380
14688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\omega K^0 K^{*-} D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\eta\omega K^0 K^{*-} D^{*+} D^{*+})$	14687	14503	1	21381

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^+ \bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^- K^+ D^+ D^{*+} \bar{D}^{*-} a_1^-)$	14688	14504	1	21382
14690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L \eta_c, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to K_L \pi^-\pi^-\rho^+ D^{*+} \eta_c)$	98	98	1	21383
14691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+ \bar{D}^{*-})$	14690	14506	1	21384
14692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0 \bar{D}^{*0}, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0 D^{*+} \bar{D}^{*-} \bar{D}^{*0})$	14691	14507	1	21385
14693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega \bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \pi^+\pi^-\rho^+\eta\omega D^+ \bar{D}^{*-})$	14692	14508	1	21386
14694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \pi^+\eta K^+K^+K^-K^-K^- \bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\eta K^+K^+K^-K^-K^- D^- \bar{D}^{*0})$	14693	14509	1	21387
14695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0, \bar{B}^0 \to \pi^+\bar{p}\Xi_c^0$ $(e^+e^- \to \pi^0\pi^+\bar{n}\bar{p}\Sigma_c^0\Xi_c^0)$	14694	14510	1	21388
14696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega\bar{K}^0 D^{*+} D^{*+} \bar{D}^{*-})$	14695	14511	1	21389
14697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^- D^{*+})$	14696	14512	1	21390
14698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^0 K^* D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0 K^* D^+ D_s^{*-} p\bar{\Lambda}_c^-)$	14697	14513	1	21391
14699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta K^+ D^+ \bar{D}^{*-} D^0)$	14698	14514	1	21392
14700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+} \bar{D}^{*-})$	14699	14515	1	21393
14701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^- D^{*+} D_s^{*+})$	1988	1982	1	21394
14702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \omega D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\omega D^+ D^- \Sigma^- \bar{\Sigma}^0)$	14701	14517	1	21395
14703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+K^0K^-K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^{*0})$	14702	14518	1	21396
14704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^- K^0 D^{*0} \bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^- K^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0})$	14703	14519	1	21397
14705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0 D^- D^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 D^- D^{*+} D^{*0})$	14704	14520	1	21398

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-K^{*+}D^{*+}\bar{D}^{*-})$	1989	1983	1	21399
14707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^{*+}D^{*+})$	14706	14522	1	21400
14708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	14707	14523	1	21401
14709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+K^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+K^0D^{*+}\bar{D}^{*0})$	14708	14524	1	21402
14710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to e^+\nu_e\pi^0\eta\bar{K}^0D^-\psi')$	14709	14525	1	21403
14711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-K^0K^-D^+\bar{D}^{*-})$	14710	14526	1	21404
14712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^+\rho^-K^0K^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^+\rho^-K^0K^-\bar{D}^{*-})$	14711	14527	1	21405
14713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	14712	14528	1	21406
14714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	14713	14529	1	21407
14715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-\bar{D}^{*-})$	14714	14530	1	21408
14716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-}p\bar{p}\bar{\Delta}^+\Xi_c^{*+})$	408	408	1	21409
14717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\omega\omega K^-D^-D^{*+}\bar{D}^0)$	14716	14532	1	21410
14718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^-K^{*+}\bar{D}^{*-}D^{*0})$	1991	1985	1	21411
14719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^*D^+D^{*+}\bar{D}^0)$	14718	14534	1	21412
14720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^0\bar{D}^0D^{*0})$	14719	14535	1	21413
14721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+D^{*+}\Sigma^{*-}\bar{\Sigma}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+D^-D^{*+}\Sigma^{*-}\bar{\Sigma}^{*-})$	14720	14536	1	21414
14722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^-\eta\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\rho^-\eta\bar{K}^*D^{*+}\bar{\Delta}^-\Delta^0)$	14721	14537	1	21415

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^- D^-\bar{n}p, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^- D^{*+}\bar{n}p)$	14722	14538	1	21416
14724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to D^{*0} n\bar{\Delta}^0$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0 K^{*+} D^- D^{*0} n\bar{\Delta}^0)$	14723	14539	1	21417
14725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\rho^-\bar{K}^0 K^+ D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\rho^-\bar{K}^0 K^+ D^+ \bar{D}^{*-})$	14724	14540	1	21418
14726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-\pi^-\rho^+ D^+ \bar{D}^{*-})$	14725	14541	1	21419
14727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^0 D_s^+)$	14726	14542	1	21420
14728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+ \bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^-\bar{K}^0 K^+ D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^-\omega\bar{K}^0 K^+ D^+ D^+ \bar{D}^0)$	14727	14543	1	21421
14729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^- K^0\bar{K}^0 D^+ D^-)$	14728	14544	1	21422
14730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega D^+)$	14729	14545	1	21423
14731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to K_S\chi_{c1}$ $(e^+e^- \to K_S K^+ D^- D^0\chi_{c1})$	14730	14546	1	21424
14732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-} D_2^{*+} D_s^{*-})$	14731	14547	1	21425
14733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}\bar{p}\Delta^+)$	14732	14548	1	21426
14734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\pi^- D^+)$	14733	14549	1	21427
14735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+ D^- D_s^{*+})$	14734	14550	1	21428
14736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^- D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^+ D^- \bar{D}^{*-})$	1992	1986	1	21429
14737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to e^+\nu_e\eta D^- J/\psi\bar{K}_1^0)$	14736	14552	1	21430
14738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e D^+ D_0^{*+})$	14737	14553	1	21431
14739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0 D^0, \bar{B}^0 \to \rho^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^- K^+ K^- D^{*+} D^0)$	14738	14554	1	21432

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^+\bar{K}^*K^-\bar{\Delta}^+\Sigma_c^+\chi_{c1})$	14739	14555	1	21433
14741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^0\rho^0D_s^+D_s^-$ $(e^+e^- \to \pi^0\rho^0K^*D_s^+D_s^-J/\psi)$	14740	14556	1	21434
14742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{K}^0D^-, B^0 \to \pi^0\pi^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta K^0\bar{K}^0D^-D^-)$	14741	14557	1	21435
14743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1'^-, \bar{B}^0 \to \rho^+\eta K^+K^-D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\eta K^+K^-D_s^{*-}D_1'^-)$	14742	14558	1	21436
14744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\pi^-\rho^+D^+D^{*+})$	14743	14559	1	21437
14745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\omega\bar{K}^*$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega\bar{K}^*n\bar{\Sigma}_c^-)$	14744	14560	1	21438
14746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta\omega\eta'D^{*+}\bar{D}^{*-})$	14745	14561	1	21439
14747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to K^*\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to K^*K^+\bar{\Delta}^+\Lambda\bar{\Sigma}_c^-\Xi_c^{*+})$	14746	14562	1	21440
14748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+K^*K^{*-}D^+D^-)$	14747	14563	1	21441
14749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-\bar{\Sigma}^+\Xi^-, \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^-\bar{\Sigma}^+\bar{\Sigma}^{*0}\Xi^-\Xi_c^{*+})$	14748	14564	1	21442
14750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\bar{D}^{*-}n\bar{\Delta}^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}n\bar{\Delta}^+)$	14749	14565	1	21443
14751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^-D^+\bar{D}^{*0})$	14750	14566	1	21444
14752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Omega}_c^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}n\bar{\Omega}_c^0)$	14751	14567	1	21445
14753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-K^0K^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0K^+D^+D_s^{*-})$	14752	14568	1	21446
14754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^+K^-D^0$ $(e^+e^- \to \pi^0\rho^0\rho^+K^-D^-D^0D_s^{*+})$	14753	14569	1	21447
14755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0K^*D^+D^-)$	14754	14570	1	21448
14756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	14755	14571	1	21449

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ D_2^{*-}D_s^{*+})$	14756	14572	1	21450
14758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Xi}_c^0)$	1993	1987	1	21451
14759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^0\bar{K}^0\bar{K}^0K^*$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0\bar{K}^0K^*D^-\bar{\Delta}^-\Delta^-)$	1994	1988	1	21452
14760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0D_s^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0D^{*+}D_s^+)$	14759	14575	1	21453
14761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+D_s^-D_1^+)$	14760	14576	1	21454
14762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^+K^-D^+\bar{D}^{*-})$	14761	14577	1	21455
14763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+D^-D^0D_s^-)$	14762	14578	1	21456
14764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\omega\omega K^0K^-D^+D^-)$	14763	14579	1	21457
14765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-K^{*+}\eta'\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^{*+}\eta'D^{*+}\bar{D}^{*0})$	14764	14580	1	21458
14766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^0)$	14765	14581	1	21459
14767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0D^0$ $(e^+e^- \to e^+\nu_e\pi^0D^-D^0)$	14766	14582	1	21460
14768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^+)$	14767	14583	1	21461
14769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \rho^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^0K^-D^+\bar{D}^{*-}\eta_c)$	14768	14584	1	21462
14770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Sigma}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to D^+\bar{D}^{*-}\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}^0)$	14769	14585	1	21463
14771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^0\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0\bar{K}^0K^+K^-\phi\bar{D}^{*-}D_s^+)$	14770	14586	1	21464
14772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\bar{K}^0\bar{K}^0K^+K^+D^-, \bar{B}^0 \to \rho^0\omega\bar{K}^*D^0$ $(e^+e^- \to \rho^0\pi^-\eta\omega\bar{K}^0\bar{K}^0\bar{K}^*K^+K^+D^-D^0)$	14771	14587	1	21465
14773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\omega D^-D^{*+}\Delta^-\bar{\Delta}^0)$	14772	14588	1	21466

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{p}\Delta^{++})$	14773	14589	1	21467
14775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to \pi^+D^{*+}\Delta^-\bar{\Delta}^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}\Delta^-\bar{\Delta}^+D_1'^+)$	14774	14590	1	21468
14776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^0D_s^{*-}\Delta^+\bar{\Delta}^+)$	14775	14591	1	21469
14777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	14776	14592	1	21470
14778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+K^{*-}\bar{D}^{*0}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0\omega K^+K^{*-}\bar{D}^{*0}D_s^{*-}D_1'^+)$	14777	14593	1	21471
14779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^-K^{*+}\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^{*+}\eta_cD_1^-)$	14778	14594	1	21472
14780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-})$	14779	14595	1	21473
14781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-}n\bar{n}\bar{n}\Sigma_c^0)$	14780	14596	1	21474
14782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\rho^-\bar{K}^0D^+\bar{D}^{*-})$	14781	14597	1	21475
14783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \omega\Delta^+\bar{\Sigma}_c^-$ $(e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^-)$	14782	14598	1	21476
14784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-p\bar{\Xi}_c^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-p\bar{\Xi}_c^0)$	14783	14599	1	21477
14785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0D^+\eta_c)$	14784	14600	1	21478
14786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta\omega\bar{K}^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	14785	14601	1	21479
14787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega K^0K^-D^{*+}\bar{D}^{*0})$	14786	14602	1	21480
14788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta K^0\bar{K}^*D^-D^{*+})$	14787	14603	1	21481
14789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}p\bar{p})$	1995	1989	1	21482
14790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\bar{K}^*K^+D^+\bar{D}^{*-})$	14789	14605	1	21483

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	14790	14606	1	21484
14792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \rho^-K^+K^{*-}D^+$ $(e^+e^- \to \rho^-K^+K^{*-}D^+D^{*+}D_{s1}'^-)$	1996	1990	1	21485
14793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-D_1'^+$ $(e^+e^- \to \pi^-D_2^{*-}D_s^{*+}D_1'^+)$	14792	14608	1	21486
14794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^+D^0D_s^{*-})$	14793	14609	1	21487
14795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0, \bar{B}^0 \to \pi^0\bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^*\bar{D}^0D^{*0})$	14794	14610	1	21488
14796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{K}^0K^*K^+K^-D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^*K^+K^-D^+D^-)$	14795	14611	1	21489
14797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega D^+D^-n\bar{p})$	14796	14612	1	21490
14798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^{*0}\bar{D}^{*0}D_0^{*+})$	14797	14613	1	21491
14799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\bar{K}^0K^+K^{*-}D^+D^+)$	14798	14614	1	21492
14800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0D^0\bar{D}^{*0}\bar{n}\Sigma_c^0)$	1997	1991	1	21493
14801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\eta'\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega\omega\eta'D^+\bar{D}^{*0})$	14800	14616	1	21494
14802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\eta\bar{K}^0K^+D^+D^-D^-D^{*0})$	14801	14617	1	21495
14803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^-\rho^+\bar{K}^0K^+D^-D^{*+})$	14802	14618	1	21496
14804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+})$	14803	14619	1	21497
14805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	14804	14620	1	21498
14806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+})$	14805	14621	1	21499
14807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+K^{*-}n\bar{n}$ $(e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}n\bar{n}D_{s1}'^+)$	14806	14622	1	21500

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0\pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^*D^{*+}D_1'^-)$	14807	14623	1	21501
14809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}, \bar{B}^0 \to D^{*+}\bar{n}\Sigma^-$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^{*+}\bar{n}\Sigma^-)$	14808	14624	1	21502
14810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\eta K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\omega K^0K^{*-}D^+D^-D_s^{*+})$	14809	14625	1	21503
14811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D_2^{*+}D_s^+)$	409	409	1	21504
14812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\chi_{c2}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^*D^{*0}\chi_{c2})$	14811	14627	1	21505
14813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\omega D^{*0}\bar{D}^{*0}D_s^{*-})$	14812	14628	1	21506
14814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega D^+n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\eta\omega D^+\bar{D}^{*-}n\bar{p})$	14813	14629	1	21507
14815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \tau^+\nu_\tau D^-\bar{K}_1^0\psi(3770))$	14814	14630	1	21508
14816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}p\bar{p})$	14815	14631	1	21509
14817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0D^0\bar{D}^0)$	14816	14632	1	21510
14818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^+D^-)$	14817	14633	1	21511
14819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^{*0}, \bar{B}^0 \to \pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-K^0K^+K^-D^+D^{*0})$	14818	14634	1	21512
14820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^+D^-D^0D_s^{*-})$	14819	14635	1	21513
14821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\omega K^+K^-\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\omega K^+K^-D^+\bar{D}^0)$	14820	14636	1	21514
14822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^+D^-)$	14821	14637	1	21515
14823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^0D_s^{*+})$	14822	14638	1	21516
14824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega\omega D^+\bar{D}^{*-})$	14823	14639	1	21517

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^*K^-D^+\bar{D}^{*-})$	99	99	1	21518
14826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^*K^+\eta'\bar{D}^{*-}D^{*0})$	14825	14641	1	21519
14827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\pi^-\eta D^-D_s^+)$	14826	14642	1	21520
14828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to K^+D^-\bar{D}^{*-}D^{*0}D_{s1}'^+)$	14827	14643	1	21521
14829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*J/\psi, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0K^*D^{*+}D_s^{*-}J/\psi)$	14828	14644	1	21522
14830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+D^-D_0^{*+})$	14829	14645	1	21523
14831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\eta\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\eta\eta K^0K^0K^-D^+D^0\bar{D}^{*0})$	14830	14646	1	21524
14832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	14831	14647	1	21525
14833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\omega K^0K^-D^{*+}D_2^{*-})$	14832	14648	1	21526
14834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}\bar{\Delta}^-n)$	14833	14649	1	21527
14835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \bar{D}^0J/\psi\bar{n}\Delta^0\bar{K}_1^0)$	14834	14650	1	21528
14836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega K^0K^-K^{*+}K^{*-}D^+\bar{D}^{*-})$	14835	14651	1	21529
14837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Omega}_c^{*0}, \bar{B}^0 \to \eta\omega D^0$ $(e^+e^- \to \eta\omega\bar{K}^0D^0\Delta^0\bar{\Omega}_c^{*0})$	14836	14652	1	21530
14838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \bar{D}^{*-}a_1^+$ $(e^+e^- \to \rho^+D^-\bar{D}^{*-}a_1^+)$	411	411	1	21531
14839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-})$	14838	14653	1	21532
14840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0\bar{K}^0D^-D^{*+})$	14839	14654	1	21533
14841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^{*-}D^+D^-\bar{D}^{*0})$	14840	14655	1	21534

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n}\bar{n}\Delta^+)$	14841	14656	1	21535
14843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\bar{K}^0K^{*+}D^-D^{*+})$	14842	14657	1	21536
14844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^*D^{*+}D^{*0}\bar{D}^{*0})$	14843	14658	1	21537
14845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega K^-D^-D^0D_s^{*+})$	14844	14659	1	21538
14846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega K^0\bar{K}^*D^-, B^0 \to \pi^0\pi^0\rho^0K^{*+}\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0\bar{K}^*K^{*+}\eta'D^-\bar{D}^{*-})$	14845	14660	1	21539
14847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^-\eta D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	14846	14661	1	21540
14848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\bar{K}^0\bar{K}^0D^-D_s^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0\bar{K}^0D^-D_s^{*+}D_1'^-)$	14847	14662	1	21541
14849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*-}D_s^{*+})$	14848	14663	1	21542
14850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0D_2^{*-}D^{*0}\bar{D}^{*0})$	14849	14664	1	21543
14851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-n\bar{n}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega D^-D^{*+}D_s^-n\bar{n})$	14850	14665	1	21544
14852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	2001	1995	1	21545
14853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\omega D^-D^{*+})$	14852	14667	1	21546
14854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	14853	14668	1	21547
14855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0D^-, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^0K^-D^-D^{*+})$	2002	1996	1	21548
14856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^{*0}\bar{D}^{*0}J/\psi)$	14855	14670	1	21549
14857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^{*+}D^-D^{*+}D^0)$	14856	14671	1	21550
14858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}D^0\bar{D}^{*0})$	14857	14672	1	21551

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\bar{D}^{*-}\Delta^-\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+D^{*+}\bar{D}^{*-}\Delta^-\bar{n})$	14858	14673	1	21552
14860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \eta D^{*+}n\bar{p}\Delta^{++}\bar{\Delta}^{++})$	14859	14674	1	21553
14861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^0K^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0K^0K^*D^+D^-\bar{D}^0D^{*0})$	14860	14675	1	21554
14862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0})$	2003	1997	1	21555
14863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0K^+K^-K^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\bar{K}^0K^+K^-K^-\bar{D}^{*-}D_s^+)$	14862	14677	1	21556
14864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0D^+D^-)$	14863	14678	1	21557
14865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^{*+}\bar{D}^{*-})$	14864	14679	1	21558
14866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^+\bar{D}^{*-})$	14865	14680	1	21559
14867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma$ $(e^+e^- \to \pi^+D^-\bar{D}^{*-}D_s^{*+}\gamma)$	14866	14681	1	21560
14868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^-D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0K^-D^-D^{*+}\bar{n}p)$	14867	14682	1	21561
14869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega D^-\bar{D}^{*-})$	14868	14683	1	21562
14870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^-\bar{D}^{*0}\psi')$	14869	14684	1	21563
14871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\bar{\Delta}^-\Lambda$ $(e^+e^- \to e^+\nu_e\pi^-D^-\bar{\Delta}^-\Lambda)$	14870	14685	1	21564
14872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\omega K^*D^+D^+\bar{D}^{*0})$	14871	14686	1	21565
14873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}D^{*0})$	14872	14687	1	21566
14874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^{*+}\bar{D}^{*-})$	14873	14688	1	21567
14875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-K^0D^{*+}\bar{D}^{*0})$	14874	14689	1	21568

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\omega K^-\phi D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega\omega K^-\phi D^- D^0)$	2004	1998	1	21569
14877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^- D^{*+} D_2^{*-} D_s^{*+})$	14876	14690	1	21570
14878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+ K^- K^{*+} K^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^* K^- K^{*+} K^{*+} K^{*-}\bar{D}^{*-})$	14877	14691	1	21571
14879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^{+}, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \omega\bar{D}^{*-} D^{*0} D_{s1}'^{+})$	14878	14692	1	21572
14880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^-)$	14879	14693	1	21573
14881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^* K^- D^{*+}\bar{D}^{*-})$	14880	14694	1	21574
14882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta D^- D^-)$	14881	14695	1	21575
14883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+} D^0)$	14882	14696	1	21576
14884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-} p\bar{p}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-} p\bar{p})$	14883	14697	1	21577
14885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega K^* D^+ D^+ D^-)$	14884	14698	1	21578
14886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^+ K^- K^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^- K^+ K^- K^- D^{*+}\bar{D}^{*-})$	14885	14699	1	21579
14887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\bar{D}^0 D_s^+ D_1^+)$	14886	14700	1	21580
14888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^0 D^-\bar{n}p$ $(e^+e^- \to e^+\nu_e K^0 D^-\bar{D}^{*-}\bar{n}p)$	14887	14701	1	21581
14889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} D_2^{*+} D_s^-)$	14888	11846	1	21582
14890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^{*-} J/\psi$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega K^{*-}\bar{D}^{*-} J/\psi)$	14889	14702	1	21583
14891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta K^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\eta K^- D^{*+}\bar{D}^{*-})$	14890	14703	1	21584
14892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\bar{D}^{*0}\bar{\Delta}^{++}\Sigma^{*+}$ $(e^+e^- \to \pi^+ K^{*-} D^{*+}\bar{D}^0\bar{D}^{*0}\bar{\Delta}^{++}\Sigma^{*+})$	14891	14704	1	21585

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*K^-K^{*+}D^+D^-D^{*+})$	14892	14705	1	21586
14894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \tau^+\nu_\tau\rho^+K^-J/\psi D_1^-)$	14893	14706	1	21587
14895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	14894	14707	1	21588
14896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^0D_2^{*+}D_s^{*-}J/\psi)$	2005	1999	1	21589
14897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^{*+}K^{*-}D^-D^{*+}\bar{D}^{*0})$	14896	14709	1	21590
14898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-\eta D^+\Delta^0\bar{\Sigma}_c^{*0})$	14897	14710	1	21591
14899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\omega D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\omega\omega\omega D^+D^-D_s^{*-})$	14898	14711	1	21592
14900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\eta' D^-, \bar{B}^0 \to \pi^0\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega\eta' D^-D^{*0})$	14899	14712	1	21593
14901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to \pi^0\rho^-\bar{K}^*K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^*K^{*+}D^-D^{*0}\bar{\Lambda}\Lambda_c^+)$	14900	14713	1	21594
14902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0J/\psi$ $(e^+e^- \to \omega\bar{K}^0K^+\bar{D}^{*-}J/\psi)$	14901	14714	1	21595
14903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	14902	14715	1	21596
14904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_s^+)$	14903	14716	1	21597
14905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^+D^-)$	14904	14717	1	21598
14906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	14905	14718	1	21599
14907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^*K^{*-}D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	14906	14719	1	21600
14908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*0})$	14907	14720	1	21601
14909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta K^+K^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^+K^{*-}D^{*+}D^0)$	2006	2000	1	21602

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^+D^-D_s^-)$	14909	14722	1	21603
14911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\bar{K}^*D^+\bar{D}^0\bar{D}^{*0})$	14910	14723	1	21604
14912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-D^{*+}\bar{D}^{*0}D_s^{*-})$	14911	14724	1	21605
14913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^{*+}\bar{D}^{*-}D_1'^+)$	14912	14725	1	21606
14914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^+K^-\bar{D}^{*-}D^0\bar{D}^0)$	14913	14726	1	21607
14915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0K^*\bar{K}^*D^+D^-D^{*+})$	14914	14727	1	21608
14916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^{*+}\bar{D}^{*-})$	14915	14728	1	21609
14917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^+)$	14916	14729	1	21610
14918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^+\bar{D}^{*-}n\bar{n})$	14917	14730	1	21611
14919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+J/\psi)$	14918	14731	1	21612
14920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D_1^-)$	14919	14732	1	21613
14921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0D^+D^{*+}\bar{D}^0)$	14920	14733	1	21614
14922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\omega D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^0\Delta^-\bar{n})$	14921	14734	1	21615
14923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+D^-)$	14922	9854	1	21616
14924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}\bar{D}^{*0}D_s^+)$	14923	14735	1	21617
14925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^-D^0D_s^-D_s^{*+})$	14924	14736	1	21618
14926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}D_s^{*+})$	14925	14737	1	21619

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta D^+\bar{D}^0\bar{p}\Delta^+)$	14926	14738	1	21620
14928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+D^-D_1^+)$	14927	14739	1	21621
14929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\eta_c(2S), \bar{B}^0 \to \pi^0\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^-K^-D_s^{*+}\eta_c(2S))$	14928	14740	1	21622
14930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0D^+\bar{D}^{*-}\bar{p}\Sigma_c^+)$	14929	14741	1	21623
14931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+}D_s^{*-}\Delta^0\bar{\Sigma}^+)$	14930	14742	1	21624
14932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\omega K^0K^-D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^-K^-D^+D^0)$	14931	14743	1	21625
14933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to \eta\bar{K}^0n\bar{\Delta}^0$ $(e^+e^- \to \eta\eta\bar{K}^0\bar{D}^{*0}n\bar{\Delta}^0)$	2007	2001	1	21626
14934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta\bar{K}^0K^*\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\bar{K}^0K^*\bar{K}^*\bar{D}^{*-})$	14933	14745	1	21627
14935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	14934	14746	1	21628
14936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \rho^-\eta K^+K^{*-}D^{*+}$ $(e^+e^- \to \rho^-\eta K^+K^{*-}D^-D^{*+}D_{s0}^{*+})$	14935	14747	1	21629
14937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	412	412	1	21630
14938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	14937	14749	1	21631
14939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+D^+D^-)$	14938	14750	1	21632
14940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D_s^+D_s^{*-}, B^0 \to \pi^0\rho^0\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+K^0D^-D_s^+D_s^{*-})$	2009	2003	1	21633
14941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\eta K^-K^{*+}D^+\bar{D}^{*-})$	14940	14752	1	21634
14942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^{*+}D_1^-)$	14941	14753	1	21635
14943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^0D_s^-)$	14942	14754	1	21636

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^+K^{*-}D^+D^{*+})$	2010	2004	1	21637
14945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \pi^0\pi^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0 K^0 D^{*0} J/\psi)$	14944	14756	1	21638
14946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^- D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^-\bar{D}^{*-}D_s^{*+})$	14945	14757	1	21639
14947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0 D^+D^-D_s^+D_s^{*-})$	14946	14758	1	21640
14948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^-)$	14947	14759	1	21641
14949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^{*+}D^-, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+$ $(e^+e^- \to \bar{K}^0K^{*+}D^-\bar{D}^{*-}\bar{n}\Delta^+)$	14948	14760	1	21642
14950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++})$	14949	14761	1	21643
14951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}D_{s0}^{*+})$	14950	14762	1	21644
14952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^+K^-\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \rho^+K^-D^-D_s^{*+}\bar{\Sigma}^+\Sigma^-)$	14951	14763	1	21645
14953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-}D_{s1}'^-)$	14952	14764	1	21646
14954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^-D^-D^{*+}D_s^+)$	2011	2005	1	21647
14955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^0, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0K^*\bar{D}^0\bar{p}\Sigma_c^+)$	14954	14766	1	21648
14956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to e^+\nu_e\rho^+\eta D^-D^0D_s^-)$	14955	14767	1	21649
14957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^{*-}D^{*+}\bar{D}^{*0}\bar{\Delta}^0\Xi_c^{*+})$	14956	14768	1	21650
14958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^*D^+D^-\bar{D}^{*-})$	14957	14769	1	21651
14959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D_s^{*-})$	14958	14770	1	21652
14960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	14959	14771	1	21653

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}n\bar{n})$	14960	14772	1	21654
14962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \omega D^0\bar{D}^0$ $(e^+e^- \to \omega K^+\bar{D}^{*-}D^0\bar{D}^0D^{*0})$	14961	14773	1	21655
14963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'D^-, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+K^{*-}\eta'D^-\eta_c)$	14962	14774	1	21656
14964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-K^{*+}D^-D^{*+}D^0)$	14963	14775	1	21657
14965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^-\rho^-D^{*+}D^{*+})$	14964	14776	1	21658
14966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	14965	14777	1	21659
14967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c(2S), \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-K^+D^+\eta_c(2S))$	14966	14778	1	21660
14968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^*K^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^+\eta K^*K^-D^{*+}\bar{D}^{*0}D_{s1}'^-)$	14967	14779	1	21661
14969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+K^0D^+\bar{p}\Sigma^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^+D^+\bar{p}\Sigma^{*-})$	2012	2006	1	21662
14970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*-})$	14969	14781	1	21663
14971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	14970	14782	1	21664
14972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\eta K^-\phi\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+K^0K^0K^-K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta K^0K^0K^-K^-K^-\phi D^+\bar{D}^0)$	14971	14783	1	21665
14973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	14972	14784	1	21666
14974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\bar{D}^{*0}D_1^+)$	413	413	1	21667
14975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-D^-\bar{D}^0D^{*0}D_s^+)$	14974	14785	1	21668
14976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^0\bar{p}\Delta^+)$	14975	14786	1	21669
14977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}D^{*0}n\bar{n})$	14976	14787	1	21670

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\rho^- D^-\bar{\Delta}^0\Lambda_c^+)$	14977	14788	1	21671
14979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^+K^0\bar{K}^*\phi D^-$ $(e^+e^- \to \pi^+K^0\bar{K}^*\phi D^-\bar{D}^{*-}D_{s1}'^+)$	14978	14789	1	21672
14980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta\eta\bar{K}^*K^+D^+D^-)$	14979	14790	1	21673
14981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^+\rho^-\eta\bar{D}^{*-}D_2^{*+})$	14980	14791	1	21674
14982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\eta D^+\bar{D}^{*-})$	14981	14792	1	21675
14983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+})$	14982	14793	1	21676
14984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^{*+}D_s^{*-})$	2014	2008	1	21677
14985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D_s^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D_s^+D_s^-D_0^{*+})$	14984	14795	1	21678
14986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\omega\bar{D}^{*-}D^{*0})$	14985	14796	1	21679
14987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+D^+D_s^{*-})$	14986	14797	1	21680
14988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^*K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	14987	14798	1	21681
14989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^+D^{*+})$	2015	2009	1	21682
14990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0K^*\bar{K}^*$ $(e^+e^- \to \rho^+K^0\bar{K}^0\bar{K}^0K^*\bar{K}^*\bar{D}^{*-})$	2016	2010	1	21683
14991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-})$	14990	14801	1	21684
14992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^-\omega\omega K^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\omega K^+\bar{D}^{*-})$	14991	14802	1	21685
14993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^-K^0D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^0D^+\bar{D}^{*-}\bar{D}^0)$	14992	14803	1	21686
14994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-D_2^{*+}D_s^-\gamma)$	14993	14804	1	21687

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
14995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^{*+}D^{*+})$	14994	4144	1	21688
14996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{K}^0 K^+ K^- \bar{D}^{*-}, \bar{B}^0 \to \rho^- \bar{\Delta}^0\Sigma_c^+\gamma$ $(e^+e^- \to \rho^+\rho^- K^0\bar{K}^0 K^+ K^- \bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+\gamma)$	14995	14805	1	21689
14997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^+D^{*+}\bar{D}^{*0})$	14996	14806	1	21690
14998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\rho^- K^+ D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^- K^+ D^+ D_s^-)$	14997	14807	1	21691
14999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0 D^+ D^+ D_s^{*-} D_s^{*-})$	14998	14808	1	21692
15000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	14999	14809	1	21693
15001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^- D^+, \bar{B}^0 \to \pi^0 K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^0 K^- K^- D^+ D^+\bar{D}^{*0})$	15000	14810	1	21694
15002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+, \bar{B}^0 \to \pi^- D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^-\omega D^+\bar{p}\bar{\Sigma}^+\Sigma^-\Lambda_c^+)$	15001	14811	1	21695
15003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^- D^{*+}\bar{\Delta}^0\Delta^+)$	15002	14812	1	21696
15004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	15003	14813	1	21697
15005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+} n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- D^+ D^{*+} n\bar{n})$	414	414	1	21698
15006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0 D^+\bar{D}^{*-}D_s^- D_{s1}'^+)$	15005	14815	1	21699
15007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	15006	14816	1	21700
15008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^{*+}D_1^-)$	15007	14817	1	21701
15009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}D^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^- K^{*+}D^+D^+D^-)$	15008	14818	1	21702
15010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \phi D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega\omega\phi D^{*+}\bar{D}^{*-}D_s^-)$	15009	14819	1	21703
15011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega D^{*+}D_2^{*-})$	15010	14820	1	21704

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^- \rho^+ \rho^- D^{*+}$ $(e^+e^- \to \pi^- \rho^+ \rho^- K^* D^{*+} D^{*+} \bar{D}^{*-})$	15011	14821	1	21705
15013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^{*+} \bar{D}^{*0}, \bar{B}^0 \to e^- \bar{\nu}_e D_1^+$ $(e^+e^- \to e^- \bar{\nu}_e \rho^- K^{*+} \bar{D}^{*0} D_1^+)$	15012	14822	1	21706
15014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+ \pi^- \rho^- \omega D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- \rho^- \omega D^{*+} D^{*+})$	15013	14823	1	21707
15015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^- \bar{K}^0 D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0 \pi^- \bar{K}^0 \bar{K}^0 K^+ D^- D^{*+} \bar{D}^0)$	15014	14824	1	21708
15016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \eta \bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^- \rho^+ \eta D^{*+} \bar{D}^{*-})$	15015	12926	1	21709
15017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^0 \pi^+ \rho^+ \bar{D}^{*-} n\bar{p}, \bar{B}^0 \to e^- \bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \pi^+ \rho^+ \bar{D}^{*-} n\bar{p} D_0^{*+})$	15016	14825	1	21710
15018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \rho^- \bar{K}^0 K^+ D^-, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+ \rho^- \bar{K}^0 \bar{K}^* K^+ D^+ D^- D^-)$	15017	14826	1	21711
15019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} \bar{\Sigma}^0 \Sigma^+, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to D^{*+} \bar{D}^{*-} D_s^{*-} \bar{\Sigma}^0 \Sigma^+)$	2018	2012	1	21712
15020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+ \nu_e \eta D^-, \bar{B}^0 \to \pi^- \rho^+ K^0 K^- D^+$ $(e^+e^- \to e^+ \nu_e \pi^- \rho^+ \eta K^0 K^- D^+ D^-)$	15019	14828	1	21713
15021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* \psi', B^0 \to \pi^0 \pi^+ \eta \bar{D}^{*-}$ $(e^+e^- \to \pi^0 \pi^+ \eta K^* \bar{D}^{*-} \psi')$	15020	14829	1	21714
15022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \Delta^0 \bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0 \pi^+ \pi^- \pi^- D^+$ $(e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \pi^- D^+ \Delta^0 \bar{\Sigma}_c^0)$	2019	2013	1	21715
15023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^0 \pi^+ \bar{D}^{*-} \Delta^+ \bar{\Delta}^+, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^0 \pi^0 \pi^+ \bar{K}^* D^+ D^- \bar{D}^{*-} \Delta^+ \bar{\Delta}^+)$	15022	14831	1	21716
15024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \pi^- \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0 \bar{\Delta}^+ \Sigma_c^{*+}$ $(e^+e^- \to \pi^0 \pi^+ \pi^- \bar{K}^0 K^+ D^- \bar{\Delta}^+ \Sigma_c^{*+})$	15023	14832	1	21717
15025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^+ D^-, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- K^{*+} D^+ D^- D_1'^+)$	15024	14833	1	21718
15026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+ \nu_\mu \pi^+ \pi^- D^-, \bar{B}^0 \to K^0 \bar{K}^0 D^{*+} D_s^-$ $(e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^- K^0 \bar{K}^0 D^- D^{*+} D_s^-)$	15025	14834	1	21719
15027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^0 \rho^0 \pi^+ \omega D^-, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \rho^0 \pi^+ \omega D^- D^{*+})$	15026	14835	1	21720
15028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^0 \omega \bar{K}^0 K^{*+} D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0 \rho^0 \omega \bar{K}^0 K^{*+} D^- D^{*+} D_s^{*-})$	15027	14836	1	21721

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^-D_1^+)$	15028	14837	1	21722
15030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to \pi^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\eta D^+D^+p\bar{p}\Sigma^-\bar{\Sigma}^0)$	15029	14838	1	21723
15031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*D^+a_1^-)$	15030	14839	1	21724
15032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \rho^0\pi^+\eta\omega D^-D^{*+}D_{s1}'^-\gamma)$	15031	14840	1	21725
15033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^+\bar{D}^{*-})$	15032	14841	1	21726
15034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	15033	14842	1	21727
15035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0D^0$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D^0)$	15034	14843	1	21728
15036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta\omega D^+\bar{D}^{*-})$	15035	14844	1	21729
15037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta K^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-\rho^+\eta K^0D^{*+}a_1^-)$	15036	14845	1	21730
15038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+K^+K^-D^+D^-)$	15037	14846	1	21731
15039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^0D^+\bar{D}^{*-}D_s^{*-})$	15038	14847	1	21732
15040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0K^-D^+n\bar{p}\Delta^+\bar{\Xi}_c^{*0})$	15039	14848	1	21733
15041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^0D^{*+}D^{*+})$	15040	14849	1	21734
15042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\eta'D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega\eta'D^+D_1'^-)$	15041	14850	1	21735
15043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta K^+K^-D^+D^-)$	15042	14851	1	21736
15044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*0})$	15043	14852	1	21737
15045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-\gamma, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}D_s^+D_s^{*-}D_1'^-\gamma)$	15044	14853	1	21738

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+\bar{D}^0)$	100	100	1	21739
15047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*+})$	15046	14855	1	21740
15048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*\bar{\Lambda}\Xi_c^+, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega\omega K^*D^{*+}\bar{\Lambda}\Xi_c^+)$	416	416	1	21741
15049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^0D^-D^{*+})$	15048	14857	1	21742
15050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-D^+D^-)$	15049	14858	1	21743
15051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\eta'D^+\bar{D}^{*-})$	15050	14859	1	21744
15052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^+\bar{D}^0n\bar{n})$	15051	14860	1	21745
15053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \rho^+K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*0})$	15052	14861	1	21746
15054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	15053	14862	1	21747
15055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\eta K^0K^-D^-, \bar{B}^0 \to \eta K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^+\eta\eta K^0K^-K^-D^+D^-\bar{D}^{*0})$	15054	14863	1	21748
15056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+D^-D^{*+}D_{s0}^{*+})$	15055	14864	1	21749
15057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^-D^+D^{*+}\bar{D}^{*0})$	15056	14865	1	21750
15058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\omega D^+D^{*+})$	15057	14866	1	21751
15059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \rho^0\rho^+\eta\eta D^-$ $(e^+e^- \to \rho^0\rho^+\eta\eta D^-D^-a_1^+)$	15058	14867	1	21752
15060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^-\omega\omega K^{*+}D^+\bar{D}^{*-}D^{*0})$	2022	2016	1	21753
15061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^+D^-\bar{D}^{*0}D_s^{*+})$	15060	14869	1	21754
15062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{K}^*D^-D^-D^{*0})$	15061	14870	1	21755

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^0 \bar{\Delta}^+ \Sigma_c^{*+}$ $(e^+e^- \to \pi^0 K^0 D^0 \bar{D}^{*0} \bar{\Delta}^+ \Sigma_c^{*+})$	15062	14871	1	21756
15064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\omega, \bar{B}^0 \to \pi^0 K^0 \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega K^0 \bar{K}^* K^- D^{*+})$	15063	14872	1	21757
15065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+ K^0 K^- \bar{D}^{*0}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega K^0 K^- \bar{D}^{*-} \bar{D}^{*0})$	15064	14873	1	21758
15066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^- K^{*+} D^{*+} \bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\rho^- \bar{K}^0 K^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^- \bar{K}^0 K^+ K^{*+} D^{*+} \bar{D}^{*-} \bar{D}^{*0})$	15065	14874	1	21759
15067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D^0 \bar{D}^0, \bar{B}^0 \to \pi^0\eta\bar{K}^* D^0$ $(e^+e^- \to \pi^0\pi^0\eta K^* \bar{K}^* D^0 D^0 \bar{D}^0)$	15066	14875	1	21760
15068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^- \bar{\Delta}^- \Delta^0, \bar{B}^0 \to \pi^+\pi^+\pi^- \bar{K}^0 K^* K^{*-} D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0 K^* K^{*-} D^- D^{*0} \bar{\Delta}^- \Delta^0)$	15067	14876	1	21761
15069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*-} D_{s1}'^-)$	15068	14877	1	21762
15070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- D^- \bar{\Delta}^0 \Delta^{++}, \bar{B}^0 \to D^{*+} a_1^- \gamma$ $(e^+e^- \to \pi^- D^- D^{*+} \bar{\Delta}^0 \Delta^{++} a_1^- \gamma)$	15069	14878	1	21763
15071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \rho^+\eta K^* K^- D^- D^{*+})$	15070	14879	1	21764
15072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Delta}^- \Delta^0, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^- D^{*+} \bar{D}^{*-} \bar{\Delta}^- \Delta^0)$	15071	14880	1	21765
15073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} \bar{\Delta}^- \Delta^0, \bar{B}^0 \to \pi^0\pi^-\pi^- D^{*+} \bar{n} p$ $(e^+e^- \to \pi^0\pi^-\pi^- D^{*+} \bar{D}^{*-} \bar{\Delta}^- \bar{n} \Delta^0 p)$	15072	14881	1	21766
15074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \Delta^+ \bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^- \bar{K}^0 K^* K^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^- \bar{K}^0 K^* K^+ K^- D^+ \Delta^+ \bar{\Sigma}_c^{--})$	15073	14882	1	21767
15075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+ \bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^- D^- \bar{D}^{*-})$	15074	14883	1	21768
15076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 K^+ D^{*0} D_s^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D_1'^+$ $(e^+e^- \to e^- \bar{\nu}_e K^0 K^+ D^{*0} D_s^{*-} D_1'^+)$	15075	14884	1	21769
15077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega K^0 K^+ K^- D^{*+} D^{*+} \bar{D}^{*-})$	15076	14885	1	21770
15078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} n \bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} \bar{D}^{*-} n \bar{\Delta}^0 D_{s1}'^+)$	15077	14886	1	21771
15079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta D^{*+} n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^{*+} \bar{D}^{*-} n\bar{p})$	15078	14887	1	21772

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-K^{*+}D^{*+}\bar{D}^{*-})$	15079	14888	1	21773
15081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0K^+K^{*-}, \bar{B}^0 \to \omega\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\omega K^0\bar{K}^0K^+K^{*-}J/\psi)$	15080	14889	1	21774
15082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-K^+D^{*+}D^{*0}\bar{D}^{*0})$	15081	14890	1	21775
15083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta'D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^*\eta'D^+D^+D^-)$	2023	2017	1	21776
15084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\rho^+\omega D^0\Delta^0\bar{\Lambda}_c^-)$	15083	14892	1	21777
15085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-D^{*+}D_1'^+)$	15084	14893	1	21778
15086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	15085	14894	1	21779
15087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^0K^*D^+\bar{D}^{*-})$	15086	14895	1	21780
15088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\bar{K}^*D^+D^{*+})$	15087	14896	1	21781
15089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*a_1^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*D^{*+}a_1^0)$	15088	14897	1	21782
15090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-K^{*+}K^{*-}D^+D^{*+})$	15089	14898	1	21783
15091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^-D^{*+}\bar{n}\Lambda$ $(e^+e^- \to \pi^-D^+D^{*+}D_s^-\bar{n}\Lambda)$	15090	14899	1	21784
15092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^{*0}D_s^{*+}D_s^{*-})$	15091	14900	1	21785
15093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-})$	15092	14901	1	21786
15094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^-D^{*+}\bar{\Delta}^+\Delta^{++})$	15093	14902	1	21787
15095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+K^0K^{*-}D^{*+}\bar{D}^{*-}\eta_c)$	15094	14903	1	21788
15096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	15095	14904	1	21789

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{D}^{*-}D^{*0}a_1^+)$	15096	14905	1	21790
15098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+D_1^-)$	15097	14906	1	21791
15099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\eta' D^+\bar{D}^{*-})$	15098	14907	1	21792
15100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\omega D^-D^{*+})$	15099	14908	1	21793
15101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	15100	14909	1	21794
15102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 D^{*0}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*K^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^*K^{*-}D^{*0}D_s^+)$	15101	14910	1	21795
15103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	15102	14911	1	21796
15104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0 D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^- D^+D^-)$	15103	14912	1	21797
15105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^+\rho^- D^{*+}\Delta^0\bar{\Xi}_c^{*-})$	15104	14913	1	21798
15106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-}D_{s1}'^-)$	15105	14914	1	21799
15107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-}\Delta^-\bar{n})$	15106	14915	1	21800
15108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^+\bar{D}^{*-})$	15107	5611	1	21801
15109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^+\pi^- D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^-\eta D^+D^-\bar{p}\Delta^+\Delta^{++}\bar{\Delta}^{++})$	2024	2018	1	21802
15110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0K^{*+}\bar{D}^{*-}D^{*0}\bar{n}\Sigma_c^0)$	15109	14917	1	21803
15111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^+\eta'\phi D^{*+}\bar{D}^{*-})$	15110	14918	1	21804
15112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \rho^-\eta\omega K^+D^+D^-D^0)$	15111	14919	1	21805
15113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D_2^{*+}D_s^{*+})$	15112	14920	1	21806

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+\eta' D^{*+}\bar{D}^{*-})$	15113	14921	1	21807
15115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \bar{K}^0K^{*+}D^+D^-D_{s1}'^-)$	15114	14922	1	21808
15116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^+K^{*-}D^{*+}D_s^+D_1'^-)$	15115	14923	1	21809
15117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-\eta D^+D^{*+})$	15116	14924	1	21810
15118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-D^+D_1^+)$	15117	14925	1	21811
15119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	15118	14926	1	21812
15120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta K^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\eta K^0D^+\bar{D}^0)$	15119	14927	1	21813
15121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D_2^{*+})$	15120	14928	1	21814
15122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\chi_{c1}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0K^0D^{*+}D_s^{*-}\chi_{c1})$	15121	14929	1	21815
15123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\eta K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega K^0K^-D^+\bar{D}^{*-}\bar{n}\Delta^0)$	15122	14930	1	21816
15124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	15123	14931	1	21817
15125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}D^0D_s^{*+})$	15124	14932	1	21818
15126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D_s^{*+})$	15125	14933	1	21819
15127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+K^*K^-D^{*+}\bar{D}^{*-}D_s^+)$	15126	14934	1	21820
15128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^{*+}$ $(e^+e^- \to \rho^+\omega\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma^{*+})$	15127	14935	1	21821
15129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \eta\bar{p}\Sigma_c^{*+}$ $(e^+e^- \to \eta\bar{D}^0n\bar{n}\bar{p}\Sigma_c^{*+})$	15128	14936	1	21822
15130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\bar{K}^0D^+D^{*+}\bar{D}^0)$	15129	14937	1	21823

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^- D^{*+})$	15130	14938	1	21824
15132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}D^{*0}D_1^-)$	15131	14939	1	21825
15133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-n\bar{n}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^+\omega D^-n\bar{n}\bar{n}\Sigma_c^0)$	15132	14940	1	21826
15134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^*K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta K^*K^+K^-\bar{D}^{*-}D^0)$	15133	14941	1	21827
15135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}D^0)$	15134	14942	1	21828
15136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\eta_c, B^0 \to \pi^+\omega\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\omega\omega K^*\bar{D}^{*-}\eta_c)$	2025	2019	1	21829
15137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0K^{*-}D^{*+}D_2^{*-}D_s^+)$	15136	14944	1	21830
15138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0D^+D^-D_1^-)$	15137	14945	1	21831
15139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^+K^-\bar{D}^{*-}D_1^+)$	15138	14946	1	21832
15140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+, B^0 \to \bar{D}^0n\bar{n}$ $(e^+e^- \to \rho^-K^+\bar{D}^0n\bar{n})$	15139	14947	1	21833
15141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^*\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega\omega\omega\bar{K}^*\bar{D}^{*-}\eta_c)$	15140	14948	1	21834
15142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^{*-}D^+\bar{D}^0\bar{D}^{*0})$	15141	14949	1	21835
15143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}D_{s1}'^+)$	2026	2020	1	21836
15144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0D^{*+}\bar{D}^{*-}n\bar{p}a_1^+)$	15143	14951	1	21837
15145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\bar{K}^0D^-D^0)$	15144	14952	1	21838
15146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^*\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-})$	15145	14953	1	21839
15147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta D^-, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta D^-\bar{D}^{*-}\bar{n}p)$	15146	14954	1	21840

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+\bar{D}^0D_s^-)$	101	101	1	21841
15149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0D^+D^{*+}D_s^{*-}D_s^{*-})$	15148	14955	1	21842
15150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	15149	14956	1	21843
15151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^-K^0D^+\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+)$	15150	14957	1	21844
15152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-D^-D^0D_s^{*+})$	15151	14958	1	21845
15153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^-D^{*+}\bar{\Delta}^-na_1^-)$	15152	14959	1	21846
15154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{D}^{*0}\bar{n}\Lambda_c^+)$	15153	14960	1	21847
15155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{p}\Sigma_c^{++})$	15154	14961	1	21848
15156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	15155	14962	1	21849
15157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\omega K^*\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\bar{K}^0K^*\bar{K}^*D^-D^{*+})$	15156	14963	1	21850
15158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-D^+D^-D_s^{*+})$	15157	14964	1	21851
15159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_2^{*-}, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_eK^{*+}\bar{D}^{*-}D_2^{*-}D^0)$	15158	14965	1	21852
15160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^0p\bar{\Sigma}_c^{--})$	15159	14966	1	21853
15161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}D_1^-)$	15160	14967	1	21854
15162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega K^0K^{*-}D^+D^{*+})$	15161	14968	1	21855
15163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}p\bar{p}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{n}p\bar{p}\Lambda_c^+)$	15162	14969	1	21856
15164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-\bar{D}^0n\bar{n})$	15163	14970	1	21857

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+ D^0 \bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+ K^{*+} D^- D^{*+} D^0 \bar{n}p)$	15164	14971	1	21858
15166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s0}^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ \bar{D}^{*-} D_{s0}^{*+})$	15165	14972	1	21859
15167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta_c \bar{n}p, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega D^+ \eta_c \bar{n}p)$	15166	14973	1	21860
15168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^{*0}, \bar{B}^0 \to \rho^- K^* D^+ \bar{n}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^- K^* D^+ \bar{D}^{*0} \bar{n}\Lambda)$	15167	14974	1	21861
15169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^0\pi^+\rho^-\eta D^+ \bar{D}^0)$	15168	14975	1	21862
15170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ D^- n\bar{n}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta D^+ D^- n\bar{n})$	15169	14976	1	21863
15171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^+ D^+ \bar{D}^{*-} D^{*0})$	15170	14977	1	21864
15172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu \pi^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0 D^+ D^{*+} \Delta^- \bar{\Delta}^0)$	15171	14978	1	21865
15173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta\omega D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\omega\omega D^+ D^+)$	15172	14979	1	21866
15174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^0 D^+ \bar{D}^0 D^{*0})$	15173	14980	1	21867
15175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} \bar{D}^{*-} D_s^{*+}\gamma)$	15174	14981	1	21868
15176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- D^+\Delta^-\bar{n})$	15175	14982	1	21869
15177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^* K^+ \bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^* K^+ D^+ \bar{D}^{*-} \Delta^+ \bar{\Delta}^{++})$	15176	14983	1	21870
15178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0 K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0 K^0 K^0\bar{K}^0\bar{K}^0\Lambda\bar{\Sigma}_c^0)$	15177	14984	1	21871
15179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \rho^+ D^+ n\bar{p}\Delta^+\bar{\Sigma}_c^{--})$	15178	14985	1	21872
15180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^-\omega\eta' D^+$ $(e^+e^- \to \pi^-\rho^+\omega\eta' D^+ D^-)$	15179	14986	1	21873
15181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- K^0\bar{K}^0 D^+, \bar{B}^0 \to \pi^0\rho^-\omega K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega K^0\bar{K}^0 K^+ K^- D^+ D^{*+})$	15180	14987	1	21874

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	15181	14988	1	21875
15183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	15182	14989	1	21876
15184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^+\omega K^0K^-D^+\bar{D}^{*-})$	15183	14990	1	21877
15185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^{*+}D_s^{*-}a_1^+)$	15184	14991	1	21878
15186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+K_0^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K_0^{*-}D_1^-)$	15185	14992	1	21879
15187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\Delta^0\bar{\Sigma}^{*+}D_0^{*+})$	15186	14993	1	21880
15188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^-D^{*+}D_2^{*+}D_s^{*-}n\bar{n})$	15187	14994	1	21881
15189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^+K^-K^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+K^+K^-K^{*-}\bar{D}^{*-})$	15188	14995	1	21882
15190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}\bar{p}\Sigma_c^{*0})$	15189	14996	1	21883
15191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	15190	14997	1	21884
15192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta D^+D^-\gamma)$	15191	14998	1	21885
15193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-})$	2028	2022	1	21886
15194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+})$	15193	15000	1	21887
15195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-D^-D^{*+}D_s^+)$	15194	15001	1	21888
15196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \rho^-D^+D^{*+}D_s^-\gamma)$	15195	15002	1	21889
15197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^-D^{*+}D_s^{*+}\gamma)$	15196	15003	1	21890
15198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	15197	15004	1	21891

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\bar{D}^0D_1^+)$	15198	15005	1	21892
15200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+D^-\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+D^-\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0)$	15199	15006	1	21893
15201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta' D^-, \bar{B}^0 \to K^0D^{*+}D_s^-$ $(e^+e^- \to \pi^+K^0\eta' D^-D^{*+}D_s^-)$	15200	15007	1	21894
15202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^+D_1^-)$	15201	15008	1	21895
15203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\omega D^+D^-)$	15202	15009	1	21896
15204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega K^0D^{*+}\bar{D}^0)$	15203	15010	1	21897
15205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta K^0K^0K^-D^{*+}\eta_c)$	15204	15011	1	21898
15206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^*\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^*\bar{D}^0D_1'^+)$	418	418	1	21899
15207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*0})$	15206	15013	1	21900
15208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+\bar{D}^0D^{*0})$	15207	15014	1	21901
15209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+D^-D^{*+})$	15208	15015	1	21902
15210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^0D^+D_s^{*-}\eta_c)$	15209	15016	1	21903
15211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*\eta' D^-D^{*+}\bar{D}^{*-}\gamma)$	15210	15017	1	21904
15212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	15211	1799	1	21905
15213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0K^*K^-D^+D^{*+}\bar{D}^{*-})$	15212	15018	1	21906
15214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^-K^{*+}D^+\bar{D}^0\bar{n}\Delta^0)$	15213	15019	1	21907
15215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}n\bar{\Delta}^+)$	15214	15020	1	21908

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\eta K^{*+}K^{*-}$ $(e^+e^- \to \pi^0\rho^-\eta K^{*+}K^{*-}\Delta^+\bar{\Xi}_c^{*0})$	15215	15021	1	21909
15217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, B^0 \to \pi^0D^-D_s^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^-D^-\bar{D}^0D_s^+D_s^{*+}\gamma)$	15216	15022	1	21910
15218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}\gamma, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^{*+}D_2^{*-}\gamma)$	15217	15023	1	21911
15219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^+J/\psi, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-K^0\bar{K}^0K^+D^+J/\psi)$	15218	15024	1	21912
15220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^*\psi'$ $(e^+e^- \to \mu^+\nu_\mu K^*\bar{D}^{*-}\psi')$	15219	15025	1	21913
15221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Omega}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+n\bar{\Omega}_c^0)$	15220	15026	1	21914
15222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta K^0K^-D^{*+}n\bar{\Sigma}_c^{*0})$	15221	15027	1	21915
15223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to \omega D^+D_s^{*-}$ $(e^+e^- \to \eta\omega D^+D^-D_s^+D_s^{*-})$	15222	15028	1	21916
15224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta_c n\bar{\Lambda}, \bar{B}^0 \to \eta\bar{K}^*J/\psi$ $(e^+e^- \to \eta\bar{K}^*\eta_c J/\psi n\bar{\Lambda})$	15223	15029	1	21917
15225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-D^+D_1'^-)$	15224	15030	1	21918
15226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^-\rho^-\eta K^+D_2^{*+}D^0\bar{D}^{*0})$	15225	15031	1	21919
15227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\eta D^+D^0)$	15226	15032	1	21920
15228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\rho^-\omega D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++})$	15227	15033	1	21921
15229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^*D^{*+}D^{*+}\bar{D}^{*-})$	15228	15034	1	21922
15230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0K^*K^-D^+D^-D^{*+}\bar{D}^0)$	15229	15035	1	21923
15231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to K^-D_2^{*+}D_s^{*-}\bar{\Lambda}\Sigma_c^+)$	15230	15036	1	21924
15232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0D^+D^{*+}\bar{D}^{*-})$	15231	15037	1	21925

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D'^+_{s1}, B^0 \to \pi^0D^-D^{*+}_s$ $(e^+e^- \to \pi^0D^-D^-D^{*+}_sD'^+_{s1})$	2030	2024	1	21926
15234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{K}^0K^+K^+K^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^+K^+K^-D^-\bar{D}^{*-})$	15233	15038	1	21927
15235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D^+D^{*-}_{s0}$ $(e^+e^- \to \pi^0\pi^+\eta D^+D^-D^{*-}_{s0})$	15234	15039	1	21928
15236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\eta\eta K^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\eta\eta K^-\bar{D}^{*-}D^{*0})$	15235	15040	1	21929
15237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\omega D^-D^{*+})$	15236	15041	1	21930
15238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^+D^-, \bar{B}^0 \to \pi^-D^{*+}_2$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^+D^-D^{*+}_2)$	15237	15042	1	21931
15239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta K^0D^+D^0\bar{D}^0)$	15238	15043	1	21932
15240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}\gamma, \bar{B}^0 \to D^{*+}D^{*-}_s$ $(e^+e^- \to D^-D^{*+}D^{*-}_s\bar{\Delta}^+\Delta^{++}\gamma)$	15239	15044	1	21933
15241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+D^+\bar{D}^{*-})$	15240	15045	1	21934
15242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D^{*+}_s, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^0\pi^0D^-D^{*+}D^{*+}_sD'^-_{s1})$	15241	15046	1	21935
15243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\eta' D^-D^{*+})$	15242	15047	1	21936
15244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\bar{D}^{*0}p\bar{p}$ $(e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{D}^{*0}p\bar{p})$	15243	15048	1	21937
15245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \eta\bar{\Delta}^{++}\Sigma^{++}_c$ $(e^+e^- \to \rho^+\eta D^-\bar{\Delta}^{++}\Sigma^{++}_c\gamma)$	15244	15049	1	21938
15246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^+\bar{D}^{*-})$	15245	3634	1	21939
15247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-})$	15246	15050	1	21940
15248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}p)$	15247	15051	1	21941
15249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^-\phi p\bar{\Lambda}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\omega K^-\phi D^+p\bar{\Lambda})$	15248	15052	1	21942

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta D^- D^0)$	15249	15053	1	21943
15251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega K^0 K^{*-} D^+$ $(e^+e^- \to \rho^+\omega K^0 K^{*-} D^+ \bar{D}^{*-})$	15250	15054	1	21944
15252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0 p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^- D^- D^0 p\bar{p})$	15251	15055	1	21945
15253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^+ D^-)$	15252	15056	1	21946
15254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^- \Delta^0\bar{\Delta}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ D^- D^{*+}\Delta^0\bar{\Delta}^0)$	15253	15057	1	21947
15255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- K^0 D^+ D^{*+}\bar{D}^{*-})$	15254	11244	1	21948
15256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to K^{*-} D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+\omega K^{*-} D^+ D^-\bar{D}^{*0})$	15255	15058	1	21949
15257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta D^0 D_s^+ D_1^-)$	15256	15059	1	21950
15258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- b_1^+, \bar{B}^0 \to \rho^- D^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \rho^- K^- D^{*+}\bar{\Sigma}^+\Sigma^- b_1^+)$	15257	15060	1	21951
15259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\rho^-\omega K^+ D^{*+}\bar{D}^0 D^{*0})$	15258	15061	1	21952
15260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^+\pi^- D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^+\pi^- D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda} a_1^+)$	15259	15062	1	21953
15261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\eta\omega K^* D^{*+}\eta_c)$	15260	15063	1	21954
15262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^-\omega D^{*+} D^{*+})$	15261	15064	1	21955
15263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta' D^-, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta' D^+ D^-\Delta^-\bar{n})$	15262	15065	1	21956
15264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^+ D^- D^{*+})$	15263	11240	1	21957
15265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\omega K^0 K^- D^+ D_2^{*-} D_s^{*+})$	15264	15066	1	21958
15266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \eta K^0 K^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^0 K^- D^{*+}\bar{D}^{*-})$	15265	15067	1	21959

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^- D^+ D^- D_s^{*-})$	2031	2025	1	21960
15268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\bar{K}^0 K^{*+} D^+ \bar{D}^{*-})$	15267	15069	1	21961
15269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	2032	2026	1	21962
15270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^0, \bar{B}^0 \to \rho^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\rho^- D^+ D^0 n\bar{n})$	15269	15070	1	21963
15271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	15270	15071	1	21964
15272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0 K^- D^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\omega\bar{K}^0 K^- D^- D^- D_s^{*+})$	15271	15072	1	21965
15273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^{*+}\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^-\eta\bar{K}^* K^{*+} D^- D^{*+}\bar{D}^0)$	15272	15073	1	21966
15274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- D^+ D^{*+})$	2033	2027	1	21967
15275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^- K^0 K^0\bar{K}^* D^+ D^+ D^-)$	15274	15075	1	21968
15276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 K^- K^- K^{*+}\bar{D}^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^+\rho^- K^0 K^- K^- K^{*+}\bar{D}^0\bar{n}\Sigma_c^+)$	15275	15076	1	21969
15277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta K^+ D^{*+} p\bar{\Sigma}_c^{--})$	15276	15077	1	21970
15278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\bar{K}^0 J/\psi K_1^0\psi')$	419	419	1	21971
15279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+ D^- D^{*+})$	15278	5855	1	21972
15280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0 K^0 K^0\bar{K}^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^0 K^0\bar{K}^0 K^{*-} D^+ D^-)$	15279	15079	1	21973
15281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+} D_2^{*-} D_s^-)$	420	420	1	21974
15282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-} D^0)$	15281	15081	1	21975
15283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^-\bar{\Sigma}^+\Xi^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^- K^{*+} D^+ D^-\bar{\Sigma}^+\Xi^-)$	15282	15082	1	21976

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^- D^{*+}D^{*+})$	15283	15083	1	21977
15285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-, \bar{B}^0 \to \pi^0\omega K^*K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^*K^- D^{*+})$	15284	15084	1	21978
15286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+K^*K^-K^{*-}\bar{D}^{*-})$	15285	15085	1	21979
15287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^+\eta D^-\bar{p}\Sigma_c^0)$	15286	15086	1	21980
15288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^- D^{*+})$	15287	15087	1	21981
15289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\eta D^+D^-)$	15288	15088	1	21982
15290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^- K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^-K^{*+}D^+D^-)$	15289	15089	1	21983
15291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^-\rho^- D^+D^-)$	15290	15090	1	21984
15292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\bar{K}^0 D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0 D^- D^{*+}\bar{D}^{*0})$	15291	15091	1	21985
15293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^*K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta K^*K^{*-}D^{*+}\bar{D}^{*-})$	15292	15092	1	21986
15294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S J/\psi, B^0 \to \rho^+\eta\omega K^+K^{*-}D^-$ $(e^+e^- \to \rho^+\eta\omega K_S K^+K^{*-}D^- J/\psi)$	15293	15093	1	21987
15295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^* D_s^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^* D^+D_s^+n\bar{p})$	15294	15094	1	21988
15296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{p}\Sigma_c^{++})$	15295	15095	1	21989
15297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\chi_{c0})$	15296	15096	1	21990
15298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^*\bar{K}^*K^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^*\bar{K}^*K^-\Lambda\bar{\Sigma}_c^0)$	15297	15097	1	21991
15299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-K^+D^+J/\psi)$	15298	15098	1	21992
15300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0\bar{K}^0K^-D^{*+}D_s^{*+})$	15299	15099	1	21993

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^0K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^{*+}\bar{D}^{*-}D^0D_0^{*-})$	15300	15100	1	21994
15302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}, \bar{B}^0 \to \omega\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\omega\bar{K}^0D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*0})$	421	421	1	21995
15303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^-D_2^{*+})$	15302	15102	1	21996
15304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^-D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+K^*K^-D^+D^-D_s^{*-})$	15303	15103	1	21997
15305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\eta\bar{K}^0D^+D^{*+}\bar{D}^{*0})$	15304	15104	1	21998
15306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to K^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \rho^0\rho^-K^+D^+\bar{p}\Xi_c'^0)$	15305	15105	1	21999
15307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\eta'D^+D^-)$	15306	15106	1	22000
15308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega K^0D^+D^+\bar{D}^{*-})$	15307	15107	1	22001
15309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+K^0\bar{D}^{*-}D^0D^0)$	15308	15108	1	22002
15310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\eta\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^-\bar{D}^0D^{*0})$	15309	15109	1	22003
15311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}\gamma, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0K^{*+}D^+D^-D^-D^{*0}\gamma)$	15310	15110	1	22004
15312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}a_1^-)$	15311	15111	1	22005
15313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	15312	5793	1	22006
15314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^{*+})$	15313	15112	1	22007
15315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-n\bar{n}, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega D^-D^-n\bar{n})$	15314	15113	1	22008
15316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\eta K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta K^0K^{*-}D^+\Delta^+\bar{\Sigma}_c^{*0})$	15315	15114	1	22009
15317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0K^0\bar{K}^*, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^0\bar{K}^*\bar{D}^{*-})$	2037	2031	1	22010

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+K^0K^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	15317	15116	1	22011
15319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^-D^{*+})$	102	102	1	22012
15320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^+\omega\omega\omega D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	15319	15118	1	22013
15321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-)$	15320	7589	1	22014
15322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^+\rho^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta K^{*+}K^{*-}D^-D^{*0})$	15321	15119	1	22015
15323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^*\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^*D^{*+}\bar{D}^0)$	15322	15120	1	22016
15324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to e^+\nu_e\rho^+\eta K^-\bar{D}^{*-}\eta_c)$	15323	15121	1	22017
15325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\omega K^+K^-D^-\bar{D}^{*-})$	15324	15122	1	22018
15326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^-a_1^+)$	2039	2033	1	22019
15327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0D_s^+, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0\bar{K}^0D^+\bar{D}^0D_s^+)$	2040	2034	1	22020
15328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\eta\bar{K}^*K^+D^{*+}D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	15327	15125	1	22021
15329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega K^0D^+D^{*+}\bar{D}^{*0})$	2041	2035	1	22022
15330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta D^{*+}D^0D_s^-)$	15329	15127	1	22023
15331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	15330	15128	1	22024
15332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+\rho^-D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^+D^-\Sigma^0\bar{\Sigma}^-)$	15331	15129	1	22025
15333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*0}n\bar{n})$	15332	15130	1	22026
15334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta\omega D^+\bar{D}^{*-})$	15333	15131	1	22027

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta' D^-, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^{*-}\eta' D^- J/\psi)$	15334	15132	1	22028
15336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^-D^{*+})$	15335	15133	1	22029
15337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\rho^-D^-, B^0 \to \pi^+\pi^-K^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^0D^-\bar{D}^0D^{*0})$	15336	15134	1	22030
15338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^+D^+D^-D^{*0})$	15337	15135	1	22031
15339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	15338	15136	1	22032
15340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \rho^-D^-D_s^{*+}D_1^+)$	15339	15137	1	22033
15341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^+n\bar{p}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\bar{K}^*$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^*D^+n\bar{p})$	2042	2036	1	22034
15342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}\bar{\Sigma}^{*+}\Sigma^{*-})$	15341	15139	1	22035
15343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*D^+D_s^{*-}J/\psi)$	15342	15140	1	22036
15344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^-D_s^-)$	15343	15141	1	22037
15345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \pi^-\omega D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\omega\bar{K}^*K^-D^+D^{*+}\bar{D}^{*0})$	15344	15142	1	22038
15346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega D^+D^-)$	15345	15143	1	22039
15347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^-K^+\chi_{c1}$ $(e^+e^- \to \pi^-K^+\bar{D}^{*-}a_1^+\chi_{c1})$	15346	15144	1	22040
15348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	15347	15145	1	22041
15349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0)$	15348	15146	1	22042
15350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^0K^+K^-K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-K^0K^+K^-K^-D^{*+}\bar{D}^{*-})$	15349	15147	1	22043
15351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-\bar{D}^{*-}D_s^{*+})$	15350	15148	1	22044

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	2043	2037	1	22045
15353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-\bar{n}\Lambda, B^0 \to \pi^-\rho^+\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^+K^+D^-D^-\bar{n}\Lambda)$	15352	15150	1	22046
15354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	15353	15151	1	22047
15355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	15354	1715	1	22048
15356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-}a_1^+)$	15355	15152	1	22049
15357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta K^0K^-D^+\bar{D}^{*-}\bar{D}^{*-})$	15356	15153	1	22050
15358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \bar{K}^0n\bar{p}\bar{\Sigma}^+\Lambda$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}n\bar{p}\bar{\Sigma}^+\Lambda)$	15357	15154	1	22051
15359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*0}D_s^-)$	15358	15155	1	22052
15360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\eta D^-\bar{D}^{*-})$	15359	15156	1	22053
15361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta D^0$ $(e^+e^- \to \pi^0\pi^0\eta K^*D^{*+}\bar{D}^{*-}D^0)$	15360	15157	1	22054
15362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0D^-D^0\bar{D}^{*0})$	15361	15158	1	22055
15363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^0\rho^-\bar{D}^{*-}\bar{n}pD_1'^+)$	15362	15159	1	22056
15364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-p\bar{p}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+D^+D^-D_s^-p\bar{p})$	15363	15160	1	22057
15365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^-D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^+p\bar{\Delta}^{++}\Sigma^+\bar{\Sigma}^-)$	15364	15161	1	22058
15366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+D^-n\bar{n})$	15365	15162	1	22059
15367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta D^+D^-)$	15366	15163	1	22060
15368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^-D^{*+}D_s^+a_1^-)$	15367	15164	1	22061

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^+K^-K^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^+K^+K^-K^-D^-D^{*+})$	15368	15165	1	22062
15370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^-K^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^-K^-K^{*+}D^{*+}\bar{D}^{*0})$	2044	2038	1	22063
15371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\eta D^{*+}\bar{D}^{*-}n\bar{n}a_1^-)$	15370	15167	1	22064
15372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^+K^*K^-D^+D^-\gamma)$	15371	15168	1	22065
15373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^0\rho^0K^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0K^+D^-D^-)$	15372	15169	1	22066
15374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+K^-D_s^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+K^-D^{*+}D_s^+D_s^-)$	15373	15170	1	22067
15375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^-D_s^{*+}\chi_{c1})$	15374	15171	1	22068
15376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^-K^{*+}D^{*+}D^{*+})$	15375	15172	1	22069
15377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \eta\eta K^*K^-D^+$ $(e^+e^- \to \eta\eta K^0K^*K^-D^+D^+\bar{D}^{*-})$	15376	15173	1	22070
15378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^0\bar{D}^0)$	15377	15174	1	22071
15379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^{*0}\bar{D}^{*0}D_s^{*-}D_1^+)$	2045	2039	1	22072
15380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\rho^0\rho^+\omega\bar{K}^0\bar{D}^{*-}J/\psi\gamma)$	15379	15176	1	22073
15381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\Delta^0\bar{\Sigma}^+)$	15380	15177	1	22074
15382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-D^+\Delta^0\bar{\Lambda}_c^-)$	15381	15178	1	22075
15383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to \pi^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0\bar{D}^0)$	15382	15179	1	22076
15384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^+K^{*-}\phi$ $(e^+e^- \to \pi^+\pi^-K^+K^{*-}\phi\Sigma^0\bar{\Sigma}^0)$	15383	15180	1	22077
15385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\omega D^-D_0^{*+})$	15384	15181	1	22078

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*D^-)$	15385	15182	1	22079
15387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p})$	2046	2040	1	22080
15388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^+K^{*-}D^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^0K^+K^{*-}\bar{D}^{*-}D^0)$	15387	15184	1	22081
15389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}\Delta^-\bar{\Delta}^0)$	15388	15185	1	22082
15390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta D^+D^-)$	15389	15186	1	22083
15391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+})$	15390	10503	1	22084
15392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \pi^-\rho^+K^0K^0D^-D^{*+}D^{*0})$	15391	15187	1	22085
15393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+D^-, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\rho^+\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	423	423	1	22086
15394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^0\bar{K}^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	15393	15189	1	22087
15395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega\omega D^+\bar{D}^{*-}n\bar{p})$	15394	15190	1	22088
15396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0K^-D^+D^{*+}\bar{D}^0D_s^{*-})$	15395	15191	1	22089
15397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to e^+\nu_eD_1^-$ $(e^+e^- \to e^+\nu_eD_s^{*+}D_1^-D_1^-)$	15396	15192	1	22090
15398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D_2^{*-}D_s^+)$	15397	15193	1	22091
15399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-n\bar{p}, \bar{B}^0 \to \rho^+\rho^+K^0K^-D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^+\rho^-K^0K^-D_s^-n\bar{p})$	15398	15194	1	22092
15400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^{*+}D^{*+}\bar{D}^{*-})$	15399	15195	1	22093
15401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, B^0 \to \pi^0\rho^0\rho^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	15400	15196	1	22094
15402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \eta D^+\Delta^0\bar{\Sigma}_c^0a_1^-)$	15401	15197	1	22095

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	15402	15198	1	22096
15404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^-a_1^+)$	15403	15199	1	22097
15405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^*D^+D^-D^{*+})$	2048	2042	1	22098
15406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0a_0^0, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0J/\psi a_0^0)$	15405	15201	1	22099
15407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0p\bar{\Sigma}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{D}^0\bar{\Delta}^0p\bar{\Sigma}^{*-}\Lambda_c^+)$	15406	15202	1	22100
15408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\eta K^+K^+K^-D^+D^{*+}\bar{D}^0)$	15407	15203	1	22101
15409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \omega\bar{K}^0K^+K^-D^-D^{*+}\bar{D}^0)$	2049	2043	1	22102
15410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \pi^0\pi^0\rho^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\rho^-\omega K^-K^{*+}D^+D^+)$	15409	15205	1	22103
15411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-D^-\bar{D}^{*0}D_{s1}'^+)$	15410	15206	1	22104
15412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^0, B^0 \to \pi^+K^+K^-D^-$ $(e^+e^- \to \pi^+K^+K^+K^-D^-D^-D^0)$	15411	15207	1	22105
15413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	2050	2044	1	22106
15414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^*D^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-K^*D^+D^+\bar{D}^0)$	15413	15209	1	22107
15415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega K^{*+}D^+D^-D^{*0})$	15414	15210	1	22108
15416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	15415	15211	1	22109
15417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^{*0}\bar{D}^{*0}D_0^{*-})$	15416	15212	1	22110
15418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0K^*K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\bar{K}^0K^*K^-\bar{D}^{*-})$	15417	15213	1	22111
15419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+\bar{D}^{*-}a_1^+)$	15418	15214	1	22112

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^+D^-)$	15419	15215	1	22113
15421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega D^{*+}\bar{n}\Sigma_c^0)$	15420	15216	1	22114
15422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^-\bar{n}\Lambda_c^+)$	15421	15217	1	22115
15423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^+D^-D_s^{*+})$	15422	15218	1	22116
15424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\Delta^-\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \eta\omega K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\omega K^-K^{*+}D^{*0}\Delta^-\bar{\Sigma}_c^{*0})$	15423	15219	1	22117
15425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^+D^-\bar{D}^{*-})$	15424	15220	1	22118
15426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^-D_s^{*+}, \bar{B}^0 \to \omega D^+D_s^{*-}$ $(e^+e^- \to \omega K^*D^+D_s^-D_s^{*+}D_s^{*-})$	15425	15221	1	22119
15427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^0D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+D^-D^{*+}\Delta^+\bar{\Delta}^{++})$	15426	15222	1	22120
15428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	15427	15223	1	22121
15429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^-\pi^-\bar{K}^*K^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\bar{K}^*K^+\bar{D}^{*-}\bar{D}^0)$	15428	15224	1	22122
15430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to K^*D^-D^{*+}\bar{D}^{*-}D_s^+)$	15429	15225	1	22123
15431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_L\eta\bar{D}^{*-}\psi')$	15430	15226	1	22124
15432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, B^0 \to \pi^0\pi^0K^0\eta_c(2S)$ $(e^+e^- \to \pi^0\pi^0K^0D^-\bar{\Delta}^-\Delta^0\eta_c(2S))$	15431	15227	1	22125
15433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-n\bar{\Sigma}^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^-D^0D_s^-n\bar{\Sigma}^+)$	15432	15228	1	22126
15434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0K^-D^-D^0\bar{D}^0)$	15433	15229	1	22127
15435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*-})$	15434	15230	1	22128
15436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+D^-\bar{\Delta}^0\Delta^+)$	15435	15231	1	22129

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\rho^-K^0K^-D^+D_1'^-)$	15436	15232	1	22130
15438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}\bar{n}p)$	15437	15233	1	22131
15439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}D^{*+}\bar{D}^{*-}\gamma)$	2051	2045	1	22132
15440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0\Sigma^-\bar{\Xi}_c^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0\bar{D}^{*-}\Sigma^-\bar{\Xi}_c^0)$	15439	15235	1	22133
15441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Delta^{++})$	15440	15236	1	22134
15442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^0D^+D_s^+D_s^-D_s^{*-})$	15441	15237	1	22135
15443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^-)$	15442	15238	1	22136
15444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^-D^{*+}D^{*+})$	15443	15239	1	22137
15445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\omega K^0D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega K^0\bar{K}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega\omega K^0K^0\bar{K}^0D^{*+})$	2052	2046	1	22138
15446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	15445	15241	1	22139
15447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0D^+\bar{D}^0\bar{D}^0D_s^+)$	15446	15242	1	22140
15448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-})$	15447	15243	1	22141
15449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\pi^-\eta K^0D^+D^+)$	15448	15244	1	22142
15450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-D^+\bar{D}^0D_s^{*+})$	15449	15245	1	22143
15451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^*K^-D^{*+}J/\psi)$	15450	15246	1	22144
15452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0K^-D^-D^{*+})$	15451	15247	1	22145
15453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\eta D^-, B^0 \to \rho^0\pi^+\pi^-\pi^-K^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta K^+D^-)$	15452	15248	1	22146

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta' D^+\bar{D}^{*-})$	15453	15249	1	22147
15455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c'^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^- D^{*+}D_s^{*-}p\bar{\Xi}_c'^0)$	15454	15250	1	22148
15456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\rho^+\omega\omega\bar{K}^0K^+D^-D^0)$	2053	2047	1	22149
15457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\rho^-\bar{K}^0D^-D^{*+})$	15456	15252	1	22150
15458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-})$	15457	15253	1	22151
15459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^+\pi^-K^-K^{*+}\eta' D^+\bar{D}^{*-}p\bar{p})$	15458	15254	1	22152
15460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-})$	2054	2048	1	22153
15461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^{*+}D_1'^-)$	15460	15256	1	22154
15462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^+D^-D^{*+}D^{*0})$	15461	15257	1	22155
15463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^+K^{*-}D^-, B^0 \to \pi^0\rho^0\omega D^-\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^+K^{*-}D^-D^-\bar{n}p)$	15462	15258	1	22156
15464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\eta K^{*+}D^{*+}\bar{D}^{*0})$	15463	15259	1	22157
15465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+D^{*+}\Delta^-n\bar{\Delta}^0\bar{p})$	15464	15260	1	22158
15466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta\omega K^-D^-)$	15465	15261	1	22159
15467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^-D^{*+}n\bar{n})$	2055	2049	1	22160
15468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\eta'\eta_c, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0K^0\eta'\eta_c\bar{\Delta}^+\Sigma_c^{*+})$	15467	15263	1	22161
15469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta K^0\bar{K}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta K^0\bar{K}^0D^+)$	15468	15264	1	22162
15470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eD_2^{*+}D_s^{*-}D_1^+)$	424	424	1	22163

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to K^0\bar{K}^*K^-D^-D^{*+}\bar{D}^0D_s^{*+})$	15470	15266	1	22164
15472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^-D_1^+)$	15471	15267	1	22165
15473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^+\pi^+\eta K^-D^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\eta K^-D^-D^-D^0\Sigma^0\bar{\Sigma}^0)$	15472	15268	1	22166
15474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+K^-K^{*+}D^-D^0)$	15473	15269	1	22167
15475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\bar{D}^{*-}n\bar{n})$	15474	15270	1	22168
15476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^-K^{*+}D^-D^0D_s^{*-})$	15475	15271	1	22169
15477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^0K^-D^+\bar{D}^{*-})$	15476	15272	1	22170
15478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^-\bar{D}^0D_s^{*+})$	15477	15273	1	22171
15479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\omega D^+\bar{D}^{*-}D_s^-)$	15478	15274	1	22172
15480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	15479	15275	1	22173
15481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0K^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega K^0K^-D^{*+})$	15480	15276	1	22174
15482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\omega D^-D^0)$	15481	15277	1	22175
15483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-})$	15482	15278	1	22176
15484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}J/\psi)$	15483	15279	1	22177
15485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta D^-D^-)$	15484	15280	1	22178
15486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{\Delta}^-n)$	15485	15281	1	22179
15487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+\bar{p}\Lambda, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^+D^{*+}\bar{p}\Lambda)$	15486	15282	1	22180

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^0K^-D^+\bar{D}^{*-}D^0\bar{D}^{*0})$	15487	15283	1	22181
15489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-\omega K^*D^{*+}\psi')$	15488	15284	1	22182
15490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\omega\omega\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\omega\bar{K}^0D^-D_s^{*+})$	15489	15285	1	22183
15491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\bar{D}^{*-}\bar{D}^0)$	15490	15286	1	22184
15492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+\rho^-D^-D_1'^-)$	15491	15287	1	22185
15493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}D_s^-)$	15492	12980	1	22186
15494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	15493	15288	1	22187
15495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-K^0D^{*+}\Delta^+\bar{\Sigma}_c^-)$	15494	15289	1	22188
15496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta'D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^0\eta'D^{*+}D^{*+}\bar{D}^{*-})$	2057	2051	1	22189
15497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	15496	15291	1	22190
15498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^0K^0\bar{K}^0\bar{K}^0\bar{K}^0D^{*+}\eta_c)$	15497	15292	1	22191
15499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^0K^-D_s^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\bar{K}^0K^-\bar{D}^{*-}D_s^+)$	2058	2052	1	22192
15500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}p\bar{p})$	15499	15294	1	22193
15501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+K^+K^-D^-, B^0 \to \pi^+\pi^-\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-K^{*+}D^-D^-)$	15500	15295	1	22194
15502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+)$	2059	2053	1	22195
15503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0n\bar{n})$	15502	15297	1	22196
15504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^-D_0^{*+})$	15503	15298	1	22197

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^-\rho^+D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+D^{*+}\bar{D}^{*-}D_1^-)$	15504	15299	1	22198
15506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega K^0\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-})$	2060	2054	1	22199
15507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\rho^+K^*D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+K^*D^-D_s^{*-})$	15506	15301	1	22200
15508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-})$	15507	15302	1	22201
15509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	15508	15303	1	22202
15510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0D^+D^-)$	15509	15304	1	22203
15511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*0}p\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}D^{*0}p\bar{p}a_1^+)$	15510	15305	1	22204
15512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^{*+}D_1'^-)$	2061	2055	1	22205
15513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{p}\Sigma_c^{*0}a_1^+)$	15512	15307	1	22206
15514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*+}D_s^-)$	15513	15308	1	22207
15515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta D^-D^{*+})$	15514	15309	1	22208
15516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \rho^0\rho^-D^+\bar{D}^{*-}\bar{p}\Sigma_c^{++})$	2062	2056	1	22209
15517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0\Delta^-\bar{\Delta}^0)$	15516	15311	1	22210
15518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+})$	15517	15312	1	22211
15519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}\eta_c, \bar{B}^0 \to \eta\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^-\eta\omega\omega K^{*+}D^{*0}\eta_c)$	15518	15313	1	22212
15520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+D_2^{*-}D_s^+)$	15519	15314	1	22213
15521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^*D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\omega K^0K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega\omega K^0K^*K^-D^0D_s^{*-})$	15520	15315	1	22214

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^{*-}D^0\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Sigma}^-)$	15521	15316	1	22215
15523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	15522	15317	1	22216
15524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\omega D^+\bar{D}^{*-}D_s^{*-})$	15523	15318	1	22217
15525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega K^{*+}K^{*-}D^-D^{*+})$	15524	15319	1	22218
15526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0D^-, \bar{B}^0 \to \rho^0\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\omega D^-D^0)$	15525	8821	1	22219
15527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\omega\bar{K}^0\bar{D}^0\psi')$	15526	15320	1	22220
15528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^0D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-D^{*+}D_s^-)$	15527	15321	1	22221
15529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+D^-D^{*+}D_{s1}'^-)$	2063	2057	1	22222
15530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\omega D^-D^{*+})$	15529	15323	1	22223
15531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\eta\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	15530	15324	1	22224
15532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+D^-D_s^{*-})$	15531	15325	1	22225
15533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^0)$	15532	15326	1	22226
15534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^-D_0^{*+})$	15533	15327	1	22227
15535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \pi^+\pi^-K^0\chi_{c0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0D_1^-\chi_{c0})$	15534	15328	1	22228
15536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	15535	15329	1	22229
15537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0K^*K^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0K^*K^-D^{*+}a_1^-)$	2064	2058	1	22230
15538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*0}a_1^-)$	15537	15331	1	22231

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\omega K^0 D^- D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^0 D^- D^- D^0)$	15538	15332	1	22232
15540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^- D^{*+}$ $(e^+e^- \to K^- K^{*+} D^{*+}\bar{D}^{*-}D^{*0})$	15539	15333	1	22233
15541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^+\Sigma^{*0}$ $(e^+e^- \to K^{*+}\bar{D}^{*-}D^0 D_s^{*+}\bar{\Delta}^+\Sigma^{*0})$	15540	15334	1	22234
15542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^+\eta K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\eta K^{*-}D_1^-)$	15541	15335	1	22235
15543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-\eta\bar{K}^0 D^{*+}D^{*+})$	15542	15336	1	22236
15544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0 K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^+\omega K^0 K^0 K^{*-}D^{*+}\bar{D}^{*-})$	15543	15337	1	22237
15545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^-K^0\bar{K}^* D^+\bar{D}^{*-}D_s^{*+})$	15544	15338	1	22238
15546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-})$	15545	15339	1	22239
15547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0 D^-\bar{D}^{*-}D^0)$	15546	15340	1	22240
15548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^+K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-})$	15547	15341	1	22241
15549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+\gamma, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^-D^+D_2^{*-}D_s^+n\bar{n}\gamma)$	2065	2059	1	22242
15550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_s^+\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+\bar{\Delta}^0\Sigma^{*-})$	15549	15343	1	22243
15551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^+K^0K^-D^{*+}\bar{D}^{*-})$	15550	15344	1	22244
15552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0\bar{\Delta}^0\bar{p}\Delta^+\Delta^+)$	15551	15345	1	22245
15553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \eta'\bar{n}\Sigma_c^0$ $(e^+e^- \to \eta'\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma_c^0)$	15552	15346	1	22246
15554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^+D^-\bar{D}^{*-})$	15553	9767	1	22247
15555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	15554	15347	1	22248

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^+$ $(e^+e^- \to \rho^-\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-})$	15555	15348	1	22249
15557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	15556	15349	1	22250
15558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\rho^-\bar{D}^0D_s^{*+}\bar{n}\Sigma_c^+)$	15557	15350	1	22251
15559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^+$ $(e^+e^- \to \eta\omega\bar{K}^0\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	15558	15351	1	22252
15560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\omega p\bar{\Delta}^+\bar{\Lambda}_c^-\Sigma_c^{++})$	15559	15352	1	22253
15561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{K}^*D^-\bar{D}^{*-}D^0)$	15560	15353	1	22254
15562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	15561	5011	1	22255
15563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \rho^+\bar{K}^0K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-})$	15562	15354	1	22256
15564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \pi^+K^-\bar{D}^{*-}\chi_{c2}D_{s1}'^+)$	15563	15355	1	22257
15565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^+\rho^+\rho^-\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\omega D^-\bar{D}^{*-}a_1^+)$	15564	15356	1	22258
15566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to K^+D^-D^0$ $(e^+e^- \to \tau^+\nu_\tau K^+D^-D^-D^0)$	15565	15357	1	22259
15567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^-D^{*+})$	15566	14799	1	22260
15568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^+D^-\bar{n}\Lambda$ $(e^+e^- \to \pi^+\pi^-K^*K^+D^-D^{*+}\bar{D}^{*-}\bar{n}\Lambda)$	15567	15358	1	22261
15569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*\Lambda\bar{\Sigma}_c^0D_1^+)$	15568	15359	1	22262
15570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega D^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^-\omega D^{*+}D^{*+}\bar{D}^0D_{s0}^{*-})$	15569	15360	1	22263
15571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-K^0\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^-K^0\bar{K}^0K^+D^-D_1'^+)$	15570	15361	1	22264
15572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D^0D_1^+)$	15571	15362	1	22265

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-K^{*+}D^-D^{*0}D^{*0})$	15572	15363	1	22266
15574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to K^+D^-D^-D^{*0}D_s^+)$	15573	15364	1	22267
15575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	15574	15365	1	22268
15576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta'D^-, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^+\eta K^0K^{*-}\eta'D^+D^-)$	15575	15366	1	22269
15577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^-D^+D_0^{*+})$	15576	15367	1	22270
15578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^*\bar{K}^*K^+D^+D^-)$	15577	15368	1	22271
15579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D_2^{*+}D_1'^+)$	15578	15369	1	22272
15580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0K^*D^+D_s^{*-}\Lambda\bar{\Sigma}_c^0)$	2066	2060	1	22273
15581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0})$	15580	15371	1	22274
15582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	15581	15372	1	22275
15583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^*K^+K^-\eta_c$ $(e^+e^- \to e^+\nu_e\bar{K}^*K^+K^-D^-\eta_c)$	15582	15373	1	22276
15584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^+\rho^-K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-K^-\bar{D}^{*-})$	2067	2061	1	22277
15585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, B^0 \to \pi^0\rho^0K^0\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0K^0\bar{D}^{*-}\bar{D}^{*0}\gamma)$	15584	15375	1	22278
15586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \rho^-K^+K^-D^+$ $(e^+e^- \to \rho^+\rho^-\eta K^+K^-D^+D^-)$	15585	15376	1	22279
15587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta\omega D^{*+}D^{*+}D_s^{*-})$	15586	15377	1	22280
15588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^+K^-\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+K^-D^-\bar{D}^{*-}D^0)$	15587	15378	1	22281
15589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta K^-K^{*+}K^{*+}D^+D^-D^0)$	15588	15379	1	22282

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^-K^+\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^-K^+\bar{D}^0\bar{D}^0D^{*0}D_s^{*+})$	15589	15380	1	22283
15591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^+D^{*0}D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}D^{*0}D_s^-)$	15590	15381	1	22284
15592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	15591	15382	1	22285
15593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, B^0 \to K^0\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^*K^+K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-})$	15592	15383	1	22286
15594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D_s^{*+}D_1'^+D_1'^-)$	15593	15384	1	22287
15595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega K^0\bar{K}^*D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^0\bar{K}^*D^-D^{*+})$	15594	15385	1	22288
15596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}D_{s1}'^-)$	15595	15386	1	22289
15597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\bar{D}^{*-}D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	15596	15387	1	22290
15598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^+D^-D_s^{*+})$	15597	15388	1	22291
15599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-})$	15598	15389	1	22292
15600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\omega D^-\bar{D}^{*-})$	15599	11636	1	22293
15601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-D^0, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega D^-D^{*+}D^0)$	15600	15390	1	22294
15602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}D_1'^-)$	15601	15391	1	22295
15603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0J/\psi n\bar{\Sigma}_c^0)$	15602	15392	1	22296
15604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}D_s^+D_s^{*+})$	15603	15393	1	22297
15605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+D^-\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\bar{K}^0D^+D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	15604	15394	1	22298
15606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^-p\bar{\Omega}_c^0, B^0 \to \pi^0\pi^0K^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0K^0K^-D^+D^-p\bar{\Omega}_c^0)$	2068	2062	1	22299

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 J/\psi, \bar{B}^0 \to \pi^0\pi^+\eta K^{*-}\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K^0 K^{*-} J/\psi\bar{p}\Lambda_c^+)$	15606	15396	1	22300
15608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\bar{K}^* D^+ D^- D^{*+} D_s^-)$	15607	15397	1	22301
15609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	15608	15398	1	22302
15610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-, \bar{B}^0 \to \rho^0\pi^-\pi^- D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^- D^{*+}\bar{n}p)$	15609	15399	1	22303
15611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- a_1^+, B^0 \to \bar{D}^{*-} D_{s1}'^+$ $(e^+e^- \to D^-\bar{D}^{*-} a_1^+ D_{s1}'^+)$	15610	15400	1	22304
15612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta D^+ D_s^-$ $(e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-} D_s^-)$	15611	15401	1	22305
15613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\rho^-\eta\omega\omega K^- K^{*+} D^+\bar{D}^{*-})$	15612	15402	1	22306
15614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+} n\bar{\Lambda}$ $(e^+e^- \to K^0 K^- D^{*+} D^{*+}\bar{D}^{*-} n\bar{\Lambda})$	15613	15403	1	22307
15615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^- K^{*+} D^+ D^- D^{*0})$	15614	15404	1	22308
15616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\eta\omega K^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta\eta\omega\omega K^0 D^{*+})$	15615	15405	1	22309
15617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\eta D^+ D_2^{*-})$	15616	15406	1	22310
15618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^*\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\eta K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0 K^* K^{*-} D^+\bar{D}^0)$	15617	15407	1	22311
15619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega\bar{D}^{*-} n\bar{p}, \bar{B}^0 \to \bar{K}^0 D_s^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\omega\bar{K}^0\bar{D}^{*-} D_s^+ D_s^{*-} n\bar{p})$	15618	15408	1	22312
15620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^- K^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^- K^* K^+ D^{*+}\bar{D}^{*-} D_s^-)$	15619	15409	1	22313
15621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \omega\bar{K}^0 D^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega\omega\bar{K}^0 D^- D^0)$	15620	15410	1	22314
15622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0 K^+ K^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0 K^+ K^- D^+ D^-)$	15621	15411	1	22315
15623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\omega\bar{K}^0\eta_c\Delta^0\bar{\Sigma}_c^0)$	15622	15412	1	22316

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c(2S), \bar{B}^0 \to \rho^-K^0\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0K^0\bar{K}^0\phi D^+\eta_c(2S))$	15623	15413	1	22317
15625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\omega D^+D^-D_s^+)$	15624	15414	1	22318
15626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_{s1}'^+)$	15625	15415	1	22319
15627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \rho^+\rho^-K^-J/\psi\Delta^+\bar{\Sigma}_c^{*0})$	15626	15416	1	22320
15628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}\bar{D}^{*0}D_s^{*+})$	15627	15417	1	22321
15629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\omega K^+J/\psi, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-\eta\omega K^+D^+D_s^{*-}J/\psi)$	15628	15418	1	22322
15630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*+})$	15629	15419	1	22323
15631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\bar{D}^{*0}D_1^-)$	15630	15420	1	22324
15632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to D^-D^0D_s^{*+}n\bar{n})$	15631	15421	1	22325
15633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+D^-D^{*0}\bar{D}^{*0})$	15632	15422	1	22326
15634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_s^-)$	15633	15423	1	22327
15635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}D_1'^-)$	15634	15424	1	22328
15636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\pi^-\rho^+D^{*+}D^{*+})$	15635	15425	1	22329
15637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\bar{D}^{*-}D^{*0})$	15636	15426	1	22330
15638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-p\bar{\Lambda}_c^-, \bar{B}^0 \to \eta\eta\omega K^-D_s^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\eta\omega K^-D_s^{*+}p\bar{\Lambda}_c^-)$	15637	15427	1	22331
15639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}D^{*0})$	15638	15428	1	22332
15640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{\Delta}^+\Lambda_c^+)$	15639	15429	1	22333

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	15640	15430	1	22334
15642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*0})$	15641	15431	1	22335
15643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to D^-\bar{\Delta}^-\Delta^0$ $(e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	15642	15432	1	22336
15644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+K^0K^{*-}D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0K^{*-}D^+D^-)$	15643	15433	1	22337
15645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	15644	15434	1	22338
15646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0K^*K^-D^+K_1^0\psi(3770))$	15645	15435	1	22339
15647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+D^-)$	15646	15436	1	22340
15648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^+K^{*+}K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	15647	15437	1	22341
15649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^+D^{*+}D_s^{*-})$	15648	15438	1	22342
15650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\eta D^{*0}D^{*0})$	15649	15439	1	22343
15651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu D^0n\bar{n}D_1^-)$	15650	15440	1	22344
15652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^*\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+K^*D^{*+}\bar{D}^0)$	15651	15441	1	22345
15653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta D^+\bar{D}^{*-}D^0)$	15652	15442	1	22346
15654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	15653	15443	1	22347
15655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\eta K^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^-\eta K^+D^+)$	15654	15444	1	22348
15656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}\gamma, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to D^-J/\psi\bar{\Delta}^+\Delta^{++}\bar{K}_1^0\gamma)$	15655	15445	1	22349
15657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^-)$	15656	15446	1	22350

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+ D_s^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega\eta' D^+$ $(e^+e^- \to \rho^0\rho^-\eta\omega K^+\eta' D^+ D_s^{*-})$	15657	15447	1	22351
15659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^+ D^-\bar{\Delta}^+\Delta^{++})$	15658	15448	1	22352
15660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^+ D^-)$	15659	15449	1	22353
15661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to K^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\eta K^-\bar{D}^{*-}\bar{\Delta}^0\Delta^{++}\bar{\Delta}^{++}\Lambda_c^+)$	15660	15450	1	22354
15662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+ K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\omega\omega\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\eta\omega\omega K^0\bar{K}^0\bar{D}^{*-})$	15661	15451	1	22355
15663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^0\phi\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+ K^0\phi D^+\bar{D}^{*-})$	15662	15452	1	22356
15664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^+ D^+\bar{D}^{*-}D^{*0})$	15663	15453	1	22357
15665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^- D^+ p\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^+ D^+ p\bar{p})$	15664	15454	1	22358
15666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega\omega\bar{K}^* D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega\bar{K}^*\bar{D}^{*-}D_s^+)$	15665	15455	1	22359
15667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-})$	15666	15456	1	22360
15668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\pi^- K^0\psi'$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- K^0 D^-\psi')$	15667	15457	1	22361
15669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^+ D^-)$	2069	2063	1	22362
15670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- a_1^+, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega D^- D^- a_1^+)$	15669	15459	1	22363
15671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega K^0 K^- D^+ D^-)$	15670	15460	1	22364
15672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- K^+ D^{*+})$	425	425	1	22365
15673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0 D^+ D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	15672	15462	1	22366
15674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+ D^0 D_s^-, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^* K^+ D^{*+} D^0 D_s^-)$	15673	15463	1	22367

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\phi D^{*+}\eta_c)$	15674	15464	1	22368
15676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D^{*0}n\bar{\Delta}^0)$	15675	15465	1	22369
15677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\bar{D}^{*-}D_1^-)$	15676	15466	1	22370
15678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^{*-}D_s^+)$	15677	15467	1	22371
15679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}\bar{n}p)$	15678	15468	1	22372
15680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+n\bar{n}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+n\bar{n})$	15679	15469	1	22373
15681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0D^+\bar{D}^{*-}n\bar{p})$	15680	15470	1	22374
15682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^-\bar{\Delta}^-n)$	15681	15471	1	22375
15683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Sigma^-\bar{\Sigma}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*0})$	15682	15472	1	22376
15684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-\gamma, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega\omega D^+D^-\gamma)$	15683	15473	1	22377
15685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^0D^{*+}\bar{D}^{*0})$	15684	15474	1	22378
15686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^*D^+D^-D^{*0})$	15685	15475	1	22379
15687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, B^0 \to \rho^+K^*\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^+\eta K^*\bar{K}^*\bar{D}^{*-}\bar{D}^{*-})$	15686	15476	1	22380
15688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega\bar{D}^{*-}D_1^+)$	15687	15477	1	22381
15689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D^0)$	15688	15478	1	22382
15690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\omega\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	15689	15479	1	22383
15691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^-D^{*+})$	15690	15480	1	22384

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0D^+\bar{D}^{*-})$	15691	15481	1	22385
15693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_s^+D_1^-)$	15692	15482	1	22386
15694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0})$	15693	15483	1	22387
15695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta K^+K^-D^-D^{*+})$	426	426	1	22388
15696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}D_1^-)$	15695	15485	1	22389
15697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\rho^+\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	15696	15486	1	22390
15698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\pi^-D^{*+})$	15697	15487	1	22391
15699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^+, B^0 \to \pi^+\pi^+\rho^+\rho^-K^*K^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^*K^-D^-D^-D_s^+)$	15698	15488	1	22392
15700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-K_0^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\omega D^+K_0^{*+})$	15699	15489	1	22393
15701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	15700	15490	1	22394
15702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0K^0K^*K^{*-}D^+D^-D^{*+})$	2072	2066	1	22395
15703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_1^0\psi', B^0 \to \omega n\bar{\Sigma}_c^0$ $(e^+e^- \to \omega n\bar{\Sigma}_c^0K_1^0\psi')$	15702	15492	1	22396
15704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\bar{D}^{*-}D^0D_s^{*-})$	15703	15493	1	22397
15705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D_1'^+)$	15704	15494	1	22398
15706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-\pi^-K^0\bar{K}^0D^+\bar{n}\Sigma_c^+)$	15705	15495	1	22399
15707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+K^-\chi_{c0}$ $(e^+e^- \to \pi^+K^+K^-\bar{D}^{*-}D^0\chi_{c0})$	15706	15496	1	22400
15708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\omega D^{*+}\bar{D}^{*-}a_1^-)$	2073	2067	1	22401

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\rho^+K^+D^{*+}D_s^{*-})$	15708	15498	1	22402
15710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta K^*D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^*D^-\bar{D}^{*-})$	15709	15499	1	22403
15711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-\eta' D^+$ $(e^+e^- \to \rho^-\eta' D^+\bar{D}^{*-}D_{s1}'^+)$	15710	15500	1	22404
15712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^*K^-D^+\bar{D}^{*-}D_{s1}'^+)$	15711	15501	1	22405
15713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to K^*D^+\bar{D}^{*-}$ $(e^+e^- \to K^*D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	15712	15502	1	22406
15714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	15713	15503	1	22407
15715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}n\bar{\Sigma}_c^-)$	15714	15504	1	22408
15716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-K^+K^-D^{*+}\bar{D}^{*-})$	15715	15505	1	22409
15717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-})$	15716	15506	1	22410
15718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta\eta\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\eta K^0D^-D^0D^0)$	15717	15507	1	22411
15719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	15718	15508	1	22412
15720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^+\eta\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^+\eta\omega D^-\bar{D}^{*-})$	15719	15509	1	22413
15721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0D^+D^-)$	15720	15510	1	22414
15722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}D^{*+}p\bar{p})$	15721	15511	1	22415
15723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-\Delta^+\bar{\Delta}^+)$	15722	15512	1	22416
15724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-K^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\rho^-K^-D_0^{*-})$	15723	15513	1	22417
15725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega D^+D^{*+})$	15724	15514	1	22418

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+D^-D_s^{*-})$	15725	15515	1	22419
15727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+D_2^{*-})$	15726	15516	1	22420
15728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0D^+n\Delta^0\bar{p}\bar{\Xi}_c^0)$	15727	15517	1	22421
15729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0K^*D^{*+}\bar{D}^{*-}D^{*0})$	15728	15518	1	22422
15730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^-D_1^+)$	15729	15519	1	22423
15731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-D_2^{*+}\bar{D}^0)$	15730	15520	1	22424
15732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D_s^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^{*0}D_s^-D_s^{*+})$	2074	2068	1	22425
15733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\Lambda\bar{\Sigma}_c^-, B^0 \to \pi^-\rho^+\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^+K^{*+}D^-\Lambda\bar{\Sigma}_c^-)$	15732	15522	1	22426
15734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^+D^+\bar{\Sigma}^+\Sigma^-)$	2075	2069	1	22427
15735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\rho^-D^-D_2^{*+})$	15734	15524	1	22428
15736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*+}K^{*-}D^-\bar{D}^{*0})$	15735	15525	1	22429
15737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^-D^-D^0n\bar{\Delta}^0)$	15736	15526	1	22430
15738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta D^{*+}p\bar{\Sigma}_c^0)$	2076	2070	1	22431
15739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+K^+K^-D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^+K^-D^-D^{*0}D_s^{*-})$	15738	15527	1	22432
15740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0K^0\bar{K}^0K^*\bar{K}^*, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^0K^0\bar{K}^0K^*\bar{K}^*D^+)$	15739	15528	1	22433
15741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^+D^-\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta D^-D^-\Lambda\bar{\Sigma}^0)$	15740	15529	1	22434
15742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Sigma^0\bar{\Omega}^+, \bar{B}^0 \to \pi^-\pi^-\omega D^{*+}\bar{n}p$ $(e^+e^- \to \pi^-\pi^-\omega D^{*+}D_s^-\bar{n}p\Sigma^0\bar{\Omega}^+)$	2077	2071	1	22435

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta D^+\bar{D}^{*-}\gamma)$	15742	15531	1	22436
15744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{D}^0)$	15743	15532	1	22437
15745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\pi^+D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+D^+D^-n\bar{\Delta}^{++})$	15744	15533	1	22438
15746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-K^0D^-D^{*+})$	2078	2072	1	22439
15747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-K^+K^-D^+D_s^+D_1'^-)$	15746	15535	1	22440
15748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Lambda}\Xi_c'^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega D^{*+}\bar{\Lambda}\Xi_c'^+)$	15747	15536	1	22441
15749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^{*+}\eta_c, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\eta_c a_1^-)$	15748	15537	1	22442
15750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^+\bar{\Sigma}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega D^+D_s^{*-}\Delta^+\bar{\Sigma}^0)$	15749	15538	1	22443
15751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^-K^{*+}D^+\bar{D}^{*-})$	15750	15539	1	22444
15752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+K^*\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\rho^+\rho^+K^*D^{*+}\bar{D}^0)$	15751	15540	1	22445
15753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^-K^{*+}D^0\bar{D}^0$ $(e^+e^- \to \pi^-K^{*+}D^-D^0\bar{D}^0D_s^+)$	15752	15541	1	22446
15754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^0K^+K^{*-}\bar{D}^0, \bar{B}^0 \to K^*\bar{\Delta}^0\Omega_c^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta K^0K^*K^+K^{*-}\bar{D}^0\bar{\Delta}^0\Omega_c^{*0})$	15753	15542	1	22447
15755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D_s^+\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-D_s^+\bar{\Delta}^+\Sigma^0)$	15754	15543	1	22448
15756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^0, \bar{B}^0 \to \pi^0K^0K^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^-\eta'D^{*+}D^0)$	15755	15544	1	22449
15757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^{*+}\bar{D}^0)$	15756	15545	1	22450
15758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{\Sigma}^0\Xi^0, \bar{B}^0 \to \eta K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \eta K^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Xi^0)$	15757	15546	1	22451
15759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^-\eta\bar{K}^*K^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta\bar{K}^*K^+\bar{D}^{*-}\bar{D}^0)$	15758	15547	1	22452

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+D^-n\bar{p})$	15759	15548	1	22453
15761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0)$	15760	15549	1	22454
15762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0K^{*-}D^+\bar{D}^{*-}a_1^+)$	15761	15550	1	22455
15763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0\bar{K}^0\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^0\bar{K}^0\bar{K}^0K^+D^-D^{*+})$	15762	15551	1	22456
15764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{K}^0K^*\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0\bar{K}^0K^*D_2^{*+}\bar{D}^0)$	15763	15552	1	22457
15765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}\Delta^+\bar{\Lambda})$	15764	15553	1	22458
15766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_eD^-D^{*0}p\bar{\Delta}^+)$	15765	15554	1	22459
15767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega K^+K^{*-}D^+D^-)$	15766	15555	1	22460
15768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, B^0 \to \pi^0\pi^0\rho^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-K^-K^{*+}D^-\bar{D}^{*-})$	15767	15556	1	22461
15769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+D^{*0}nn\bar{\Delta}^0\bar{p})$	15768	15557	1	22462
15770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0D^-D_s^+)$	15769	15558	1	22463
15771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0)$	15770	15559	1	22464
15772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \rho^0\pi^+\omega\omega\omega K^-\bar{D}^{*0}\chi_{c2})$	15771	15560	1	22465
15773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}D^{*0})$	15772	15561	1	22466
15774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{p}\Lambda_c^+)$	15773	15562	1	22467
15775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta K^*\bar{D}^{*-}\bar{D}^{*-}D^0)$	15774	15563	1	22468
15776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-K^+K^+K^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-K^+K^+K^-D^{*+})$	15775	15564	1	22469

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^+D^-\gamma)$	15776	15565	1	22470
15778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	15777	15566	1	22471
15779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*0})$	15778	15567	1	22472
15780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-\omega K^0\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^0K^+\bar{D}^{*-}D_s^-)$	15779	15568	1	22473
15781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+})$	15780	15569	1	22474
15782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	15781	15570	1	22475
15783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\bar{K}^0K^+D^-D^{*+}a_1^-)$	15782	15571	1	22476
15784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0p, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega D^+D^-\bar{\Delta}^0p)$	15783	15572	1	22477
15785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^0p\bar{p})$	15784	15573	1	22478
15786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	15785	15574	1	22479
15787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}n\bar{\Sigma}_c^0)$	15786	15575	1	22480
15788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^0\pi^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	15787	15576	1	22481
15789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^*p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega K^*D^+p\bar{\Lambda}_c^-)$	15788	15577	1	22482
15790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega\bar{K}^0D^+D^{*+})$	15789	15578	1	22483
15791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^0a_1^+)$	15790	15579	1	22484
15792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta\omega D^{*+}D^{*+})$	15791	15580	1	22485
15793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0n\bar{n})$	15792	15581	1	22486

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-K^*\bar{K}^*D^-D^{*+})$	15793	15582	1	22487
15795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*0}D_s^{*+})$	15794	15583	1	22488
15796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-D^0)$	15795	15584	1	22489
15797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-D^+D^-\Sigma^0\bar{\Sigma}^-)$	2079	2073	1	22490
15798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\pi^-K^0\bar{K}^0D^+\bar{D}^{*0})$	15797	15586	1	22491
15799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*D^+D^-D^{*0}\bar{D}^{*0})$	15798	15587	1	22492
15800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \bar{K}^0K^+D^+D^-D_s^{*-})$	15799	15588	1	22493
15801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^-D^-D^{*+}\bar{D}^{*0})$	15800	15589	1	22494
15802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\eta K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\eta K^+K^-D^-D^{*0}D_s^{*+})$	15801	15590	1	22495
15803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0J/\psi, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}J/\psi)$	15802	15591	1	22496
15804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^0\bar{D}^{*0}J/\psi)$	15803	15592	1	22497
15805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to p\bar{\Lambda}_c^-, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to \omega K^0K^-D^{*+}p\bar{\Lambda}_c^-)$	15804	15593	1	22498
15806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\omega K^+K^-D^{*+}\bar{D}^{*-})$	15805	15594	1	22499
15807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^-D^{*+}D_s^+)$	15806	15595	1	22500
15808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	15807	15596	1	22501
15809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0D^{*+}\bar{D}^{*0})$	15808	15597	1	22502
15810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^0D^+\bar{D}^0D^{*0})$	15809	15598	1	22503

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\bar{K}^0K^+D^-D^{*+})$	15810	15599	1	22504
15812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-)$	15811	15600	1	22505
15813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^+D^-D_s^-)$	15812	15601	1	22506
15814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^+D^{*+}\bar{D}^{*-}D^{*0})$	15813	15602	1	22507
15815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^{*-}\bar{\Delta}^-\Sigma^0, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^0D^+\bar{D}^{*-}\bar{\Delta}^-\Sigma^0)$	15814	15603	1	22508
15816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\rho^+K^-D^{*0}$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^+K^-D^-D^{*0})$	15815	15604	1	22509
15817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	15816	15605	1	22510
15818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^-D^+D^-\bar{D}^{*0}D_s^+)$	15817	15606	1	22511
15819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-D^-D^{*+}D_s^{*+})$	15818	15607	1	22512
15820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\bar{K}^0D^+\bar{D}^{*-})$	15819	15608	1	22513
15821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega D^+D^-a_1^-)$	2080	2074	1	22514
15822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^+D^-)$	15821	15610	1	22515
15823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Lambda}\Sigma^+, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	15822	15611	1	22516
15824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to \bar{K}^*\chi_{c0}$ $(e^+e^- \to \bar{K}^*K_1^0\chi_{c0}\psi')$	15823	15612	1	22517
15825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0\bar{K}^*K^+, \bar{B}^0 \to \pi^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-K^0\bar{K}^*K^+K^+K^{*-}D^{*+})$	15824	15613	1	22518
15826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^0\bar{K}^0\bar{K}^0K^*D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^0K^0\bar{K}^0\bar{K}^0K^*K^{*-}D^-D^{*+}\bar{D}^0)$	15825	15614	1	22519
15827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-D^-D^{*+})$	15826	15615	1	22520

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^- D^+ D^{*+}\gamma)$	15827	15616	1	22521
15829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta D^0, \bar{B}^0 \to \pi^-\rho^+ K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^0 K^- D^+ D^0)$	15828	15617	1	22522
15830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+ K^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ K^0 D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	15829	15618	1	22523
15831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-})$	15830	15619	1	22524
15832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^- K^+ D^{*+}\bar{D}^{*-} D^0)$	2081	2075	1	22525
15833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	15832	15621	1	22526
15834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\eta\eta K^0, \bar{B}^0 \to \pi^0\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\eta\eta K^0 D^{*0})$	2082	2076	1	22527
15835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\omega\bar{K}^0\bar{K}^* K^{*+} D^-)$	15834	15623	1	22528
15836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-} D_1^+, \bar{B}^0 \to \pi^+\pi^+\rho^-\bar{K}^0 K^* K^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0 K^* K^{*-} D_s^{*-} D_1^+)$	15835	15624	1	22529
15837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^- D_1^+, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^{*+}\bar{D}^{*-} D_s^- D_1^+)$	15836	15625	1	22530
15838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-} D_s^{*+})$	15837	15626	1	22531
15839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^- D^- D^{*+} D_{s1}'^-)$	15838	15627	1	22532
15840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_{s1}'^+, B^0 \to \bar{K}^* K^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* K^+ D^-\bar{D}^{*-} D_{s1}'^+)$	15839	15628	1	22533
15841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- D^{*+} D_1^-)$	15840	15629	1	22534
15842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta K^* K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\eta K^* K^- D^{*+}\bar{D}^{*-})$	15841	15630	1	22535
15843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ K^* K^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+ K^* K^-\bar{D}^{*-} D^{*0})$	15842	15631	1	22536
15844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta\omega\bar{K}^* K^+ D^- D^{*+})$	2083	2077	1	22537

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D^-\bar{D}^{*-})$	15844	15633	1	22538
15846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-K^*D^+D^-D^{*+})$	15845	15634	1	22539
15847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	15846	15635	1	22540
15848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	2084	2078	1	22541
15849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^0D_s^{*-})$	15848	15637	1	22542
15850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	15849	15638	1	22543
15851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^{*+}D^-\bar{D}^{*-}D^0)$	15850	15639	1	22544
15852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\rho^-\omega K^+D^{*+}\bar{D}^{*0})$	15851	15640	1	22545
15853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s0}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to \rho^-D^+D_2^{*+}D_{s0}^{*-}\gamma)$	15852	15641	1	22546
15854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\rho^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^+K^{*-}D^-\bar{D}^{*-})$	15853	15642	1	22547
15855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta\omega D^+D^-)$	15854	15643	1	22548
15856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\eta\eta\omega\bar{D}^{*-}D^{*0})$	15855	15644	1	22549
15857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^{*+}D_0^{*+})$	15856	15645	1	22550
15858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	15857	15646	1	22551
15859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^-D^{*+})$	15858	15647	1	22552
15860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	15859	15648	1	22553
15861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, B^0 \to \pi^+\pi^-\rho^-\bar{D}^0\bar{n}\Delta^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-\bar{D}^0\bar{n}\Delta^+)$	15860	15649	1	22554

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^-K^{*+}D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0K^{*+}D^-D^{*+}D^{*+}\bar{D}^{*-})$	15861	15650	1	22555
15863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^-K^{*+}D^{*+}\bar{D}^0)$	2085	2079	1	22556
15864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to D^-D^{*+}\bar{D}^{*-}a_1^+)$	15863	15652	1	22557
15865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^+D^+D^-\gamma)$	2086	2080	1	22558
15866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*0}n\bar{p}, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\omega\omega\bar{D}^{*0}n\bar{\Delta}^0\bar{p}\Sigma_c^{*0})$	15865	15654	1	22559
15867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\eta\omega\bar{K}^0K^{*+}D^+D^-)$	15866	15655	1	22560
15868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^-\rho^+K^0\bar{K}^0\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{K}^0K^+D^-\bar{D}^{*-})$	15867	15656	1	22561
15869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \pi^-K^0K^+D^-D^{*+}D^0)$	15868	15657	1	22562
15870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D_2^{*-}D_0^{*+}\gamma)$	15869	15658	1	22563
15871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\pi^-D^+\bar{n}p$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^-\bar{n}p)$	2087	2081	1	22564
15872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{D}^{*0})$	15871	15660	1	22565
15873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to K^+D^-D^{*+}D^{*0}D_{s0}^{*-})$	15872	15661	1	22566
15874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \rho^0\pi^-\rho^+D^-D^0D_s^{*+})$	103	103	1	22567
15875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^{*-})$	428	428	1	22568
15876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0K^{*-}D^+\bar{D}^0)$	15875	15664	1	22569
15877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^+K^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0})$	15876	15665	1	22570
15878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^-K^{*+}\eta_c$ $(e^+e^- \to \pi^-K^{*+}D^-D_s^{*+}\eta_c)$	15877	15666	1	22571

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-\bar{D}^{*-}D_s^{*+})$	15878	15667	1	22572
15880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta K^+K^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta K^+K^-D^0\bar{D}^0)$	15879	15668	1	22573
15881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to K^0K^+K^-K^-D^+$ $(e^+e^- \to \rho^+K^0K^+K^-K^-D^+D_2^{*-})$	15880	15669	1	22574
15882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\omega K^-\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^-\eta_c D_1'^-)$	15881	15670	1	22575
15883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0D^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^{*+}D^0\bar{D}^0D_s^{*-})$	15882	15671	1	22576
15884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0})$	15883	15672	1	22577
15885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\eta\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-\eta\omega D^{*+}\bar{D}^0)$	15884	15673	1	22578
15886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-D_2^{*+}\bar{D}^0D_s^+)$	15885	15674	1	22579
15887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	15886	15675	1	22580
15888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	15887	15676	1	22581
15889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}D_2^{*-}D_s^+)$	2090	2084	1	22582
15890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+K^0\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0K^*D^+D^-)$	15889	15678	1	22583
15891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\bar{K}^0K^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*0})$	15890	15679	1	22584
15892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Xi_c'^+\gamma$ $(e^+e^- \to \pi^0\pi^+K^*D^-\bar{\Delta}^+\Xi_c'^+\gamma)$	15891	15680	1	22585
15893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+K^-\bar{D}^0D_s^+D_s^+)$	15892	15681	1	22586
15894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+})$	2091	2085	1	22587
15895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^-D^+$ $(e^+e^- \to e^+\nu_eK^-D^+D^-)$	15894	15683	1	22588

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^{*0})$	15895	15684	1	22589
15897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0D^+\bar{p}\Lambda$ $(e^+e^- \to \tau^+\nu_\tau K^0\bar{K}^0D^+\bar{D}^{*-}\bar{p}\Lambda)$	15896	15685	1	22590
15898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega K^0K^{*-}D^+D^-)$	15897	15686	1	22591
15899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta\bar{D}^{*-}D_0^{*+})$	15898	15687	1	22592
15900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}\gamma)$	15899	15688	1	22593
15901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*-})$	15900	15689	1	22594
15902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	15901	15690	1	22595
15903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^+)$	15902	15691	1	22596
15904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-})$	15903	15692	1	22597
15905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}D^{*+}D_s^-)$	15904	15693	1	22598
15906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^0D^{*0}\bar{D}^{*0}p\bar{p})$	15905	15694	1	22599
15907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega D^+\bar{D}^{*-})$	429	429	1	22600
15908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-})$	15907	15696	1	22601
15909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}p\bar{p})$	15908	15697	1	22602
15910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+})$	15909	15698	1	22603
15911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta\omega D^+D^{*+})$	15910	15699	1	22604
15912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0D^-D^{*+}\Sigma^-\bar{\Sigma}^0)$	15911	15700	1	22605

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-\gamma, \bar{B}^0 \to \pi^-\omega\bar{K}^0\bar{\Lambda}\Lambda_c^+$ $(e^+e^- \to \pi^-\omega\bar{K}^0D^{*+}\bar{\Lambda}\Lambda_c^+a_1^-\gamma)$	15912	15701	1	22606
15914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0D_s^+D_s^{*-})$	15913	15702	1	22607
15915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^*\bar{K}^*, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^*D_s^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*\bar{K}^*\bar{K}^*D_s^+\bar{n}p)$	2093	2087	1	22608
15916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0K^{*-}D^+D^{*+})$	15915	15704	1	22609
15917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0D^-\chi_{c2})$	15916	15705	1	22610
15918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*0})$	15917	15706	1	22611
15919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to D^-D^0D_s^{*+}n\bar{\Delta}^0)$	15918	15707	1	22612
15920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^*K^-D^+D^0\bar{D}^0\bar{D}^{*0})$	15919	15708	1	22613
15921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-)$	15920	15709	1	22614
15922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	15921	15710	1	22615
15923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+D^-D_s^-)$	15922	15711	1	22616
15924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-D^+D_2^{*-}p\bar{p})$	15923	15712	1	22617
15925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^+K^*\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+K^*\bar{D}^{*-}\bar{D}^{*-})$	15924	15713	1	22618
15926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}a_1^+)$	15925	15714	1	22619
15927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^{*-}D^+n\bar{\Sigma}^+$ $(e^+e^- \to \rho^0\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}n\bar{\Sigma}^+)$	15926	15715	1	22620
15928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^{*+}D^{*+}J/\psi)$	15927	15716	1	22621
15929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-}D_0^{*+})$	15928	15717	1	22622

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\eta K^{*+}D^-D^{*+}D^{*0})$	15929	15718	1	22623
15931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^{*0}\bar{D}^{*0})$	15930	15719	1	22624
15932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^+J/\psi\Delta^+\bar{\Sigma}_c^{--})$	15931	15720	1	22625
15933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\Lambda\bar{\Sigma}_c^-, B^0 \to \rho^0\rho^+\eta\omega D^-$ $(e^+e^- \to \rho^0\rho^+\eta\omega K^{*+}D^-\Lambda\bar{\Sigma}_c^-)$	15932	15721	1	22626
15934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^+\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	15933	15722	1	22627
15935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-\omega\omega D^+\bar{D}^{*-})$	15934	15723	1	22628
15936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-\bar{D}^0\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0})$	15935	15724	1	22629
15937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0p, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^-\bar{K}^0D^+D^-\bar{D}^0\bar{\Delta}^0p)$	15936	15725	1	22630
15938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+K^0D^+\Delta^0\bar{\Sigma}_c^0)$	15937	15726	1	22631
15939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^-D^+D^{*+}\bar{n}p)$	15938	15727	1	22632
15940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\omega K^0D^+\bar{D}^{*-})$	15939	15728	1	22633
15941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{D}^{*-}\bar{\Lambda}\Sigma^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Lambda}\Sigma^+)$	15940	15729	1	22634
15942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\eta_c(2S), \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^-K^+D^{*+}a_1^-\eta_c(2S))$	15941	15730	1	22635
15943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\omega\bar{K}^0K^+D^-, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	15942	15731	1	22636
15944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \rho^+K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^+K^-D^-D^{*0}D_s^+)$	15943	15732	1	22637
15945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}\bar{D}^{*-})$	15944	15733	1	22638
15946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^{*0}D_{s0}^{*-})$	15945	15734	1	22639

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega\omega D^+D^-)$	15946	15735	1	22640
15948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^0, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\omega K^+D^-D^0\bar{n}\Sigma_c^0)$	15947	15736	1	22641
15949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^-D^{*+}n\bar{n})$	15948	15737	1	22642
15950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \rho^0\rho^+\omega D^-$ $(e^+e^- \to \rho^0\rho^+\rho^+\omega\omega D^-D^-)$	2094	2088	1	22643
15951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-K^0D^{*+}D^{*+}\bar{D}^0D_s^{*-})$	15950	15739	1	22644
15952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	15951	15740	1	22645
15953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\omega D^{*0}D_0^{*-})$	15952	15741	1	22646
15954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\eta\omega$ $(e^+e^- \to \pi^+\rho^-\eta\omega\bar{D}^{*-}D_s^{*+})$	15953	15742	1	22647
15955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\eta\omega\eta' D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\omega\eta' D^+\bar{D}^{*-}D_{s1}'^+)$	15954	15743	1	22648
15956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\eta D^-D^0)$	15955	15744	1	22649
15957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\eta' D^+\bar{D}^{*-}D_s^{*+}D_s^{*-})$	15956	15745	1	22650
15958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\eta D^+\bar{D}^{*-}D_{s1}'^+)$	15957	15746	1	22651
15959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	15958	15747	1	22652
15960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*0}D_s^{*+})$	15959	15748	1	22653
15961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\pi^+D^+D^-)$	15960	15749	1	22654
15962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0\bar{K}^*K^+\bar{D}^{*-}D^{*0})$	15961	15750	1	22655
15963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^+n\bar{\Sigma}_c^0)$	15962	15751	1	22656

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^- D^{*+} D_{s0}^{*+})$	15963	15752	1	22657
15965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+ K^{*-} D^-, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta K^+ K^{*-} D^- D_2^{*+})$	15964	15753	1	22658
15966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^- K^0\bar{K}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^- K^0\bar{K}^0 D^{*+})$	15965	15754	1	22659
15967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\bar{K}^* K^{*+} D^{*+}\bar{D}^{*-})$	15966	15755	1	22660
15968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} J/\psi, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0 K^{*+}\bar{D}^0 D^{*0} J/\psi)$	15967	15756	1	22661
15969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0\bar{K}^0 K^{*+} D^0$ $(e^+e^- \to \rho^+\rho^-\bar{K}^0\bar{K}^0 K^{*+}\bar{D}^{*-} D^0)$	15968	15757	1	22662
15970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to D^+ J/\psi K_1^0 a_1^-)$	2095	2089	1	22663
15971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-} D_1^+)$	15970	15759	1	22664
15972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-\gamma, \bar{B}^0 \to \pi^-\bar{K}^0 D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\omega\bar{K}^0 D^- D^{*+}\bar{D}^0\gamma)$	15971	15760	1	22665
15973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \rho^0\rho^+ D^+ D^- n\bar{p})$	15972	15761	1	22666
15974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+} p\bar{\Sigma}_c^{*-})$	15973	15762	1	22667
15975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^{*-}\eta_c, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+ K^- K^{*-} D^{*+}\bar{D}^{*0}\eta_c)$	15974	15763	1	22668
15976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 D^- D^0, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^+\rho^- K^0 D^- D^{*+} D^0)$	15975	15764	1	22669
15977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega K^0 K^- D^{*+}\bar{D}^{*-})$	15976	15765	1	22670
15978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\rho^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^- D^{*0})$	15977	15766	1	22671
15979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-} D^0 D_s^{*-})$	15978	15767	1	22672
15980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0 D^- D^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^- K^{*+} K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^- K^0 K^- K^{*+} K^{*-} D^- D^{*+} D^0)$	15979	15768	1	22673

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1^-, B^0 \to \pi^0\pi^-\omega\bar{K}^0K^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+\bar{D}^0D_s^+D_1^-)$	15980	15769	1	22674
15982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	15981	15770	1	22675
15983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+D_s^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+D^+D_s^-D_s^{*-})$	15982	15771	1	22676
15984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0D^{*+}\bar{D}^{*-}D^{*0})$	15983	15772	1	22677
15985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0K^*\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^0\Sigma_c^{*+})$	15984	15773	1	22678
15986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^-D^+D^{*0})$	15985	15774	1	22679
15987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^-K^+D^-D^{*+}$ $(e^+e^- \to \pi^-K^+K^+D^-D^-D^{*+}D^{*0})$	2096	2090	1	22680
15988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}\bar{p}\Delta^{++}a_1^-)$	15987	15776	1	22681
15989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D_0^{*-}D_1^+)$	15988	15777	1	22682
15990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0})$	15989	15778	1	22683
15991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to \mu^+\nu_\mu K_S\eta_cD_0^{*-})$	15990	15779	1	22684
15992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{\Delta}^+\Sigma^0, \bar{B}^0 \to \pi^+K^-D^-\bar{\Sigma}^+\Lambda$ $(e^+e^- \to \pi^+K^-D^+D^-\bar{\Delta}^+\bar{\Sigma}^+\Lambda\Sigma^0)$	2097	2091	1	22685
15993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^*\bar{\Delta}^+\Xi_c^+$ $(e^+e^- \to \pi^+K^*\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Xi_c^+)$	15992	15781	1	22686
15994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	15993	15782	1	22687
15995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^0)$	15994	15783	1	22688
15996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+})$	15995	15784	1	22689
15997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	15996	15382	1	22690

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
15998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^0D_s^{*+})$	15997	15785	1	22691
15999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^+\Sigma^{*-}\bar{\Sigma}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}\Sigma^{*-}\bar{\Sigma}^{*0})$	15998	15786	1	22692
16000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^*K^{*+}D^{*0}\bar{D}^{*0})$	15999	15787	1	22693
16001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^*D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+K^*D^-D^{*+}D_{s1}'^-\gamma)$	16000	15788	1	22694
16002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^+D^-D^-)$	16001	15789	1	22695
16003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^0, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \omega\bar{K}^0D^0\psi')$	16002	15790	1	22696
16004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^+\bar{p}\Xi_c'^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+J/\psi\bar{p}\Xi_c'^0)$	16003	15791	1	22697
16005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-})$	16004	15792	1	22698
16006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^*D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^*D^-D^0)$	430	430	1	22699
16007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^+D_1^+)$	16006	15794	1	22700
16008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	16007	15795	1	22701
16009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+K^0K^-D^+\Delta^0\bar{\Sigma}_c^-)$	16008	15796	1	22702
16010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}D_{s1}'^-)$	16009	15797	1	22703
16011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_1^+D_1'^-)$	16010	15798	1	22704
16012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \rho^0\eta D^+n\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\eta D^+n\bar{p}D_1^+)$	16011	15799	1	22705
16013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\eta D^+\bar{D}^{*-})$	16012	15800	1	22706
16014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^-K^+D^{*+}D^0\bar{D}^0D_s^{*-})$	16013	15801	1	22707

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^-, B^0 \to \rho^0\rho^+K^0\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+K^0\bar{K}^*\bar{D}^{*-})$	16014	15802	1	22708
16016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D_s^+\psi(3770))$	16015	15803	1	22709
16017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^0K^-K^{*-}\eta'\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+K^0K^-K^{*-}\eta'\bar{D}^{*-}\bar{D}^{*0})$	16016	15804	1	22710
16018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0)$	16017	15805	1	22711
16019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+K^-D^+D^-\bar{D}^{*0})$	16018	15806	1	22712
16020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^{*+}D_0^{*-})$	16019	15807	1	22713
16021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-})$	16020	15808	1	22714
16022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+D^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\bar{K}^*\bar{K}^*K^+D^+D^-D^-)$	16021	15809	1	22715
16023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\eta K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^+K^{*+}K^{*-}D^+D^0\bar{D}^{*0})$	2099	2093	1	22716
16024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-\bar{\Delta}^-\Sigma^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^-\bar{\Delta}^-\Sigma^-D_0^{*+})$	16023	15810	1	22717
16025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}D_{s1}'^+)$	16024	15811	1	22718
16026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta K^-D^-D^{*+})$	16025	15812	1	22719
16027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^0\pi^+\omega D^-J/\psi\bar{K}_1^0)$	16026	15813	1	22720
16028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \eta D_2^{*+}D_s^-\bar{n}\Sigma_c^0)$	2100	2094	1	22721
16029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^{*0}D_s^{*-}D_1^+)$	16028	15815	1	22722
16030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0J/\psi, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^{*+}J/\psi)$	16029	15816	1	22723
16031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-K^*D^+D^{*+}\bar{D}^{*-})$	16030	15817	1	22724

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D^+ \bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- K^0\bar{K}^0 D^+ D^0\bar{D}^0)$	16031	15818	1	22725
16033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^+ K^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega K^+ K^- D^- D^{*+})$	16032	15819	1	22726
16034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^+\bar{D}^{*0})$	16033	15820	1	22727
16035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \eta K^0 K^- D^{*+}$ $(e^+e^- \to \rho^+\eta K^0 K^- D^{*+}\Delta^0\bar{\Sigma}_c^-)$	16034	15821	1	22728
16036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \mu^+\nu_\mu K^-\bar{\Delta}^+\Sigma_c^{++} D_1^-)$	16035	15822	1	22729
16037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^-\bar{D}^0)$	16036	15823	1	22730
16038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0 D^{*+}\bar{D}^0)$	16037	15824	1	22731
16039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^- K^0 K^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^- K^0 K^- D^{*+}\bar{D}^{*-})$	16038	15825	1	22732
16040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{\Delta}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^0 n\bar{\Delta}^0)$	16039	15826	1	22733
16041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\eta D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\eta D^{*+} D^0\bar{D}^0)$	16040	15827	1	22734
16042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_s^- D_0^{*+})$	16041	15828	1	22735
16043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\omega K^+ K^- D^+ D^-)$	16042	15829	1	22736
16044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\eta' D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega\eta' D^- D^{*+})$	16043	15830	1	22737
16045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\Sigma^{*0}\bar{\Xi}_c'^-, B^0 \to K^+ D^- D^{*0}$ $(e^+e^- \to \pi^+ K^+ D^- D^{*0}\Sigma^{*0}\bar{\Xi}_c'^-)$	16044	15831	1	22738
16046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^-, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^- D^{*0}\Delta^0\bar{\Delta}^0)$	16045	15832	1	22739
16047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\bar{K}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^-\eta\bar{K}^0 D^-)$	16046	15833	1	22740
16048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0 D^+ D^-)$	16047	15834	1	22741

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0K^+K^-K^{*+}D^-D^{*+})$	16048	15835	1	22742
16050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+})$	16049	15836	1	22743
16051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^-\omega\eta' D^{*+}$ $(e^+e^- \to \rho^-\eta\omega\eta' D^{*+}\Delta^0\bar{\Sigma}_c^0)$	16050	15837	1	22744
16052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^-\pi^-\rho^+K^+\bar{D}^0p\bar{p}$ $(e^+e^- \to \pi^-\pi^-\rho^+K^0K^+D^{*+}\bar{D}^{*-}\bar{D}^0p\bar{p})$	16051	15838	1	22745
16053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \omega K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	16052	15839	1	22746
16054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0D^+\bar{D}^{*0})$	16053	15840	1	22747
16055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^-\omega\bar{K}^0D^+$ $(e^+e^- \to \pi^-\omega\bar{K}^0D^+D^-D_s^{*+})$	16054	15841	1	22748
16056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^*D^0\bar{D}^0)$	16055	15842	1	22749
16057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\eta K^0K^-D^{*+}\bar{D}^{*-})$	16056	15843	1	22750
16058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	16057	14044	1	22751
16059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c1}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0D^-\chi_{c1})$	16058	15844	1	22752
16060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega\bar{K}^0K^+D^+\bar{D}^{*-})$	16059	15845	1	22753
16061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^*D^+D^-D^{*+})$	16060	15846	1	22754
16062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^0)$	16061	15847	1	22755
16063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+D^0, \bar{B}^0 \to \pi^0\pi^-\eta K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta K^+K^-K^{*+}D^{*+}D^0)$	16062	15848	1	22756
16064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^+\rho^-\omega\omega D^+\bar{D}^{*-})$	16063	15849	1	22757
16065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Delta^-\bar{n}\gamma)$	16064	15850	1	22758

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+D^+D_s^-)$	16065	15851	1	22759
16067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^+D_s^-, \bar{B}^0 \to \pi^0\eta\bar{\Sigma}^-\Xi_c^+$ $(e^+e^- \to \pi^0\eta\omega D^+D_s^-\bar{\Sigma}^-\Xi_c^+)$	16066	15852	1	22760
16068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D^-D^{*+}D_s^{*-}\gamma)$	16067	15853	1	22761
16069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to \pi^0\pi^0\eta D^0\bar{D}^0)$	16068	15854	1	22762
16070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\eta D^-D^{*0})$	16069	15855	1	22763
16071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^+\bar{K}^*D^-D^0D_1'^-)$	16070	15856	1	22764
16072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-)$	2101	2095	1	22765
16073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-D^-D_1'^+)$	16072	15858	1	22766
16074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*\bar{K}^*D^-, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \rho^+\bar{K}^0K^*\bar{K}^*D^-\bar{\Lambda}\Sigma_c^0)$	16073	15859	1	22767
16075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^-D_s^+)$	16074	15860	1	22768
16076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^-D^{*+})$	16075	15861	1	22769
16077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\rho^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\rho^-K^0K^{*-}D^+D^{*+}a_1^-)$	16076	15862	1	22770
16078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D^-\bar{\Lambda}\Sigma^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^-D^{*+}\bar{\Lambda}\Sigma^+)$	2102	2096	1	22771
16079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^-\bar{K}^*K^+D^+D^+)$	16078	15864	1	22772
16080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+\bar{D}^{*-}D_2^{*-})$	16079	15865	1	22773
16081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+})$	16080	15866	1	22774
16082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta D^-D_2^{*+})$	16081	15867	1	22775

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\bar{D}^{*-}D_1^+)$	16082	15868	1	22776
16084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^{*+}D_s^{*-}\chi_{c1})$	16083	15869	1	22777
16085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^+)$	16084	15870	1	22778
16086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+\Lambda\bar{\Sigma}^{*-}$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}\Lambda\bar{\Sigma}^{*-})$	16085	15871	1	22779
16087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta' D^-, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\eta' D^-\bar{D}^{*-})$	16086	15872	1	22780
16088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \eta\bar{K}^0K^+K^{*-}$ $(e^+e^- \to \eta\bar{K}^0K^+K^+K^{*-}\bar{D}^{*-}D^{*0})$	16087	15873	1	22781
16089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^0\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^*D^0\bar{D}^{*0}\bar{n}p)$	16088	15874	1	22782
16090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega K^-D^+\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega K^-D^+D^{*+}\bar{D}^0)$	16089	15875	1	22783
16091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}D_{s1}'^+)$	16090	15876	1	22784
16092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{D}^{*-}\bar{\Delta}^-\Delta^0\Delta^{++}\bar{\Delta}^{++})$	16091	15877	1	22785
16093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\omega K^0K^-D^-D^{*+})$	2103	2097	1	22786
16094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+K^*K^-K^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+K^*K^-K^-\bar{D}^{*-}D^{*0}D_s^{*+})$	16093	15879	1	22787
16095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0\bar{D}^{*-}D^{*0})$	16094	15880	1	22788
16096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c'^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}\bar{\Delta}^0\Xi_c'^+)$	16095	15881	1	22789
16097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{K}^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	16096	15882	1	22790
16098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-D^{*+}p\bar{\Xi}_c^0)$	16097	15883	1	22791
16099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^-D^{*+}\bar{n}p)$	16098	15884	1	22792

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- D^{*+} D^{*+} n\bar{n})$	2104	2098	1	22793
16101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}, \bar{B}^0 \to \pi^0\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^0 D^{*0})$	16100	15886	1	22794
16102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D_2^{*+}\psi')$	16101	15887	1	22795
16103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+ D_0^{*+})$	16102	15888	1	22796
16104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+} D_2^{*-})$	16103	15889	1	22797
16105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\psi', \bar{B}^0 \to \rho^-\eta D^+\gamma$ $(e^+e^- \to \rho^-\eta K_S D^+\psi'\gamma)$	16104	15890	1	22798
16106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^-\eta D^+\bar{D}^{*0}\bar{n}\Delta^0)$	16105	15891	1	22799
16107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta K^*\bar{D}^{*-}, \bar{B}^0 \to \omega K^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\eta\eta\omega K^*K^+K^{*-}\bar{D}^{*-}D^0)$	16106	15892	1	22800
16108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^*\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^*\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	16107	15893	1	22801
16109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^- p\bar{p}, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \rho^+\rho^- D^-\bar{n}p\bar{p}\Lambda_c^+)$	16108	15894	1	22802
16110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D_s^+ D_s^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^-\eta K^+ D^{*+} D_s^+ D_s^-)$	16109	15895	1	22803
16111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \rho^- D_1'^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^- D^- D_1'^+\gamma)$	16110	15896	1	22804
16112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to K^* D_2^{*+} D_s^-\Lambda\bar{\Sigma}_c^0)$	16111	15897	1	22805
16113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\Delta^0\bar{\Lambda}, \bar{B}^0 \to \pi^0 K^0\bar{K}^0\bar{K}^0 n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0\bar{K}^0\bar{K}^0 n\bar{n}\Delta^0\bar{\Lambda})$	16112	15898	1	22806
16114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^* D^+ D^-\bar{D}^{*-})$	16113	14769	1	22807
16115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- K^0 D^+ D^- D^{*+})$	16114	15899	1	22808
16116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-})$	16115	15900	1	22809

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p})$	16116	15901	1	22810
16118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	16117	15902	1	22811
16119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0K^{*-}\eta'\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0K^{*-}\eta'D^{*+}\bar{D}^{*-}\bar{D}^0)$	16118	15903	1	22812
16120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^0\pi^+\rho^-D^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\rho^-D^{*+}D^0)$	16119	15904	1	22813
16121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+D^{*+}D_s^{*-})$	16120	15905	1	22814
16122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^-\pi^-K^*D^+D^{*+}\bar{D}^0p\bar{p})$	16121	15906	1	22815
16123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D_s^+D_s^-)$	16122	15907	1	22816
16124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-}D_1^+\gamma)$	16123	15908	1	22817
16125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	16124	15909	1	22818
16126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	16125	15910	1	22819
16127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	16126	15911	1	22820
16128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to \pi^0\pi^0\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\eta K^0K^{*-}D^-D^{*+}D_{s1}^+)$	16127	15912	1	22821
16129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	16128	15913	1	22822
16130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau K^*\bar{K}^*K^-D^{*+}D_1^-)$	16129	15914	1	22823
16131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^+)$	16130	15915	1	22824
16132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^-D^{*+})$	16131	15916	1	22825
16133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}\eta_c)$	2105	2099	1	22826

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \rho^0\rho^+D^-D^{*+}\Delta^0\bar{\Delta}^+)$	16133	15918	1	22827
16135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	16134	15919	1	22828
16136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^-K^*D^{*+}D^{*+}\bar{D}^{*0}\Delta^-\bar{\Delta}^0)$	16135	15920	1	22829
16137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta D^-\bar{D}^{*-})$	16136	15921	1	22830
16138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-\bar{D}^{*-}\chi_{c1})$	16137	15922	1	22831
16139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \eta\eta\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\eta\eta\omega D^-D^{*0})$	2106	2100	1	22832
16140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^0D^{*+}D^{*+}\bar{D}^{*0})$	16139	15924	1	22833
16141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c2}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^*D^0\chi_{c2})$	2107	2101	1	22834
16142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^+\pi^-\eta K^-D_s^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta K^-D^+D_s^+)$	16141	15926	1	22835
16143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK_SD^{*+}\eta_c)$	16142	15927	1	22836
16144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\omega D^+p\bar{\Lambda}_c^-)$	16143	15928	1	22837
16145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	16144	15929	1	22838
16146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^-\bar{\Delta}^0\Sigma_c^+)$	16145	15930	1	22839
16147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\bar{K}^0\bar{\Sigma}^{*-}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^-K^{*+}\bar{D}^{*-}\bar{\Sigma}^{*-}\Xi_c'^+)$	431	431	1	22840
16148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^+p\bar{p}D_0^{*+})$	16147	15932	1	22841
16149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{D}^0D^{*0})$	2109	2103	1	22842
16150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^0\rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\rho^-K^*D^{*+}\eta_cp\bar{p})$	16149	15934	1	22843

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-\bar{D}^{*-})$	16150	15935	1	22844
16152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	16151	15936	1	22845
16153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-K^+D^{*+}\chi_{c0})$	16152	15937	1	22846
16154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}\eta_c)$	16153	15938	1	22847
16155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^{*+}D_0^{*-})$	16154	15939	1	22848
16156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	16155	15940	1	22849
16157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+}J/\psi K_1^0)$	16156	15941	1	22850
16158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^-D^+D^-)$	16157	15942	1	22851
16159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-K^0\bar{K}^0\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0\bar{K}^0\bar{K}^*K^{*+}D^{*+}\bar{D}^{*0})$	16158	15943	1	22852
16160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta D^0\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^0\bar{D}^0)$	16159	15944	1	22853
16161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	16160	15945	1	22854
16162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^+)$	16161	15946	1	22855
16163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}\bar{\Delta}^-\Sigma^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}\bar{\Delta}^-\Sigma^-)$	16162	15947	1	22856
16164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^0K^-D^{*+}\bar{D}^{*0})$	16163	15948	1	22857
16165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-K^+D^+\eta_c)$	16164	15949	1	22858
16166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D_s^+D_1'^-)$	16165	15950	1	22859
16167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^+)$	16166	15951	1	22860

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega\omega\bar{K}^0D^-D^{*+}D^{*+})$	16167	15952	1	22861
16169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^{*+}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \rho^-\eta\omega K^0K^-D^+D^{*+})$	16168	15953	1	22862
16170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\eta D^+\bar{D}^{*-}D^{*0}D_s^-)$	16169	15954	1	22863
16171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+D^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+D^-\bar{D}^{*-}D^0)$	16170	15955	1	22864
16172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+\chi_{c1})$	16171	15956	1	22865
16173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^+n\bar{p}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^{*+}n\bar{p})$	16172	15957	1	22866
16174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^{*+})$	16173	15958	1	22867
16175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-D^+D^{*+}D_{s1}'^-)$	2110	2104	1	22868
16176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^-D^+D^-\bar{D}^{*0}D_s^{*+})$	16175	15960	1	22869
16177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \omega K^0K_2^{*0}J/\psi\bar{\Sigma}^+\Sigma^-)$	16176	15961	1	22870
16178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0)$	2111	2105	1	22871
16179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta D^+D^-)$	16178	15963	1	22872
16180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-D^+\bar{D}^{*-}D_s^-)$	16179	15964	1	22873
16181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^+D^0)$	16180	15965	1	22874
16182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+D^+D^-)$	16181	15966	1	22875
16183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	2112	2106	1	22876
16184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^-\bar{\Delta}^-n, \bar{B}^0 \to \omega K^+K^{*-}K^{*-}D^+$ $(e^+e^- \to \pi^0\omega\omega K^+K^{*-}K^{*-}D^+D^-\bar{\Delta}^-n)$	16183	15968	1	22877

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^+K^-D^{*+}\bar{D}^{*-})$	16184	15969	1	22878
16186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega\bar{K}^*D^{*+}\bar{D}^0D_s^{*+})$	2113	2107	1	22879
16187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	16186	15971	1	22880
16188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*-})$	16187	15972	1	22881
16189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^+\Delta^+\bar{\Sigma}_c^{--})$	16188	15973	1	22882
16190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	16189	15974	1	22883
16191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-})$	16190	15975	1	22884
16192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+\eta D^{*+}D_1^-)$	16191	15976	1	22885
16193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	16192	15977	1	22886
16194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{p}\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*+}\bar{p}\Delta^+)$	16193	15978	1	22887
16195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	16194	15979	1	22888
16196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}n\bar{n})$	2114	2108	1	22889
16197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	16196	15981	1	22890
16198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}n\bar{\Delta}^+)$	16197	15982	1	22891
16199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	16198	15983	1	22892
16200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{K}^0K^*K^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\bar{K}^0K^*K^+D^{*+})$	16199	15984	1	22893
16201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+K^{*+}\phi D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+K^{*+}\phi D^{*+}D_s^{*-})$	16200	15985	1	22894

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	16201	15986	1	22895
16203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^+D^{*+}D_s^-\Delta^-\bar{\Delta}^0)$	16202	15987	1	22896
16204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\bar{K}^*K^+D^-D^{*+})$	16203	15988	1	22897
16205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, B^0 \to \pi^0\pi^0D^-\bar{n}p$ $(e^+e^- \to \pi^0\pi^0D^-\bar{D}^0\bar{n}p\Delta^+\bar{\Sigma}^-)$	16204	15989	1	22898
16206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^-\eta'D^{*+}\gamma$ $(e^+e^- \to \rho^-\eta'D^-D^{*+}D_s^+\gamma)$	16205	15990	1	22899
16207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\phi D^-, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+\phi D^+D^-)$	16206	15991	1	22900
16208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta K^0\bar{K}^0K^{*+}D^+D^-D^0)$	16207	15992	1	22901
16209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-K^+D^{*+}D^{*+}\bar{D}^{*-})$	16208	15993	1	22902
16210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta K^+K^-\bar{D}^{*-}D^{*0})$	16209	15994	1	22903
16211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^-D^+\bar{D}^{*-})$	16210	15995	1	22904
16212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	16211	15996	1	22905
16213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega K^+D^+D^0\bar{D}^0)$	16212	12301	1	22906
16214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	16213	15997	1	22907
16215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^-)$	16214	15998	1	22908
16216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+K^0D^-D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^0D^-\bar{D}^{*-}D^{*0})$	16215	15999	1	22909
16217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0\Lambda\bar{\Sigma}^{*0}, \bar{B}^0 \to \rho^+K^-\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^+K^-\bar{D}^0\bar{\Delta}^0\Lambda\bar{\Sigma}^{*0}\Sigma_c^{*0})$	16216	16000	1	22910
16218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\bar{D}^{*-}p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}p\bar{\Delta}^{++})$	16217	16001	1	22911

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Sigma^{*0}\bar{\Xi}_c^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega K^{*+}D^+\Sigma^{*0}\bar{\Xi}_c^-)$	16218	16002	1	22912
16220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, B^0 \to \pi^0\pi^0\pi^-D^-\bar{\Delta}^-p$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D^-\bar{\Delta}^-p)$	16219	16003	1	22913
16221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0\gamma)$	16220	16004	1	22914
16222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^0)$	16221	16005	1	22915
16223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\omega K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^*D^+\bar{D}^0D_s^{*-})$	16222	16006	1	22916
16224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^{*0}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D^{*0}\Sigma^0\bar{\Sigma}^-)$	2115	2109	1	22917
16225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D_2^{*-}D^{*0}\bar{D}^{*0})$	16224	16008	1	22918
16226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0D^0\bar{D}^{*0})$	16225	16009	1	22919
16227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^{*+}K^{*-}D^{*+}D^{*+})$	16226	16010	1	22920
16228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	16227	16011	1	22921
16229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\omega D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\eta\omega\bar{D}^{*-}D^0)$	16228	16012	1	22922
16230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	16229	16013	1	22923
16231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0\bar{D}^{*0}D_s^+D_s^{*-})$	16230	16014	1	22924
16232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^0\pi^+K^0D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-K^0D^-\bar{D}^0D_s^{*+})$	16231	16015	1	22925
16233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+D^-)$	16232	16016	1	22926
16234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	16233	16017	1	22927
16235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta'D^+$ $(e^+e^- \to \pi^-\pi^-\eta K^+\eta'D^+D^+\bar{D}^{*-})$	16234	16018	1	22928

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 p\bar{p}, \bar{B}^0 \to \bar{K}^* D_s^- D_s^{*+}$ $(e^+e^- \to \bar{K}^* \bar{D}^0 D_s^- D_s^{*+} p\bar{p})$	16235	16019	1	22929
16237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^- K^+ K^- D^+$ $(e^+e^- \to \pi^- K^+ K^- D^+ D^- a_1^+)$	16236	16020	1	22930
16238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+\pi^- D^{*+} D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^- \pi^+\pi^- D^{*+} D_s^{*-})$	16237	16021	1	22931
16239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0 K^+ D^- D^0, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0 K^+ D^+ D^- D^0 D_s^{*-})$	16238	16022	1	22932
16240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \pi^0\pi^- \bar{D}^{*0}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0\pi^- K^0 K^{*-} D^{*+} \bar{D}^{*0})$	16239	16023	1	22933
16241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ \bar{K}^0 \bar{K}^0 D_s^+$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^-\pi^-\rho^+ \bar{K}^0 \bar{K}^0 \bar{D}^{*-} D_s^+)$	16240	16024	1	22934
16242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta' D^{*+} \bar{D}^0 D_s^{*+})$	16241	16025	1	22935
16243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta K^+ K^- D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta K^+ K^- D^+ D^- D_s^{*-})$	16242	16026	1	22936
16244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta K^* \eta' D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\eta\eta K^* \eta' D^{*+} D_s^-)$	16243	16027	1	22937
16245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+} D^-, \bar{B}^0 \to D^{*0} p\bar{\Delta}^+$ $(e^+e^- \to \bar{K}^* K^{*+} D^- D^{*0} p\bar{\Delta}^+)$	16244	16028	1	22938
16246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\omega\Lambda\bar{\Sigma}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \pi^+\rho^-\eta\omega D^{*+} \Lambda\bar{\Sigma}^0)$	16245	16029	1	22939
16247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 \bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \rho^0 K^0 D^{*+} \bar{D}^0)$	16246	16030	1	22940
16248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+ K^0 D^+ D_s^+ D_s^{*-})$	16247	16031	1	22941
16249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^- \bar{D}^{*-} n\bar{n} D_1^+)$	16248	16032	1	22942
16250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^+ K^* K^- D^-, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\eta\omega K^* K^- D^- D^-)$	16249	16033	1	22943
16251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\eta K^0 K^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^0 K^- D^{*0} D_s^{*+} D_1^-)$	16250	16034	1	22944
16252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\bar{K}^0 D^- D^- D^{*0})$	16251	16035	1	22945

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++})$	16252	16036	1	22946
16254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\eta\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^0)$	16253	16037	1	22947
16255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^{*+}K^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	16254	16038	1	22948
16256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0K^+K^-D^+D^+\bar{D}^{*-})$	16255	16039	1	22949
16257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0D_s^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0D_s^-\bar{\Delta}^+\Sigma_c^{++})$	16256	16040	1	22950
16258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	16257	16041	1	22951
16259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^{*+}D^{*+})$	16258	16042	1	22952
16260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}_1^0\psi', \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^*K^-D^+\bar{K}_1^0\psi')$	16259	16043	1	22953
16261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^*D^+D^-D^{*0})$	16260	16044	1	22954
16262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \omega D^{*0}n\Delta^0\bar{\Delta}^0\bar{\Sigma}_c^{*0})$	16261	16045	1	22955
16263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+D^0D_s^{*-})$	16262	16046	1	22956
16264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega K^-K^{*+}D^{*+}\bar{D}^{*-})$	16263	16047	1	22957
16265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+D^-D_s^{*+})$	16264	16048	1	22958
16266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+D^-\bar{D}^{*-})$	16265	16049	1	22959
16267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-})$	2116	2110	1	22960
16268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^+D^{*+}\bar{D}^{*0})$	16267	16051	1	22961
16269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^0K^0K^-K^-D^-D^{*+})$	16268	16052	1	22962

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0D^+\bar{D}^0a_1^-)$	16269	16053	1	22963
16271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^-D^{*+})$	16270	16054	1	22964
16272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^0, B^0 \to \pi^0\pi^0\rho^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^+K^+D^-D^-D^0)$	16271	16055	1	22965
16273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^-\omega D^{*+}D_2^{*-}D_s^+)$	16272	16056	1	22966
16274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0K^0D^+D^{*+}\bar{D}^{*-}n\bar{p})$	16273	16057	1	22967
16275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0\chi_{c0}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}\chi_{c0}a_1^+)$	16274	16058	1	22968
16276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^-D^+D^-)$	16275	16059	1	22969
16277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{K}^0K^*D^{*+}D^{*+})$	16276	16060	1	22970
16278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+\pi^-K^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-K^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	16277	16061	1	22971
16279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}\bar{n}p)$	16278	16062	1	22972
16280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta'\bar{\Delta}^{++}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}\bar{\Delta}^{++}\Lambda_c^+)$	16279	16063	1	22973
16281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	16280	16064	1	22974
16282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+})$	16281	16065	1	22975
16283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^-K^+D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+D^+\bar{D}^{*-}D_1^-)$	16282	16066	1	22976
16284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0D^+D^-D^{*0})$	16283	16067	1	22977
16285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^{*+}\bar{D}^0D_s^{*+})$	16284	16068	1	22978
16286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\eta D^+D^-)$	16285	16069	1	22979

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-\pi^-K^+D^{*+}D^{*+}\bar{D}^0D_s^{*-})$	16286	16070	1	22980
16288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0K^-K^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^0K^-K^{*+}D^{*+}\bar{D}^0)$	16287	16071	1	22981
16289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^{*+}D^0D_s^{*-}a_1^-)$	16288	16072	1	22982
16290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^-\bar{D}^{*0}n\bar{\Lambda}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0K^-K^-D^{*+}\bar{D}^{*0}n\bar{\Lambda})$	16289	16073	1	22983
16291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^+K^-D^{*0}D^{*0}\bar{D}^{*0})$	16290	16074	1	22984
16292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to K^*K^-D^-D^{*+}D_s^+)$	16291	16075	1	22985
16293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	432	432	1	22986
16294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^-\pi^-D^{*+}\bar{p}\Delta^+K_1^0\psi(3770))$	16293	16077	1	22987
16295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*\bar{D}^{*-})$	16294	16078	1	22988
16296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0D^+D^-D^-\bar{\Delta}^0\Delta^+)$	16295	16079	1	22989
16297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\omega\bar{K}^0\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	16296	16080	1	22990
16298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^*K^{*-}D^+\bar{D}^{*0}\bar{D}^{*0})$	16297	16081	1	22991
16299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \rho^+\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^+\omega D^-D_1^-)$	16298	16082	1	22992
16300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^{*+}D^{*+}D_{s1}'^-)$	16299	16083	1	22993
16301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	16300	16084	1	22994
16302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^0\pi^0\eta D^-\bar{\Delta}^-n$ $(e^+e^- \to \pi^0\pi^0\eta D^-D_2^{*-}D_s^+\bar{\Delta}^-n)$	2118	2112	1	22995
16303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\rho^+K^*K^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+K^*K^-D^-)$	16302	16086	1	22996

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+D^-D^{*0})$	16303	16087	1	22997
16305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}D^-\Delta^{++}\bar{\Sigma}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^-D^{*+}\Delta^{++}\bar{\Sigma}^0)$	16304	16088	1	22998
16306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^*D^{*+}J/\psi)$	16305	16089	1	22999
16307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	2119	2113	1	23000
16308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Lambda}\Xi_c^+$ $(e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}\bar{\Lambda}\Xi_c^+)$	16307	16091	1	23001
16309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0K^*K^-D^{*+}\bar{D}^{*-}\bar{n}p)$	16308	16092	1	23002
16310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-\bar{n}\Lambda, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}\bar{n}\Lambda)$	2120	2114	1	23003
16311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^+D^-D_s^{*+}D_1^-)$	16310	16094	1	23004
16312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\bar{K}^0D^+\bar{D}^{*-})$	16311	16095	1	23005
16313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta'D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\eta'D^{*+}D^{*+})$	2121	2115	1	23006
16314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-K^{*+}D^+\bar{D}^{*-})$	16313	16097	1	23007
16315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega K^0\bar{K}^*\phi D^-, B^0 \to \pi^0\rho^0\pi^+\eta K^0K^*K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta\omega K^0K^0K^*\bar{K}^*K^-\phi D^-)$	16314	16098	1	23008
16316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^-D^0)$	16315	16099	1	23009
16317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^+)$	16316	16100	1	23010
16318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega K^-K^{*+}K^{*+}K^{*-}D^{*+}\bar{D}^{*0})$	16317	16101	1	23011
16319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^0\eta'D^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0\eta'D^+D^{*0})$	16318	16102	1	23012
16320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^-D^{*+}D_1'^+)$	16319	16103	1	23013

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^*K^-D^+D^{*+}D'^-_{s1})$	16320	16104	1	23014
16322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*0})$	16321	16105	1	23015
16323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}\bar{D}^0J/\psi)$	16322	16106	1	23016
16324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^0\bar{K}^*\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	16323	16107	1	23017
16325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to D^-_sD'^+_1$ $(e^+e^- \to \pi^-D^{*+}D^-_sD'^+_1)$	16324	16108	1	23018
16326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*D^-\eta_c)$	16325	16109	1	23019
16327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	16326	16110	1	23020
16328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^-K^+D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^*K^+D^+D^-D^0\bar{D}^{*0})$	16327	16111	1	23021
16329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+K^0K^-D^{*+}\bar{D}^{*-}\gamma)$	16328	16112	1	23022
16330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^+D^{*-}_s$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*0}D^{*-}_s)$	16329	16113	1	23023
16331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\pi^+\eta D^+\bar{D}^{*-})$	16330	16114	1	23024
16332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^-D^+D^+)$	16331	16115	1	23025
16333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^-\eta\eta\omega\bar{K}^0K^+D^-D^{*+})$	2122	2116	1	23026
16334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	16333	10848	1	23027
16335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	16334	16117	1	23028
16336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to D^+D^{*-}_{s0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^+\bar{D}^{*0}D^{*-}_{s0})$	16335	16118	1	23029
16337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0K^0K^{*-}D^{*+}\bar{D}^{*0})$	16336	16119	1	23030

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^- p\bar{\Xi}_c'^0, B^0 \to K^+D^-D^0$ $(e^+e^- \to \pi^- K^+ D^- D^0 p\bar{\Xi}_c'^0)$	16337	16120	1	23031
16339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0D_s^-)$	16338	16121	1	23032
16340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+K^0K^{*-}D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0K^{*-}D^-D^{*+}D_{s1}'^-)$	16339	16122	1	23033
16341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^-\bar{D}^{*-}D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	16340	16123	1	23034
16342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_0^{*+})$	16341	16124	1	23035
16343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	16342	16125	1	23036
16344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\rho^+\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-\bar{D}^{*-})$	16343	16126	1	23037
16345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^+D^{*+}D_s^{*-})$	16344	16127	1	23038
16346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega K^-\bar{D}^{*-}\bar{D}^0D^{*0}\bar{n}p)$	16345	16128	1	23039
16347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}, \bar{B}^0 \to \pi^+\rho^-K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^-D^+D^+\bar{D}^{*0}D_s^{*-})$	16346	16129	1	23040
16348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^+\omega K^0K^-D^+D^-\bar{D}^0)$	16347	16130	1	23041
16349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\Lambda\bar{\Xi}^{*+}, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}\Lambda\bar{\Xi}^{*+})$	16348	16131	1	23042
16350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}p\bar{p})$	16349	16132	1	23043
16351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-)$	16350	16133	1	23044
16352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}D^{*0})$	16351	16134	1	23045
16353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^-D^{*+}D^{*+})$	16352	16135	1	23046
16354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\bar{D}^0D_s^+, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^0D_s^+)$	2123	2117	1	23047

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\pi^-\rho^+\omega\omega D^{*+}D_2^{*+})$	2124	2118	1	23048
16356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-})$	16355	16137	1	23049
16357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	16356	16138	1	23050
16358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-})$	16357	16139	1	23051
16359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^+D^-D^{*+})$	16358	16140	1	23052
16360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}a_1^+)$	16359	16141	1	23053
16361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0})$	16360	16142	1	23054
16362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \bar{K}^*D_s^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^*D^-D_s^{*+}D_s^{*-}\bar{\Delta}^-\Delta^0)$	16361	16143	1	23055
16363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^0D_s^-)$	16362	16144	1	23056
16364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^{*+}\gamma$ $(e^+e^- \to \rho^0\rho^-\eta\omega K^-D^{*+}D^{*+}\bar{D}^{*0}\gamma)$	16363	16145	1	23057
16365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\omega\bar{K}^0K^*K^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega\bar{K}^0K^*K^{*-}D^-D^{*0})$	16364	16146	1	23058
16366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D^{*+}D_s^{*+})$	16365	10011	1	23059
16367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\omega K^+\eta'D_s^{*-}, \bar{B}^0 \to \pi^0\rho^+D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\omega K^+\eta'D^-D^{*0}D_s^{*-})$	16366	16147	1	23060
16368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^0\rho^+D^-$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+D^-D^-)$	16367	16148	1	23061
16369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^0)$	16368	16149	1	23062
16370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^+D^-)$	16369	16150	1	23063
16371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^+\eta K^-J/\psi$ $(e^+e^- \to \rho^+\rho^-\eta K^-\bar{D}^0D_s^{*+}J/\psi)$	16370	16151	1	23064

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{D}^{*0}\bar{n}\Sigma_c^+)$	16371	16152	1	23065
16373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D_2^{*+})$	16372	16153	1	23066
16374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\eta\eta\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	16373	16154	1	23067
16375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\pi^-K^+D^0, B^0 \to \pi^0\pi^+\omega K^*K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^*K^+K^-D^0\bar{D}^0)$	16374	16155	1	23068
16376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega D^-D^{*+})$	16375	16156	1	23069
16377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta K^*\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta K^*\bar{D}^{*-}\bar{D}^{*-})$	16376	16157	1	23070
16378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	16377	16158	1	23071
16379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega\bar{K}^*K^{*+}D^+D^-)$	16378	16159	1	23072
16380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+D_s^-$ $(e^+e^- \to \rho^0K^0D^+D^{*+}\bar{D}^{*-}D_s^-)$	16379	16160	1	23073
16381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^-K^{*-}D^{*+}D^{*+}\bar{D}^{*0})$	16380	16161	1	23074
16382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta\bar{D}^{*-}D^0)$	16381	16162	1	23075
16383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\eta\bar{D}^0, B^0 \to \rho^0\pi^+\pi^-\omega K^*$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\omega K^*\bar{D}^0)$	16382	16163	1	23076
16384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega D^+D^-n\bar{p})$	2125	2119	1	23077
16385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^+\rho^-K^0\bar{K}^0D^-D_1'^+)$	16384	16165	1	23078
16386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0)$	16385	16166	1	23079
16387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\eta\bar{K}^*K^-D^-D^{*+})$	16386	16167	1	23080
16388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega\omega D^{*+}D_1'^-)$	433	433	1	23081

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^+K^+K^-D^+\bar{D}^{*-}D^0)$	16388	16169	1	23082
16390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	16389	16170	1	23083
16391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^{*+}\Delta^-\bar{\Delta}^0)$	16390	16171	1	23084
16392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\eta K^-\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-\bar{D}^{*0}\eta_c)$	2127	2121	1	23085
16393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-D^0, \bar{B}^0 \to \pi^0\pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^*K^-D^-D^0\psi')$	16392	16173	1	23086
16394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^*K^+K^-D^{*+}\eta_c)$	16393	16174	1	23087
16395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to \pi^-\eta D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\eta K^0D^-D^{*+}D^0p\bar{p})$	16394	16175	1	23088
16396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-})$	16395	16176	1	23089
16397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}D_s^+D_1^-)$	16396	16177	1	23090
16398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\rho^-D^+D^-)$	16397	16178	1	23091
16399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to K^*\bar{n}\Xi_c^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}\bar{n}\Xi_c^0)$	16398	16179	1	23092
16400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	16399	16180	1	23093
16401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\eta K^-D^-D^{*+}\bar{D}^0)$	16400	16181	1	23094
16402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\rho^-K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-\rho^-K^+D^+\bar{D}^{*0})$	16401	16182	1	23095
16403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^0K^-D^+\bar{D}^{*-})$	16402	16183	1	23096
16404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega D^-D^{*+}D_{s1}'^+)$	16403	16184	1	23097
16405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{\Delta}^-nD_1^+)$	16404	16185	1	23098

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0D^+\bar{D}^{*-}D_s^+n\bar{p})$	16405	16186	1	23099
16407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-D_2^{*-}\bar{D}^0D^{*0})$	16406	16187	1	23100
16408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \rho^+\omega D^{*+}\bar{D}^{*-}D_s^{*-}\gamma)$	16407	16188	1	23101
16409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-K^+K^{*-}D^+D^-)$	16408	16189	1	23102
16410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to \bar{K}^0\bar{K}^*D^-D_s^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*\bar{K}^*D^-D^{*+}\bar{D}^0D_s^+)$	16409	16190	1	23103
16411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-p\bar{p}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^+D^-D_s^-p\bar{p})$	16410	16191	1	23104
16412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^-\omega K^0K^-D^+D^+)$	16411	16192	1	23105
16413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^{*+}D^+\bar{D}^{*0})$	16412	16193	1	23106
16414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega\bar{K}^*D^-D^0\bar{D}^{*0})$	2128	2122	1	23107
16415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^-K^{*+}\bar{D}^{*-}D^{*0})$	16414	16195	1	23108
16416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0D^-, \bar{B}^0 \to \pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\omega K^0K^{*-}D^-D^{*0}\bar{D}^{*0})$	16415	16196	1	23109
16417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0D^{*+}\bar{D}^{*-})$	16416	16197	1	23110
16418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+K^-D^0\bar{D}^{*0}D_1'^-)$	2129	2123	1	23111
16419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\eta'D^-, \bar{B}^0 \to \eta D^0\bar{n}\Lambda$ $(e^+e^- \to \eta\omega K^+\eta'D^-D^0\bar{n}\Lambda)$	16418	16199	1	23112
16420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^+D^-D_1^-)$	16419	16200	1	23113
16421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	16420	16201	1	23114
16422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\eta D^+D^-)$	16421	16202	1	23115

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}D_0^{*+})$	16422	16203	1	23116
16424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\omega\bar{D}^{*-}D_1^+)$	16423	16204	1	23117
16425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^{*0}\bar{n}\Lambda, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-K^*D^{*+}\bar{D}^{*0}\bar{n}\Lambda)$	16424	16205	1	23118
16426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0p\bar{p}, \bar{B}^0 \to \rho^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^+\bar{D}^0np\bar{p}\bar{p})$	16425	16206	1	23119
16427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \rho^0\pi^-K^0\bar{D}^0\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^0D_2^{*-}\bar{D}^0\bar{n}p)$	16426	16207	1	23120
16428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \omega p\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\omega\bar{D}^{*-}p\bar{\Sigma}_c^{*-})$	16427	16208	1	23121
16429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0n\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\pi^+\bar{K}^0n\bar{\Delta}^+D_0^{*-})$	16428	16209	1	23122
16430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+D^-, B^0 \to \pi^-K^+\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^+D^-\bar{D}^0D^{*0})$	16429	16210	1	23123
16431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^*D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0K^*D^+D_s^-)$	16430	16211	1	23124
16432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-}D_1'^+)$	16431	16212	1	23125
16433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*-})$	16432	16213	1	23126
16434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0K^-D^{*+}D_0^{*+})$	16433	16214	1	23127
16435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-\gamma, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta\bar{K}^0K^{*+}D^-D^{*+}\gamma)$	16434	16215	1	23128
16436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}D_s^{*+})$	16435	16216	1	23129
16437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-})$	16436	16217	1	23130
16438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0K^+K^-D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0K^+K^-D^+D_s^{*-})$	16437	16218	1	23131
16439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	16438	16219	1	23132

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+\bar{D}^0D_s^+)$	2130	2124	1	23133
16441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-K^0D^{*+}n\bar{\Sigma}_c^0)$	16440	16221	1	23134
16442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_1^-)$	16441	16222	1	23135
16443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \eta K^0K^-D^+\bar{D}^{*-}D_s^{*+})$	16442	16223	1	23136
16444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-D^+D^-)$	16443	1547	1	23137
16445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	16444	5011	1	23138
16446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\eta D^-D^{*+})$	2131	2125	1	23139
16447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\pi^-\rho^+\eta'D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta'D^-\bar{D}^{*-}a_1^+)$	16446	16225	1	23140
16448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	2132	2126	1	23141
16449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^-\eta'D^{*+}\bar{D}^{*-}\bar{D}^0)$	16448	16227	1	23142
16450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\eta\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	16449	16228	1	23143
16451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-})$	16450	16229	1	23144
16452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^{*+}D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-K^{*+}D^+D^-D_1^+)$	2133	2127	1	23145
16453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega K^*K^-K^{*+}D^{*+}\bar{D}^0)$	2134	2128	1	23146
16454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{n}p)$	16453	16232	1	23147
16455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+K^+K^-\bar{D}^{*-}D^0)$	16454	16233	1	23148
16456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^-K^{*+}D^-, \bar{B}^0 \to \pi^+\rho^-\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega\bar{K}^0K^-K^{*+}D^-D^{*0})$	16455	16234	1	23149

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\bar{D}^{*-}n\bar{\Sigma}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}n\bar{\Sigma}^{*-})$	16456	16235	1	23150
16458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\eta K^{*+}K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\eta K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	16457	16236	1	23151
16459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+K^-D^-D^0\bar{D}^{*0}n\bar{p})$	16458	16237	1	23152
16460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^*D^0D_s^{*-}J/\psi)$	16459	16238	1	23153
16461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^*D^+D^-D_s^{*+})$	16460	16239	1	23154
16462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \pi^+\rho^+K^-D^+D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	16461	16240	1	23155
16463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	16462	16241	1	23156
16464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\omega D^+, \bar{B}^0 \to \pi^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega\omega K^+K^{*-}D^+D^{*+})$	16463	16242	1	23157
16465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^+K^0K^-K^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^0K^-K^-D_s^{*+}D_1^-)$	16464	16243	1	23158
16466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0\eta_cD_1'^-)$	16465	16244	1	23159
16467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+\gamma, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0D^-D_s^+\bar{p}\Lambda_c^+\gamma)$	16466	16245	1	23160
16468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^-D^+D^{*+}\bar{D}^0)$	16467	16246	1	23161
16469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\omega K^{*-}D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^{*-}\bar{D}^{*-}D_s^+)$	16468	16247	1	23162
16470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^-\pi^+D^{*0})$	16469	16248	1	23163
16471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	16470	16249	1	23164
16472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-\omega, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^{*+})$	16471	16250	1	23165
16473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^*\eta' D^{*+}D^0\bar{D}^0)$	16472	16251	1	23166

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+}p\bar{\Sigma}_c^-)$	16473	16252	1	23167
16475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\omega K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 K^- D^- D^{*+} D_s^{*+})$	16474	16253	1	23168
16476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \eta\omega K^0\bar{D}^0 D^{*0}\bar{\Delta}^0\Sigma_c^{*0})$	16475	16254	1	23169
16477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^- K^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^- K^0 D^{*+})$	16476	16255	1	23170
16478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^- D^+ D^{*+})$	16477	16256	1	23171
16479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	16478	13124	1	23172
16480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-} D_s^{*+})$	16479	16257	1	23173
16481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0\gamma$ $(e^+e^- \to \mu^+\nu_\mu K^{*-} D^- D^{*+}\bar{D}^0\gamma)$	16480	16258	1	23174
16482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^- K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^- K^{*+} D^+ D^- D_s^{*-})$	16481	16259	1	23175
16483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^-\bar{D}^{*-} D_2^{*+} D_s^-)$	16482	16260	1	23176
16484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{n}\Xi_c'^0)$	16483	16261	1	23177
16485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+} D^{*0})$	16484	16262	1	23178
16486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^+ K^{*-} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- K^+ K^{*-} D^+\bar{D}^{*-})$	16485	16263	1	23179
16487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^- K^0 K^0\bar{K}^0 K^- D^+$ $(e^+e^- \to \pi^+\rho^- K^0 K^0\bar{K}^0 K^- K^- D^+ D^{*+}\bar{D}^{*0})$	16486	16264	1	23180
16488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^- D^{*0})$	16487	16265	1	23181
16489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^0, B^0 \to \pi^0\pi^+\pi^- K^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0\bar{K}^0 D^- D^{*+}\Delta^0\bar{\Xi}_c^0)$	16488	16266	1	23182
16490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+} D^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \bar{K}^* K^{*+} D^- D^{*+} D_s^-)$	16489	16267	1	23183

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0 D^{*+}D^{*+}\bar{D}^{*-}\gamma)$	434	434	1	23184
16492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Lambda}_c^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \eta D^+ p\bar{\Lambda}_c^- a_1^-)$	16491	16269	1	23185
16493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega D^+\bar{D}^0 D_s^{*-})$	16492	16270	1	23186
16494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-})$	16493	16271	1	23187
16495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+ D^- D^0 D_s^-)$	16494	16272	1	23188
16496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D_2^{*+} J/\psi K_1^0)$	16495	16273	1	23189
16497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \pi^0\pi^0\rho^0\rho^0\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\rho^+ D^- D^-)$	16496	16274	1	23190
16498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-\bar{D}^0 D^{*0} D_s^{*+}\Delta^0\bar{\Delta}^0)$	16497	16275	1	23191
16499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^- K^- K^{*+} D^+$ $(e^+e^- \to e^+\nu_e\rho^- K^- K^{*+} D^+\bar{D}^{*-})$	16498	16276	1	23192
16500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+ D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to \pi^+\eta D^{*+}\Delta^-\bar{p}\Delta^+\bar{\Lambda}_c^-)$	16499	16277	1	23193
16501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^+ D^-)$	16500	16278	1	23194
16502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0 D^+ D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\bar{K}^0 K^* D^+ D^-\bar{D}^{*-})$	16501	16279	1	23195
16503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\bar{K}^* K^+ D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\pi^-\bar{K}^* K^+ D^- D^{*+})$	16502	16280	1	23196
16504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^+ K^-\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^+ K^- D^{*+}\bar{D}^0 D^{*0} D_{s1}'^-)$	16503	16281	1	23197
16505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to K^0 D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^-\eta K^0 D^+ D^{*+}\bar{p}\Lambda)$	16504	16282	1	23198
16506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to K^* K^- K^{*+} D^{*+}\bar{D}^{*-} D^{*0})$	2136	2130	1	23199
16507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- D^+ D_2^{*-})$	16506	16284	1	23200

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*\bar{K}^*K^+D^+D^-)$	16507	16285	1	23201
16509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1'^+)$	16508	16286	1	23202
16510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^0D^{*0}\bar{D}^{*0})$	16509	16287	1	23203
16511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^{*+}\bar{D}^{*-})$	16510	5677	1	23204
16512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}n\bar{n})$	2137	2131	1	23205
16513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\eta\bar{D}^{*0}\bar{n}\Sigma_c^0)$	16512	16288	1	23206
16514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi', \bar{B}^0 \to \bar{K}^*D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^*D_s^+D_s^{*-}\psi')$	16513	16289	1	23207
16515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^-\rho^+\bar{K}_0^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-\bar{n}p\bar{K}_0^{*0})$	16514	16290	1	23208
16516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0D^+D^-D^{*+})$	16515	16291	1	23209
16517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c(2S), B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^-K^+K^{*+}\bar{D}^{*-}D^{*0}\eta_c(2S))$	16516	16292	1	23210
16518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega K^0\bar{K}^*\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^*K^{*-}D^+D^-\bar{D}^{*0})$	16517	16293	1	23211
16519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	16518	16294	1	23212
16520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Xi}_c'^0, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-\bar{K}^*D^+n\bar{\Xi}_c'^0)$	16519	16295	1	23213
16521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*K^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega K^*K^-D^+\bar{D}^{*0})$	16520	16296	1	23214
16522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}\Delta^-\bar{n})$	16521	16297	1	23215
16523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+})$	16522	16298	1	23216
16524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^-D_s^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^*K^{*-}D^+\bar{D}^0D_s^-D_s^{*+})$	16523	16299	1	23217

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\eta\bar{K}^0K^*K^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\eta\bar{K}^0K^*K^-\bar{D}^{*-}\bar{D}^{*-})$	16524	16300	1	23218
16526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^-D_s^{*+})$	16525	16301	1	23219
16527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega D^+D^-D_{s1}'^-)$	16526	16302	1	23220
16528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^{*+}\eta'D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\bar{K}^*K^{*+}\eta'D^+D^-)$	16527	16303	1	23221
16529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0D^{*+}\Sigma^{*0}\bar{\Sigma}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}D^{*+}\Sigma^{*0}\bar{\Sigma}^{*-})$	16528	16304	1	23222
16530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\eta'D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\eta'D^+D^-)$	16529	16305	1	23223
16531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^0K^+D_s^{*-}, \bar{B}^0 \to \omega\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega K^0K^+D^0D_s^{*-})$	16530	16306	1	23224
16532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+})$	16531	16307	1	23225
16533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^0\rho^+\omega D^-$ $(e^+e^- \to \rho^0\rho^+\omega D^-\bar{D}^{*-}a_1^+)$	16532	16308	1	23226
16534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*\bar{K}^*K^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	16533	16309	1	23227
16535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-D_s^-D_s^{*+})$	16534	16310	1	23228
16536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	16535	1154	1	23229
16537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0J/\psi, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega K^0D^{*+}D_s^{*-}J/\psi)$	16536	16311	1	23230
16538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^{*+}D^+\bar{D}^0D^{*0})$	16537	16312	1	23231
16539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	16538	16313	1	23232
16540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0\phi D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega K^0\bar{K}^0\phi D^-D^{*+})$	16539	16314	1	23233
16541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-D^-D^{*+}a_1^+)$	16540	16315	1	23234

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}\bar{\Lambda}\Sigma^0)$	16541	16316	1	23235
16543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-D^{*+}D'^-_{s1})$	16542	16317	1	23236
16544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_1^+)$	16543	16318	1	23237
16545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	16544	16319	1	23238
16546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^0D^+\chi_{c1})$	16545	16320	1	23239
16547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^*D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^*K^+K^-\bar{D}^{*-}D^0)$	16546	16321	1	23240
16548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to \rho^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\eta K^0K^{*-}D^+D^-)$	16547	16322	1	23241
16549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	16548	16323	1	23242
16550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}p\bar{\Xi}'^0_c, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+K^{*-}K^{*-}J/\psi p\bar{\Xi}'^0_c)$	16549	16324	1	23243
16551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu K^0K^-D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++})$	16550	16325	1	23244
16552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+D^-, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^+\rho^-D^-\bar{D}^{*-})$	16551	16326	1	23245
16553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \eta K^+D^-D^0$ $(e^+e^- \to \eta\bar{K}^0K^+K^+D^-\bar{D}^{*-}D^0)$	16552	16327	1	23246
16554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*K^-\phi D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^*K^-\phi D^{*+}D_s^+)$	16553	16328	1	23247
16555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta D^-D_1^+)$	16554	16329	1	23248
16556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^0\rho^+\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^+\eta\omega D^-D_2^{*-}D_s^+)$	16555	16330	1	23249
16557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^+J/\psi n\bar{p})$	16556	16331	1	23250
16558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}^0_c, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega\omega D^+\Delta^0\bar{\Sigma}^0_c)$	16557	16332	1	23251

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- D^{*+}D^0)$	16558	16333	1	23252
16560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^0 K^0 \bar{K}^0 \bar{K}^* D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- K^0 K^0 \bar{K}^0 \bar{K}^* \bar{D}^{*-} D^0)$	16559	16334	1	23253
16561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^- \bar{K}^* D^+ p\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^-\pi^- \bar{K}^* D^+ D^- D_s^+ p\bar{\Sigma}^-)$	16560	16335	1	23254
16562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^- D^{*+} D_s^+)$	16561	16336	1	23255
16563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega\bar{D}^{*-} D^0)$	16562	16337	1	23256
16564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^+ K^- D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\omega K^- D^+ D^{*+} \bar{D}^{*-})$	2138	2132	1	23257
16565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0 D^+ \bar{D}^{*-} D_s^+ D_s^{*-})$	16564	16339	1	23258
16566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^- D^+ p\bar{\Sigma}_c^0)$	16565	16340	1	23259
16567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^- K^- K^{*+} D^+ D^- D_{s1}'^+)$	16566	16341	1	23260
16568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^- D^{*+})$	16567	16342	1	23261
16569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^- D^{*+})$	16568	16343	1	23262
16570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- D^+ D^{*+} D_s^-)$	16569	16344	1	23263
16571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^- D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0 K^+ K^- D^{*+} \bar{D}^{*-} \bar{D}^0)$	16570	16345	1	23264
16572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta\omega D^{*+}\Delta^0\bar{\Sigma}_c^0)$	2139	2133	1	23265
16573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+ D^{*+} D^0)$	16572	16347	1	23266
16574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to \rho^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^- K^0\bar{K}^0 D^- D^{*+})$	16573	16348	1	23267
16575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^+ K^{*-} \bar{D}^{*-}, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^+\omega K^+ K^{*-} \bar{D}^{*-} D^0\Delta^0\bar{\Delta}^0)$	16574	16349	1	23268

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^- \eta\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^-\eta\omega K^+ D^{*+} D^0 \bar{D}^{*0})$	2140	2134	1	23269
16577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^0 \bar{D}^0, \bar{B}^0 \to \rho^-\rho^- \bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \rho^0\rho^-\rho^- K^0 \bar{K}^0 K^{*+} D^+ D^0 \bar{D}^0)$	16576	16351	1	23270
16578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^- \bar{\Delta}^0 \Lambda_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \rho^- D^{*+} \bar{\Delta}^0 \Lambda_c^+)$	16577	16352	1	23271
16579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^{*+} D^0 \bar{D}^0, \bar{B}^0 \to \pi^- \eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\omega K^{*+} D^+ D^0 \bar{D}^0)$	16578	16353	1	23272
16580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\omega \bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega D^- \bar{D}^{*-})$	16579	16354	1	23273
16581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- \bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^- D^{*+} \bar{n}p)$	16580	16355	1	23274
16582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \pi^0\pi^0\pi^0\pi^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+ D^- \bar{D}^{*-})$	16581	16356	1	23275
16583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ n\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^- \eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\omega D^{*+} D_s^+ n\bar{\Lambda}_c^-)$	16582	16357	1	23276
16584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\omega D^- D^-)$	16583	16358	1	23277
16585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^- \bar{K}^0 K^* D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^- \bar{K}^0 K^* D^+ D^-)$	16584	16359	1	23278
16586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^- K^+, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\rho^- K^+ D^{*+})$	16585	16360	1	23279
16587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- \bar{K}^0 D^+ \bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 \bar{K}^0 D^+ \bar{D}^0 J/\psi)$	16586	16361	1	23280
16588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^+\gamma, B^0 \to \pi^0\pi^0 D^- D_s^+$ $(e^+e^- \to \pi^0\pi^0 D^- \bar{D}^{*-} D_s^+ D_s^+\gamma)$	16587	16362	1	23281
16589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0 \bar{K}^0 D_s^{*+} D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 \bar{K}^0 D_s^{*+} D_s^{*-} D_0^{*+})$	16588	16363	1	23282
16590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^- D^+, \bar{B}^0 \to \bar{K}^0 D^0 \bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^- \bar{K}^0 D^+ D^0 \bar{D}^{*0})$	2141	2135	1	23283
16591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\eta\bar{\Delta}^0\Sigma_c^{*0} D_1'^-)$	16590	16365	1	23284
16592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^{*+} \bar{D}^{*-} \bar{\Delta}^+\Delta^{++})$	16591	16366	1	23285

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta D^- D^{*+} a_1^+)$	16592	16367	1	23286
16594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_{s0}^{*+}, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^- \bar{D}^{*-} D_{s0}^{*+})$	16593	16368	1	23287
16595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^0 D^- D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 D^- \bar{D}^{*-} D_s^{*+})$	16594	16369	1	23288
16596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\bar{D}^{*-} D^0 D_s^-)$	16595	16370	1	23289
16597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^- a_1^+)$	16596	16371	1	23290
16598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+ K^0 K^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^0 K^-\eta' D^+\bar{D}^{*-})$	16597	16372	1	23291
16599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\bar{K}^* K^+ D^-$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^* K^+ D^-\bar{D}^{*-})$	16598	16373	1	23292
16600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \omega p\bar{\Sigma}_c^-, B^0 \to K^+\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \omega K^+\bar{D}^{*-} D^{*0} p\bar{\Sigma}_c^-)$	16599	16374	1	23293
16601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	2142	2136	1	23294
16602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^* D^+ D^{*+}\bar{D}^{*-})$	16601	16376	1	23295
16603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^-\rho^+\rho^- D^+ D_s^+ D_1'^-)$	16602	16377	1	23296
16604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\omega K^+ D^-, \bar{B}^0 \to \pi^+\omega\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\omega\bar{K}^0 K^+ D^- D^- D^0)$	16603	16378	1	23297
16605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \pi^0\rho^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+ D^- D^{*+} n\bar{p})$	16604	16379	1	23298
16606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^- D_1'^+)$	16605	16380	1	23299
16607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^{*+} D_2^{*-})$	16606	16381	1	23300
16608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-\bar{K}^* D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\rho^-\rho^-\bar{K}^*\bar{D}^{*-} D_s^{*+})$	16607	16382	1	23301
16609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to K^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0 K^* D^- D^{*+} D^{*+}\bar{D}^{*-})$	16608	16383	1	23302

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^-\eta\bar{K}^0 D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta\bar{K}^0 D^- D^{*+})$	16609	16384	1	23303
16611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\rho^0\omega\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\omega\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	16610	16385	1	23304
16612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{K}^0K^+D^-, B^0 \to \rho^0\rho^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\rho^+\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	16611	16386	1	23305
16613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0D^-D^{*+})$	16612	16387	1	23306
16614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to D^+D^{*+}n\bar{p}D'^-_{s1})$	2143	2137	1	23307
16615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^*\bar{D}^{*-}, B^0 \to \rho^0\pi^+\eta K^0D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta K^0K^*D^-\bar{D}^{*-})$	16614	16389	1	23308
16616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\Delta^+\bar{\Lambda}^-_c, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*\bar{D}^{*-}\Delta^+\bar{\Lambda}^-_c)$	16615	16390	1	23309
16617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^-\bar{K}^0K^+K^+D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\bar{K}^0\bar{K}^*K^+K^+D^{*+}D^{*0})$	16616	16391	1	23310
16618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D^{*+}_s, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0\bar{n}\Lambda^+_c$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\bar{K}^0D^-D^{*+}_s\bar{n}\Lambda^+_c)$	16617	16392	1	23311
16619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D'^-_1, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\rho^-\eta\omega D^+D'^-_1)$	16618	16393	1	23312
16620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D'^-_1, \bar{B}^0 \to \pi^0\rho^-\omega K^0\bar{K}^0\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega K^0\bar{K}^0\bar{K}^0D^+D'^-_1)$	16619	16394	1	23313
16621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}\eta_c, B^0 \to \pi^0\pi^0\pi^+\eta n\bar{\Lambda}^-_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^{*+}\eta_c n\bar{\Lambda}^-_c)$	16620	16395	1	23314
16622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a^+_1\gamma, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D'^+_1$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-a^+_1D'^+_1\gamma)$	16621	16396	1	23315
16623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{\Sigma}^{*0}\Xi^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^+D^+\bar{\Sigma}^{*0}\Xi^{*-})$	16622	16397	1	23316
16624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0K^{*-}\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	16623	16398	1	23317
16625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D^+_s, \bar{B}^0 \to \pi^0\pi^+\eta K^0\bar{K}^*K^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^*K^-D^-D^+_s)$	16624	16399	1	23318
16626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-D^{*+}D^{*0})$	16625	16400	1	23319

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^- D^+ D^{*+})$	16626	16401	1	23320
16628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}D'^+_{s1})$	16627	16402	1	23321
16629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^+\rho^-\omega D^0$ $(e^+e^- \to \rho^+\rho^-\omega D^{*+}D^0D_s^{*-})$	16628	16403	1	23322
16630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}D_2^{*+})$	16629	16404	1	23323
16631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^*K^+D^+D^-)$	16630	16405	1	23324
16632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}\eta_c D_0^{*+})$	435	435	1	23325
16633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-})$	16632	16407	1	23326
16634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^+)$	16633	16408	1	23327
16635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0D^0\bar{D}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0\bar{D}^0)$	16634	16409	1	23328
16636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^+\eta K^-K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta K^-K^{*+}D^-\bar{D}^{*-})$	16635	16410	1	23329
16637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n)$	16636	16411	1	23330
16638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D'^-_1, \bar{B}^0 \to \rho^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}D'^-_1)$	16637	16412	1	23331
16639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\rho^-K^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^-\bar{D}^{*-}D^0)$	16638	16413	1	23332
16640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \eta K^-D_s^{*+}$ $(e^+e^- \to \eta\omega\bar{K}^0K^+K^-\bar{D}^{*-}D_s^{*+})$	16639	16414	1	23333
16641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega K^0K^{*+}K^{*-}D^+\bar{D}^{*-})$	16640	16415	1	23334
16642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D_s^-D_s^{*+}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}D_s^-D_s^{*+})$	16641	16416	1	23335
16643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-\rho^-\bar{K}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\rho^+\rho^-\rho^-\bar{K}^0D_1^+)$	16642	16417	1	23336

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^-D^+D^+\bar{D}^0)$	16643	16418	1	23337
16645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\rho^-K^0K^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\rho^-K^0K^-D^-D^{*+}D_s^{*-})$	16644	16419	1	23338
16646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-)$	16645	16420	1	23339
16647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^*K^+D^+\bar{D}^{*-})$	2145	2139	1	23340
16648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\bar{K}^0\bar{K}^0K^+K^+D^{*+}\bar{D}^{*-})$	16647	16422	1	23341
16649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^-\bar{n}\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-D^+\bar{n}\Sigma_c^{*++})$	16648	16423	1	23342
16650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to K^{*-}\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*-}D^{*+}\bar{\Sigma}^{*0}\Xi_c^{*+})$	16649	16424	1	23343
16651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^{*-}D_s^{*+})$	16650	16425	1	23344
16652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D_2^{*+}D_s^-)$	16651	16426	1	23345
16653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-n\bar{\Sigma}^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-n\bar{\Sigma}^+D_1^+)$	16652	16427	1	23346
16654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}p\bar{p}D_{s1}'^+)$	16653	16428	1	23347
16655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^{*0}, B^0 \to \bar{D}^{*-}D_{s0}^{*+}$ $(e^+e^- \to \pi^0\bar{D}^{*-}\bar{D}^{*0}D_{s0}^{*+})$	2146	2140	1	23348
16656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D^{*+})$	16655	5830	1	23349
16657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Xi}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^{*+}D_s^{*-}n\bar{\Xi}_c^-)$	16656	16430	1	23350
16658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-})$	16657	16431	1	23351
16659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-K^-D^{*+}\bar{D}^{*0}\chi_{c1})$	16658	16432	1	23352
16660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0D^+\bar{D}^{*-}D^0)$	16659	16433	1	23353

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^0)$	16660	16434	1	23354
16662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega\bar{K}^*D^-D^-D^{*+})$	16661	16435	1	23355
16663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-\bar{\Delta}^-\Delta^-, B^0 \to \pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^{*+}D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	16662	16436	1	23356
16664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+D^{*+}\Delta^0\bar{\Sigma}_c^-a_1^-)$	16663	16437	1	23357
16665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to K^0K^*K^{*-}D^+D^+D^-)$	16664	16438	1	23358
16666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^*K^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0K^*K^-D^{*+})$	16665	16439	1	23359
16667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_0^{*+}D_1^+)$	2147	2141	1	23360
16668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*0}\bar{p}\Delta^+)$	16667	16441	1	23361
16669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^+K^{*+}\bar{D}^{*-}D_2^{*-}D^{*0})$	16668	16442	1	23362
16670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	2148	2142	1	23363
16671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}D_2^{*-})$	16670	16444	1	23364
16672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-K^{*+}D^{*+}D^0\bar{D}^0)$	16671	5527	1	23365
16673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	16672	16445	1	23366
16674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^+\rho^-\eta K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta K^*K^{*-}D^+D^-)$	16673	16446	1	23367
16675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^*D^-D^{*+}\bar{D}^{*-})$	16674	16447	1	23368
16676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-p\bar{\Delta}^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+D^-D^0D_s^-p\bar{\Delta}^+)$	16675	16448	1	23369
16677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-p\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-K^-D^{*+}\bar{D}^0p\bar{\Xi}_c^{\prime 0})$	16676	16449	1	23370

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+)$	16677	16450	1	23371
16679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e X_u^+ X_u^-)$	16678	16451	1	23372
16680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{K}^0K^*, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\bar{K}^0K^*D^+)$	16679	16452	1	23373
16681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0D^-D_s^+$ $(e^+e^- \to \pi^0\pi^0D^-\bar{D}^{*-}D_s^+D_s^{*+})$	16680	16453	1	23374
16682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+D^-D^{*+}D_s^{*-}\Delta^{++}\bar{\Delta}^{++})$	16681	16454	1	23375
16683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^*D^+D^{*+}\bar{D}^{*-})$	16682	16455	1	23376
16684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	16683	16456	1	23377
16685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-})$	16684	16457	1	23378
16686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^{*+}D_0^{*-})$	16685	16458	1	23379
16687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \rho^0\rho^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+D^-D_1'^-)$	16686	16459	1	23380
16688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D^{*+}D_s^+\gamma)$	16687	16460	1	23381
16689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0D^{*+}\bar{D}^0D^{*0})$	16688	16461	1	23382
16690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \omega D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \pi^+\omega D^-D^{*+}n\bar{\Delta}^+)$	16689	16462	1	23383
16691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1'^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+D^{*+}a_1^-D_1'^-)$	16690	16463	1	23384
16692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega D^+D^-D_s^+)$	16691	16464	1	23385
16693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^-D^{*+})$	16692	16465	1	23386
16694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}\bar{\Delta}^+\Sigma_c^0)$	16693	16466	1	23387

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^{*+} n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 D^{*+}\bar{D}^{*-}n\bar{p})$	16694	16467	1	23388
16696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0 K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^- K^{*+} D^+ \bar{D}^{*-} D^0 \bar{D}^{*0})$	16695	16468	1	23389
16697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	16696	16469	1	23390
16698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^0 K^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^0 K^- D^+ \bar{D}^{*-})$	16697	16470	1	23391
16699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^* D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^* D^{*+} D^{*0})$	16698	16471	1	23392
16700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0 K^+ K^{*-} D^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^-\omega K^0\bar{K}^0 K^+ K^{*-} D^+)$	16699	16472	1	23393
16701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta\omega K^{*+}, \bar{B}^0 \to \pi^0\pi^+\omega K^0 K^{*-} D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\omega K^0 K^{*+} K^{*-} D^{*0})$	16700	16473	1	23394
16702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+ D_2^{*-} D^0 D_s^{*-})$	16701	16474	1	23395
16703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D_1^+\gamma)$	16702	16475	1	23396
16704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0 K^0 K^- D^{*+}\bar{D}^{*-})$	16703	16476	1	23397
16705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+ K^0 D^{*+}\bar{D}^{*-} D^0 D_{s1}'^-)$	16704	16477	1	23398
16706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+ K^- n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\omega K^- D^- n\bar{p})$	16705	16478	1	23399
16707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^- K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- K^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	16706	16479	1	23400
16708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to K^0 D^+\bar{\Sigma}^-\Xi^0$ $(e^+e^- \to K^0\bar{K}^* K^+ D^+\bar{D}^{*-}\bar{\Sigma}^-\Xi^0)$	16707	16480	1	23401
16709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}D_s^{*+})$	2149	2143	1	23402
16710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	16709	16482	1	23403
16711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^+\Lambda, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Lambda)$	16710	16483	1	23404

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	16711	16484	1	23405
16713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^0)$	16712	16485	1	23406
16714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\omega K^*K^-D^{*+}\bar{D}^{*-})$	16713	16486	1	23407
16715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-})$	16714	16487	1	23408
16716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^*D^+\bar{D}^{*-}\bar{p}\Sigma_c^+)$	16715	16488	1	23409
16717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-D_s^+$ $(e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}D_s^+)$	16716	16489	1	23410
16718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0D^{*+}D_s^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta D^-D^{*+}D_s^-)$	16717	16490	1	23411
16719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+K^+K^{*-}D^-D^0D_s^-)$	16718	16491	1	23412
16720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	16719	16492	1	23413
16721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+K^0D^-D^0D_s^-\bar{\Sigma}^+\Sigma^0)$	16720	16493	1	23414
16722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^*K^-D^{*+}D^{*+})$	16721	16494	1	23415
16723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D^{*0}\bar{\Delta}^-\Delta^0)$	16722	16495	1	23416
16724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^*K^+D^+D^-)$	16723	16496	1	23417
16725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^-D^-\bar{\Delta}^0\Sigma_c^+D_{s1}'^+)$	16724	16497	1	23418
16726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\bar{K}^0D_s^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\eta\bar{K}^0D_2^{*-}D_s^{*+})$	16725	16498	1	23419
16727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_2^{*-}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK^0D^{*+}\bar{D}^{*-}D_2^{*-})$	16726	16499	1	23420
16728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D^0)$	16727	16500	1	23421

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^- K^{*+} K^{*-} D^+ D^{*+} \bar{D}^{*0})$	16728	16501	1	23422
16730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^0\eta K^- \bar{\Sigma}^+ \Xi_c^0$ $(e^+e^- \to \pi^0\eta K^- D_s^+ \bar{\Sigma}^+ \Xi_c^0 D_1^-)$	16729	16502	1	23423
16731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0 D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0 D^{*0} D_1'^-)$	16730	16503	1	23424
16732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\eta\bar{D}^{*-} p\bar{p})$	16731	16504	1	23425
16733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^* D^+ D^+ D^-)$	436	436	1	23426
16734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Delta}^- \Delta^0, \bar{B}^0 \to \rho^0\rho^-\eta\eta' D^+$ $(e^+e^- \to \rho^0\rho^-\eta\eta' D^+ D^- \bar{\Delta}^- \Delta^0)$	16733	16506	1	23427
16735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0 D^- D^0 D_s^+ \Delta^0\bar{\Delta}^0)$	16734	16507	1	23428
16736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\eta K^- \bar{D}^{*-} D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\eta K^- \bar{D}^{*-} \bar{D}^{*-} D^0)$	16735	16508	1	23429
16737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega D^- \bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\omega D^- \bar{n}p D_1^+)$	16736	16509	1	23430
16738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ \bar{D}^0 D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^- K^+ D^{*+} \bar{D}^0 D^{*0})$	16737	16510	1	23431
16739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to K^* K^{*-} D^{*+}$ $(e^+e^- \to \rho^-\eta K^* K^{*-} D^{*+} D^{*+})$	16738	16511	1	23432
16740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta D^{*+} \bar{D}^{*-} D_s^{*-})$	2151	2145	1	23433
16741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \pi^0\rho^+ K^- J/\psi$ $(e^+e^- \to \pi^0\rho^+ K^- D_2^{*-} D_s^+ J/\psi)$	437	437	1	23434
16742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+ K^0 \bar{K}^* D^{*+} \bar{D}^{*-})$	16741	16514	1	23435
16743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}, \bar{B}^0 \to D_s^{*-} D_1'^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-} D_s^{*-} D_1'^+)$	16742	16515	1	23436
16744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^- D^{*+} D_s^+)$	16743	16516	1	23437
16745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega D^+ \bar{D}^{*-} D_s^{*-})$	16744	16517	1	23438

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^*K^+D^-, B^0 \to \pi^-K^+D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^+K^+D^-D^-D^{*+})$	16745	16518	1	23439
16747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^-D^{*+})$	16746	16519	1	23440
16748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D_0^{*+})$	16747	16520	1	23441
16749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0K^+D^+D^-D^0D_s^{*-})$	16748	16022	1	23442
16750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^+\eta\omega K^0K^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\eta\eta\eta\omega K^0K^{*-}D^-D^{*0})$	2153	2147	1	23443
16751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\rho^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau X_u^+\rho^-)$	16750	16521	1	23444
16752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^0K^*K^-D^+D^{*0}\bar{D}^{*0})$	16751	16522	1	23445
16753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0\bar{K}^0K^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^0\bar{K}^0K^+)$	16752	16523	1	23446
16754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}D_s^-n\bar{n}D_1^+)$	2154	2148	1	23447
16755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega D^+\bar{D}^{*-})$	16754	16525	1	23448
16756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	16755	16526	1	23449
16757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+\gamma, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D_2^{*-}D_s^+D_s^-\gamma)$	16756	16527	1	23450
16758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta K^+K^{*-}D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^+K^{*-}D^-D^{*+})$	16757	16528	1	23451
16759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\eta D^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta K^+D^-\bar{D}^{*-})$	16758	16529	1	23452
16760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^+)$	16759	16530	1	23453
16761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^*K^+K^-K^-D^+\bar{D}^{*-})$	16760	16531	1	23454
16762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^{*0}D_1^+)$	16761	16532	1	23455

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-D^+\bar{D}^{*0}D_s^{*+}D_s^{*-})$	16762	16533	1	23456
16764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^0D^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0D^-D^0)$	16763	16534	1	23457
16765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-D^+D^-n\bar{p})$	16764	16535	1	23458
16766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^{*-}D^-D^{*+}\bar{D}^{*-})$	16765	16536	1	23459
16767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to D^-D_s^+$ $(e^+e^- \to \pi^+D^-D^-D_s^+)$	16766	16537	1	23460
16768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}D^{*+})$	16767	16538	1	23461
16769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^-D^-D^{*+}\bar{D}^{*0}\bar{n}p)$	16768	16539	1	23462
16770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-D^{*+}D_0^{*-})$	16769	16540	1	23463
16771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+D^-, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-\bar{D}^0)$	16770	16541	1	23464
16772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*D^+D^-\bar{D}^{*-})$	16771	2371	1	23465
16773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\omega\omega, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega\bar{K}^0D_s^{*+}D_s^{*-})$	16772	16542	1	23466
16774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D_1'^+)$	16773	16543	1	23467
16775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^-K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^-K^{*+}D^-D^{*+})$	16774	16544	1	23468
16776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to \pi^+\rho^-\omega\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\omega\bar{D}^{*-}D^{*0}\bar{n}\Delta^{++})$	16775	16545	1	23469
16777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\eta_c, B^0 \to \eta\bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \eta K^0\bar{K}^*K^{*+}\bar{D}^{*-}\eta_c)$	16776	16546	1	23470
16778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	16777	16547	1	23471
16779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	16778	16548	1	23472

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+ D^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+ D^- D^- D^{*0})$	16779	16549	1	23473
16781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{D}^0 D_s^{*+} D_0^{*+})$	16780	16550	1	23474
16782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^+\eta K^* K^- D^0$ $(e^+e^- \to \pi^+\pi^-\eta K^* K^- K^{*+} D^0 D^0 \bar{D}^{*0})$	2155	2149	1	23475
16783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	16782	16552	1	23476
16784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^0\rho^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^- K^0\bar{K}^0 D^{*+} D^{*+})$	16783	16553	1	23477
16785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-})$	16784	9770	1	23478
16786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^{*+} D^{*+})$	16785	5799	1	23479
16787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}\gamma$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-} D_s^{*-}\gamma)$	16786	16554	1	23480
16788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Xi}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+} p\bar{\Xi}_c^-)$	16787	16555	1	23481
16789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta\bar{K}^0 D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\bar{K}^0 K^{*-} D^+ D^{*+}\bar{D}^{*0})$	16788	16556	1	23482
16790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^-\eta' D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\eta' D^- D^{*+})$	16789	16557	1	23483
16791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^- D^{*+}\bar{\Delta}^0\Sigma_c^{*+})$	16790	16558	1	23484
16792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	16791	16559	1	23485
16793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\omega\bar{K}^0 K^+ D^- D^{*+})$	16792	16560	1	23486
16794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^0\bar{K}^* D^-, \bar{B}^0 \to \rho^0\bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+ K^0\bar{K}^0\bar{K}^* D^- D^{*+}\bar{D}^{*-})$	16793	16561	1	23487
16795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\omega D^+ D^-)$	16794	16562	1	23488
16796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^0\bar{K}^0 D^+ n\bar{p}, \bar{B}^0 \to \rho^0\pi^-\rho^-\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^- K^0\bar{K}^0\bar{K}^0 K^+ D^+ D^{*+} n\bar{p})$	2156	2150	1	23489

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*-}D^{*+}D^{*+}\gamma)$	16796	16564	1	23490
16798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\eta K^0\bar{K}^*K^+D^+D^-D^{*+})$	16797	16565	1	23491
16799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+D^-D^-D_s^{*+})$	2157	2151	1	23492
16800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	16799	16567	1	23493
16801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}p\bar{\Delta}^+, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to K^-\bar{D}^{*0}p\bar{\Delta}^+\bar{\Delta}^+\Sigma_c^{*++})$	16800	16568	1	23494
16802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^+D^+\bar{D}^{*-}D^{*0})$	16801	16569	1	23495
16803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to e^+\nu_e\bar{K}^*J/\psi D_1^-)$	16802	16570	1	23496
16804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-\bar{K}^*K^+D^+\bar{D}^{*-})$	16803	16571	1	23497
16805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0D^+n\bar{p}$ $(e^+e^- \to \rho^0D^+\bar{D}^{*-}D_s^{*+}n\bar{p})$	16804	16572	1	23498
16806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	16805	16573	1	23499
16807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-K^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}D_s^-)$	16806	16574	1	23500
16808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \omega D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*-})$	16807	16575	1	23501
16809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\bar{D}^{*-}D_2^{*+})$	16808	16576	1	23502
16810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^+D_1'^+)$	16809	16577	1	23503
16811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^-D^{*+})$	16810	16578	1	23504
16812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^-D^{*+}n\bar{n})$	16811	16579	1	23505
16813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c(2S), \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^-K^0K^+K^-D^+\eta_c(2S))$	16812	16580	1	23506

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega D^-D^{*0}D_s^-)$	104	104	1	23507
16815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}D^0, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^-\rho^-K^0\bar{K}^*K^{*+}D^{*+}D^0)$	16814	16582	1	23508
16816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^{*+}D^+\bar{D}^{*-})$	16815	16583	1	23509
16817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0D^+D_s^-\chi_{c0})$	16816	16584	1	23510
16818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^0\bar{D}^{*0}, \bar{B}^0 \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \eta K^0K^0\bar{K}^0D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	16817	16585	1	23511
16819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to \rho^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\rho^-K^0D^+D^-D^{*0}\bar{p}\Delta^+)$	16818	16586	1	23512
16820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	2159	2153	1	23513
16821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^-\eta\eta\bar{K}^0\bar{K}^0D_s^+$ $(e^+e^- \to \pi^-\eta\eta\bar{K}^0\bar{K}^0D_s^+D_s^-\Delta^0\bar{\Sigma}^+)$	16820	16588	1	23514
16822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^-D^{*+}\bar{D}^{*-})$	16821	16589	1	23515
16823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}\bar{D}^{*-}D_0^{*+})$	16822	16590	1	23516
16824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^+K^*\bar{K}^*D^-D^-D^{*+}D^0)$	16823	16591	1	23517
16825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+D^0n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\bar{D}^{*-}D^0n\bar{p})$	16824	16592	1	23518
16826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \omega\bar{n}\Xi_c^{\prime 0}$ $(e^+e^- \to e^+\nu_e\omega D^-\bar{n}\Xi_c^{\prime 0})$	16825	16593	1	23519
16827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{p}\Xi_c^0$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{p}\Xi_c^0)$	16826	16594	1	23520
16828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^-\eta K^+\bar{D}^0D^{*0}\bar{n}\Sigma_c^0)$	16827	16595	1	23521
16829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+D^+\bar{D}^{*-})$	16828	16596	1	23522
16830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta K^0\bar{K}^0D^+\bar{D}^0D_s^-)$	16829	16597	1	23523

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}D_s^{*+})$	16830	16598	1	23524
16832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{K}^*\phi D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+K^*\bar{K}^*\phi D^-D^{*+})$	16831	16599	1	23525
16833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+K^-\phi D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^-\phi D^-D^0)$	16832	16600	1	23526
16834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to K^+D^-D^{*0}D_s^-D_1'^+)$	16833	16601	1	23527
16835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0K^0\bar{K}^0\bar{K}^*D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^0K^0\bar{K}^0\bar{K}^*D^-D^{*+})$	16834	16602	1	23528
16836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0\phi D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\bar{K}^0K^{*+}\phi D^{*+}D^{*0}\bar{D}^{*0})$	16835	16603	1	23529
16837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \eta\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Sigma}_c^0)$	16836	16604	1	23530
16838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}D_2^{*+}D_s^-)$	16837	16605	1	23531
16839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^0K^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^0K^*K^-K^{*+}K^{*-}D^+D^{*+}\bar{D}^{*-})$	16838	16606	1	23532
16840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^*D^-D^{*+}D_s^+)$	16839	16607	1	23533
16841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	16840	5011	1	23534
16842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^-\bar{\Delta}^0\Sigma_c^0)$	16841	16608	1	23535
16843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-D^+\bar{D}^{*-})$	16842	16609	1	23536
16844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}D_s^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	439	439	1	23537
16845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}n\bar{p})$	16844	16611	1	23538
16846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \eta K^0K^{*-}D^+$ $(e^+e^- \to \eta K^0K^+K^{*-}D^+\bar{D}^{*-}D^{*0})$	16845	16612	1	23539
16847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^{*-}, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \rho^0K^0D_s^+D_s^{*-}\bar{p}\Sigma_c^+)$	16846	16613	1	23540

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+D^-, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to \bar{K}^*K^+K^+D^-D^-D^{*0})$	16847	16614	1	23541
16849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^{*-}D^+\gamma$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D^{*+}\gamma)$	16848	16615	1	23542
16850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K^+K^-D^+D^-)$	16849	16616	1	23543
16851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^+\bar{K}^0D_0^{*-})$	16850	16617	1	23544
16852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+D^-, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \bar{K}^0D^+D^-D^0\Delta^+\bar{\Delta}^+)$	16851	16618	1	23545
16853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	16852	16619	1	23546
16854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^0\Delta^0\bar{\Delta}^0)$	16853	16620	1	23547
16855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-K^+K^+K^-D^{*+}\eta_c)$	16854	16621	1	23548
16856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-D^-\bar{\Delta}^+\Sigma_c^{++})$	16855	16622	1	23549
16857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*-})$	16856	16623	1	23550
16858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*0}p\bar{p})$	16857	16624	1	23551
16859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	16858	16625	1	23552
16860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\omega K^0D^+D^+D^-)$	16859	16626	1	23553
16861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^+\rho^-K^0D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\rho^-K^0\bar{D}^{*-}D^0\bar{D}^0)$	16860	16627	1	23554
16862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^0\bar{K}^0D^0$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^0\bar{K}^0D_2^{*-}D^0)$	16861	16628	1	23555
16863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \rho^0\rho^+D^-D_s^{*-}D_1'^+)$	16862	16629	1	23556
16864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \eta\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \eta D_2^{*-}D_s^+\bar{\Delta}^+\Sigma_c^+)$	16863	16630	1	23557

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+D^-D^{*+}\Sigma^-\bar{\Lambda})$	16864	16631	1	23558
16866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^-D^{*+}D_s^+)$	16865	16632	1	23559
16867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-})$	16866	16633	1	23560
16868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+D^-a_1^+)$	16867	16634	1	23561
16869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	2161	2155	1	23562
16870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^*D^+D^{*+}\Sigma^0\bar{\Sigma}^-)$	16869	16636	1	23563
16871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^0K^-D^+\bar{D}^{*-})$	16870	16637	1	23564
16872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta'\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta'\bar{\Sigma}^0\Xi_c^0D_0^{*-})$	16871	16638	1	23565
16873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+D^-, B^0 \to \pi^0\rho^0\pi^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^*K^+D^+D^-\bar{D}^{*0})$	16872	16639	1	23566
16874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\eta D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\eta D^+\bar{D}^0D_s^+\bar{n}p)$	16873	16640	1	23567
16875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^-D^{*+}D_2^{*-})$	16874	16641	1	23568
16876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^+D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\omega K^0D^+D^+D^-D_s^-)$	16875	16642	1	23569
16877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0K^{*-}\Delta^0\bar{\Lambda}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0K^{*-}\bar{D}^{*-}\Delta^0\bar{\Lambda})$	16876	16643	1	23570
16878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0K^+K^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^+K^-D^+D^{*0})$	16877	16644	1	23571
16879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{n}\Sigma_c^+D_0^{*-})$	16878	16645	1	23572
16880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega\bar{D}^0, \bar{B}^0 \to K^*\chi_{c1}$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^*\bar{D}^0\chi_{c1})$	16879	16646	1	23573
16881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0K^+D^+\bar{D}^{*-})$	16880	16647	1	23574

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 n\bar{\Xi}_c'^0, B^0 \to \pi^0\pi^+\omega K^*\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^*\bar{K}^*\bar{D}^{*-}n\bar{\Xi}_c'^0)$	16881	16648	1	23575
16883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to K^{*-}D^{*+}$ $(e^+e^- \to K^{*-}D^-D^{*+}\bar{\Delta}^-\Delta^0)$	16882	16649	1	23576
16884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0D^{*+}D^{*+}\bar{D}^0)$	16883	16650	1	23577
16885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^{*+}D^0\bar{D}^0)$	16884	16651	1	23578
16886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	16885	16652	1	23579
16887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*0})$	16886	16653	1	23580
16888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\phi D^{*0}D_s^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta\phi D^-D^{*0}D_s^-)$	16887	16654	1	23581
16889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega D^+\bar{D}^{*-})$	16888	16655	1	23582
16890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\rho^0K^0K^0K^-D^+D^0\bar{D}^0)$	16889	16656	1	23583
16891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+a_0^-, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{K}^*D^{*+}a_0^-)$	16890	16657	1	23584
16892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^+\rho^-\rho^-K^+K^-D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-K^+K^-D^+D_2^{*-}D_s^+)$	16891	16658	1	23585
16893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0})$	440	440	1	23586
16894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\eta', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-\eta'D^{*+})$	16893	16660	1	23587
16895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\pi^-K^{*+}D^+, \bar{B}^0 \to \rho^0\eta K^0K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\eta K^0K^-K^{*+}D^+D^+)$	441	441	1	23588
16896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^*D^+D^{*+}D_s^{*-})$	16895	16662	1	23589
16897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0K^+K^{*-}D^-D^{*+}\bar{D}^{*0})$	16896	16663	1	23590
16898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\omega\bar{K}^*D^0$ $(e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^*\bar{K}^*K^+\bar{D}^{*-}D^0)$	16897	16664	1	23591

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^-\bar{n}p\psi')$	16898	16665	1	23592
16900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0K^0K^{*+}K^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+K^0K^{*+}K^{*-}D^0)$	16899	16666	1	23593
16901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\omega D^-D^-)$	16900	16667	1	23594
16902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0\bar{D}^{*-}J/\psi)$	16901	16668	1	23595
16903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^0D^{*+}D^0\bar{D}^0)$	16902	16669	1	23596
16904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*K^-K^-D^{*+}D^{*+}\bar{D}^{*0})$	16903	16670	1	23597
16905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\eta'\eta_c, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\omega\eta'D^{*+}\eta_ca_1^-)$	16904	16671	1	23598
16906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^-D^+\bar{D}^{*-}\gamma)$	16905	16672	1	23599
16907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}, \bar{B}^0 \to \pi^-\omega\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega\omega\omega D^+D^{*+})$	16906	16673	1	23600
16908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \rho^-\eta'D^+$ $(e^+e^- \to \pi^-\rho^-K^+\eta'D^+J/\psi)$	16907	16674	1	23601
16909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^+D^-D^{*+})$	16908	16675	1	23602
16910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^+\rho^-D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^+D^{*+}\bar{D}^{*-}D^0n\bar{\Delta}^{++})$	16909	16676	1	23603
16911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^+D^-\gamma, B^0 \to \pi^0\rho^0\pi^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega D^+D^-\bar{D}^{*-}\gamma)$	16910	16677	1	23604
16912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*0}\Sigma^{*0}\bar{\Sigma}^{*0})$	16911	16678	1	23605
16913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_0^{*-})$	16912	16679	1	23606
16914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\omega D^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega\omega D^+D^{*+}n\bar{n})$	16913	16680	1	23607
16915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\rho^+\omega D^+\bar{D}^{*-})$	16914	16681	1	23608

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D^{*+}, \bar{B}^0 \to \pi^- \bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^- \bar{K}^0 K^* D^- D^{*+} D^{*+})$	16915	16682	1	23609
16917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^- \bar{D}^{*0}, \bar{B}^0 \to D^{*+} D'^-_{s1}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- D^{*+} \bar{D}^{*0} D'^-_{s1})$	16916	16683	1	23610
16918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+ \chi_{c0}, \bar{B}^0 \to \mu^- \bar{\nu}_\mu \eta D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^- \eta K^+ D^{*+} \chi_{c0})$	16917	16684	1	23611
16919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^- \eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^- \eta D^{*+} \bar{D}^0 D_s^{*+})$	16918	16685	1	23612
16920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- \bar{K}^0 K^+ \bar{D}^{*-}, \bar{B}^0 \to D^+ D'^-_{s1}$ $(e^+e^- \to \pi^+\pi^- \bar{K}^0 K^+ D^+ \bar{D}^{*-} D'^-_{s1})$	16919	16686	1	23613
16921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D^+, \bar{B}^0 \to \pi^0 K^+ K^- D^{*0}$ $(e^+e^- \to \pi^0\pi^- K^0 K^+ K^- D^+ D^{*0})$	16920	16687	1	23614
16922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0 D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^- D^+ D^- n\bar{p})$	16921	16688	1	23615
16923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- \omega D^+, \bar{B}^0 \to \pi^0\pi^+ \bar{K}^0 \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega \bar{K}^0 D^+ \bar{D}^{*-})$	16922	16689	1	23616
16924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \rho^- \omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^- D^{*+} D_s^+)$	16923	16690	1	23617
16925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+ \bar{D}^{*-})$	16924	16691	1	23618
16926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^+ p \bar{\Sigma}_c^{--}$ $(e^+e^- \to \pi^+ \bar{D}^{*-} p \bar{\Sigma}_c^{--} a_1^+)$	16925	16692	1	23619
16927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^- K^0 K^0 \bar{K}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^- K^0 K^0 \bar{K}^0 D^+)$	16926	16693	1	23620
16928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ K^+ K^- \bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+ K^+ K^- D^+ \bar{D}^{*-} D_s^{*-})$	16927	16694	1	23621
16929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- \eta D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^- D^{*+} D^{*0})$	16928	16695	1	23622
16930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta\eta K^- \bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^+\eta\eta\eta\omega K^- \bar{D}^{*-} \bar{p}\Lambda_c^+)$	16929	16696	1	23623
16931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D'^+_{s1}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^- D^+ \bar{D}^{*-} D'^+_{s1})$	16930	16697	1	23624
16932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^{*+} D^- D^0, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0 K^{*+} K^{*-} D^+ D^- D^0 \bar{D}^{*0})$	16931	16698	1	23625

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D'^-_{s1}, \bar{B}^0 \to \pi^+\pi^-D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^-D^{*+}D^{*+}\Delta^-\bar{n}D'^-_{s1})$	16932	16699	1	23626
16934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}_2$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+}_2)$	16933	16700	1	23627
16935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	16934	16701	1	23628
16936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+D^-D^{*+})$	16935	16702	1	23629
16937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+K^{*-}D^-D^{*+}\bar{\Delta}^-\Delta^0)$	16936	16703	1	23630
16938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^+D^-, \bar{B}^0 \to D^{*+}a^-_1$ $(e^+e^- \to \pi^+\pi^-K^*D^+D^-D^{*+}a^-_1)$	16937	16704	1	23631
16939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0)$	16938	16705	1	23632
16940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-)$	16939	16706	1	23633
16941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^{*-}_0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\bar{D}^0D^{*-}_0)$	16940	16707	1	23634
16942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^{*+}_s\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}D^{*+}_s\gamma)$	16941	16708	1	23635
16943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma^{*+}_c, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega D^{*+}\bar{\Delta}^0\Sigma^{*+}_c)$	16942	16709	1	23636
16944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\rho^-\bar{n}\Lambda^+_c$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-D^+\bar{n}\Lambda^+_c)$	16943	16710	1	23637
16945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-_1, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_eK^+\bar{D}^{*-}D^0D^-_1)$	16944	16711	1	23638
16946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^{*+}_s, \bar{B}^0 \to \rho^-\eta D^{*+}\gamma$ $(e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D^{*+}_s\gamma)$	16945	16712	1	23639
16947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^{*+}a^-_1$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}a^-_1)$	16946	16713	1	23640
16948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	2164	2158	1	23641
16949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^+D^{*+}\bar{D}^{*-})$	16948	16715	1	23642

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0D^-D^0, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-K^0K^0\bar{K}^*D^+D^-D^0)$	16949	16716	1	23643
16951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D_2^{*+})$	16950	16717	1	23644
16952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^0n\bar{\Delta}^+)$	16951	16718	1	23645
16953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\pi^+\pi^-D^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\pi^+\pi^-D^-\bar{D}^{*-})$	16952	16719	1	23646
16954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-})$	16953	16720	1	23647
16955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^+D^+\bar{D}^{*-})$	16954	16721	1	23648
16956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta\omega D^-D^0D_s^-)$	16955	16722	1	23649
16957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-D^+n\bar{n}D_1^-)$	16956	16723	1	23650
16958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, B^0 \to \rho^0\omega\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega\bar{K}^0K^+D^-D^-)$	16957	16724	1	23651
16959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\chi_{c0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\chi_{c0})$	16958	16725	1	23652
16960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\bar{K}^*\eta'D^{*0}\bar{D}^{*0})$	16959	16726	1	23653
16961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^{*-}D^+D^{*+})$	16960	16727	1	23654
16962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0D^+n\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*0}n\bar{\Delta}^+)$	16961	16728	1	23655
16963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^*J/\psi$ $(e^+e^- \to \pi^0\pi^+K^*K^*\bar{D}^{*-}D^{*0}J/\psi)$	16962	16729	1	23656
16964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\eta D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta D^-D^0\bar{D}^{*0})$	16963	16730	1	23657
16965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta D^+D^-D_s^+)$	16964	16731	1	23658
16966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^*D^-D^{*+}\bar{D}^0)$	16965	16732	1	23659

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}\bar{n}p)$	16966	16733	1	23660
16968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	16967	16734	1	23661
16969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^{*+}D^{*+}\eta_c)$	16968	16735	1	23662
16970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	16969	16736	1	23663
16971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{n}pD_1'^-)$	16970	16737	1	23664
16972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\eta\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^-D^{*0})$	2165	2159	1	23665
16973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	16972	16739	1	23666
16974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\omega K^*D^+\bar{D}^{*-})$	16973	16740	1	23667
16975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+K^+D_s^{*-}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \pi^-K^+K^+D^0D_s^{*-}p\bar{\Delta}^+)$	16974	16741	1	23668
16976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^-D^{*+}D_s^{*+})$	16975	16742	1	23669
16977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to K^{*-}\phi D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^{*-}\phi D^+D^-)$	16976	16743	1	23670
16978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	2166	2160	1	23671
16979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\bar{K}^0D^+D^-\bar{D}^{*-})$	16978	16745	1	23672
16980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta' D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^+\eta'\bar{D}^{*-}D^{*0}D^{*0})$	2167	2161	1	23673
16981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-)$	16980	16747	1	23674
16982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^-D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+K^-\bar{D}^{*-}D_s^+)$	16981	16748	1	23675
16983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0D_s^+)$	16982	16749	1	23676

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
16984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^0)$	16983	16750	1	23677
16985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\bar{K}^*D^{*+}\bar{D}^{*-})$	16984	16751	1	23678
16986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	16985	16752	1	23679
16987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^-\rho^+K^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+K^+D^-D_s^{*-})$	16986	16753	1	23680
16988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	16987	16754	1	23681
16989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^+\bar{D}^{*-}a_1^+)$	16988	16755	1	23682
16990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to K^{*-}D^+$ $(e^+e^- \to K^{*-}D^+D_s^{*+}D_1^-)$	16989	16756	1	23683
16991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \pi^-\pi^-K^+D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	16990	16757	1	23684
16992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^+D^+\bar{D}^0, \bar{B}^0 \to \pi^0K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^-\rho^-K^+K^+K^-D^+D^0\bar{D}^0)$	16991	16758	1	23685
16993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D^-D^-)$	2168	2162	1	23686
16994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*0}D_s^{*+})$	16993	16760	1	23687
16995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0\bar{K}^0D^+D^-)$	16994	16761	1	23688
16996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	16995	16762	1	23689
16997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\eta\omega K^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\omega K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	16996	16763	1	23690
16998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega K^+K^-D^+D^-\bar{D}^{*-})$	16997	16764	1	23691
16999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to K^*K^-\phi D^{*+}$ $(e^+e^- \to K^*K^-\phi D^{*+}D_s^{*+}D_1'^-)$	16998	16765	1	23692
17000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+K^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^-D^{*0}D^{*0})$	16999	16766	1	23693

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta D^- D^{*0}p\bar{\Delta}^+)$	17000	16767	1	23694
17002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0K^+K^-D^+D^-)$	17001	16768	1	23695
17003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+\pi^+\eta K^{*-}\bar{D}^{*-}\eta_c)$	17002	16769	1	23696
17004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^0)$	17003	16770	1	23697
17005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^*D^-D^{*+}D^{*+})$	17004	16771	1	23698
17006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^0, \bar{B}^0 \to \eta D^+D_s^-$ $(e^+e^- \to \rho^-\eta K^0D^+D^+\bar{D}^0D_s^-)$	17005	16772	1	23699
17007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\rho^+\rho^-\omega D^-D^{*+})$	17006	16773	1	23700
17008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^+D_s^-)$	17007	16774	1	23701
17009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^-K^{*+}\bar{D}^0D^{*0})$	17008	16775	1	23702
17010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\chi_{c1}, B^0 \to \mu^+\nu_\mu D_2^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_SD_2^{*-}\chi_{c1})$	17009	16776	1	23703
17011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\eta'\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\omega\eta'D^+\bar{D}^{*0})$	17010	16777	1	23704
17012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^{*-}D^-D^{*+}D^{*+})$	17011	16778	1	23705
17013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\rho^-\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\rho^-\omega K^0K^{*-}D^+\bar{D}^{*-}a_1^+)$	17012	16779	1	23706
17014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^*J/\psi$ $(e^+e^- \to \mu^+\nu_\mu K^0\bar{K}^0\bar{K}^*D^-J/\psi)$	17013	16780	1	23707
17015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Sigma}^+\Lambda, \bar{B}^0 \to \omega\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\omega\bar{K}^0D^-J/\psi\bar{\Sigma}^+\Lambda)$	17014	16781	1	23708
17016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^*\bar{K}^*D^-D^{*+})$	2169	2163	1	23709
17017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}D_s^{*+}D_1^-)$	17016	16783	1	23710

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^-\bar{\Delta}^+\Lambda_c^+)$	17017	16784	1	23711
17019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\omega D^- D^{*+} D_s^{*+})$	17018	16785	1	23712
17020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^- D^+ n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^- K^+ D^+\bar{D}^{*-}D^{*0}n\bar{p})$	17019	16786	1	23713
17021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-})$	2170	2164	1	23714
17022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^{*-})$	17021	16788	1	23715
17023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^- K^+ D_s^-, \bar{B}^0 \to \pi^0\rho^0 K^0 K^+ K^- K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^- K^0 K^+ K^+ K^- K^{*-} D^+ D_s^-)$	17022	16789	1	23716
17024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0 K^{*+}\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\bar{K}^0 K^{*+}\eta' D^- D^0)$	17023	16790	1	23717
17025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^* D_s^-, \bar{B}^0 \to \pi^0\pi^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ K^* D^{*0} D_s^-)$	17024	16791	1	23718
17026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0 D^+ D^-\bar{D}^{*-})$	17025	16792	1	23719
17027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^- D^{*0}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^{*+} D^- D^{*+}\bar{D}^{*-} D^{*0})$	17026	16793	1	23720
17028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\rho^+\omega K^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega K^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	17027	16794	1	23721
17029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ K^- D^{*+}\chi_{c1})$	17028	16795	1	23722
17030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\omega D^+ D^{*+})$	17029	16796	1	23723
17031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega D^+ D^-)$	17030	16797	1	23724
17032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0 K^{*+} D^- D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^{*+} D^-\bar{D}^{*-} D^0)$	17031	16798	1	23725
17033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \pi^0\pi^+ K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+ K_S K^{*-}\eta_c\eta_c)$	17032	16799	1	23726
17034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^- D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^- K^0\bar{K}^0 K^-\bar{D}^{*-} D^0\bar{D}^0)$	17033	16800	1	23727

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^*\bar{D}^{*-}, \bar{B}^0 \to \rho^+a_1^-\gamma$ $(e^+e^- \to \rho^+\rho^+\omega K^*\bar{D}^{*-}a_1^-\gamma)$	17034	16801	1	23728
17036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-K^{*+}K^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^+K^*K^-K^-K^{*+}K^{*-}\bar{D}^{*-})$	17035	16802	1	23729
17037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \rho^0\pi^-\eta\bar{K}^0K^-D^{*+}\bar{D}^0D_s^+)$	17036	16803	1	23730
17038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	17037	16804	1	23731
17039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-}n\bar{p})$	17038	16805	1	23732
17040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\psi', \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K_SD^+\psi')$	2171	2165	1	23733
17041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	17040	16807	1	23734
17042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^+\pi^-\omega K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^+K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	17041	16808	1	23735
17043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\eta\omega D^+D^{*+})$	17042	16809	1	23736
17044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\omega K^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\omega K^{*+}D^{*+})$	17043	16810	1	23737
17045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to \pi^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0D^-\bar{p}\bar{\Lambda}\Lambda_c^+\Xi_c'^+)$	17044	16811	1	23738
17046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^0D^+D^-D^0D_s^{*-})$	17045	16812	1	23739
17047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-D^+D^-)$	17046	16813	1	23740
17048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^*D^{*+}\bar{D}^{*-})$	17047	16814	1	23741
17049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0\bar{K}^0K^-D^+$ $(e^+e^- \to \pi^0\rho^+\omega K^0\bar{K}^0K^-D^+\bar{D}^{*-})$	17048	16815	1	23742
17050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta K^*D^{*+}D^{*+}\bar{D}^{*-})$	17049	16816	1	23743
17051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^0)$	17050	16817	1	23744

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_2^{*-}D_s^{*+})$	17051	16818	1	23745
17053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	17052	16819	1	23746
17054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{K}_1^0\psi')$	17053	16820	1	23747
17055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \pi^-D^+\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \rho^0\pi^-K^0D^+J/\psi\bar{\Lambda}\Sigma^0)$	17054	16821	1	23748
17056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\omega D^-\bar{D}^{*-})$	17055	16822	1	23749
17057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^-D^{*+}D^{*+}a_1^-)$	17056	16823	1	23750
17058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^+D^{*+}\bar{D}^{*-}\gamma)$	17057	16824	1	23751
17059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*0})$	2172	2166	1	23752
17060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^+K^-J/\psi$ $(e^+e^- \to \pi^0\rho^+K^-D^-J/\psi D_{s1}'^+)$	17059	16826	1	23753
17061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eX_u^-K^{*-}D^{*+}\bar{D}^{*0})$	17060	16827	1	23754
17062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+K^-\bar{D}^{*-})$	17061	16828	1	23755
17063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-K^-K^{*+}\bar{D}^{*-}D_1'^+)$	17062	16829	1	23756
17064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0K^0\bar{K}^*K^+K^-D^{*0}$ $(e^+e^- \to \pi^0K^0\bar{K}^0\bar{K}^*K^+K^-D^{*0}n\bar{\Xi}_c'^0)$	17063	16830	1	23757
17065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D_s^+D_s^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+\bar{D}^0D_s^+D_s^-)$	17064	16831	1	23758
17066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*0})$	17065	16832	1	23759
17067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c2}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^-K^+\chi_{c2})$	17066	16833	1	23760
17068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0D^+D^-D_{s1}'^-)$	17067	16834	1	23761

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	17068	16835	1	23762
17070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-K^+D^-D^0\bar{\Delta}^+\Sigma_c^{*++})$	17069	16836	1	23763
17071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\bar{K}^*K^+\bar{D}^{*-}D^{*0}\eta_c)$	17070	16837	1	23764
17072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+D^-n\bar{n})$	17071	16838	1	23765
17073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\omega D^+D^-)$	17072	16839	1	23766
17074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^*D^+\bar{D}^{*-})$	17073	16840	1	23767
17075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-})$	17074	16841	1	23768
17076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*0}\bar{n}\Delta^0)$	17075	16842	1	23769
17077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-D^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^-\bar{D}^{*-}D_s^{*+})$	17076	16843	1	23770
17078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^{*+}D^{*+}\bar{D}^0)$	17077	16844	1	23771
17079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-D^+D_2^{*-}D_s^{*+})$	17078	16845	1	23772
17080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+K^-\eta_c, \bar{B}^0 \to \pi^0K^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+K^0\bar{K}^0K^-D^-D^{*+}\eta_c)$	17079	16846	1	23773
17081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega\Delta^0\bar{\Sigma}_c^{*0}D_1'^+)$	17080	16847	1	23774
17082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0\phi D^{*+}J/\psi)$	17081	16848	1	23775
17083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0D^+D^{*0}\gamma)$	17082	16849	1	23776
17084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+D^-D^{*+}D_s^+)$	17083	16850	1	23777
17085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-}D_0^{*+})$	17084	16851	1	23778

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\eta K^{*-}D^+D^-\bar{D}^0)$	17085	16852	1	23779
17087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0\bar{K}^0D^-D^{*+}D_s^{*-})$	17086	16853	1	23780
17088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\eta\omega D^{*+}D^{*+})$	17087	16854	1	23781
17089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to K^*D^+D^-D^{*+}a_1^-\gamma)$	17088	16855	1	23782
17090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^{*+}D^0\bar{D}^{*0})$	17089	16856	1	23783
17091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-D^-D_{s1}'^+)$	17090	16857	1	23784
17092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+D^+D^{*+}a_1^-)$	17091	16858	1	23785
17093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\Delta^-\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^*D^{*+}\Delta^-\bar{\Sigma}_c^{*0})$	17092	16859	1	23786
17094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^0)$	17093	16860	1	23787
17095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^+D^-D^0)$	17094	16861	1	23788
17096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+D^{*+}D^0)$	17095	16862	1	23789
17097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-}n\bar{p})$	17096	16863	1	23790
17098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\omega D^+D_1^-)$	17097	16864	1	23791
17099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-K^-K^{*+}D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\omega K^-K^{*+}D^+D^-)$	17098	16865	1	23792
17100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_s^+D_0^{*+})$	17099	16866	1	23793
17101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^-D^+D^-)$	17100	16059	1	23794
17102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}\bar{n}\Sigma_c^0)$	17101	16867	1	23795

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	17102	13375	1	23796
17104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D_2^{*+}\bar{D}^0D_s^{*+})$	17103	16868	1	23797
17105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\omega D^-D^{*+})$	17104	16869	1	23798
17106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*K^{*+}D_s^{*-}, \bar{B}^0 \to \bar{K}^0\phi D^+D^-$ $(e^+e^- \to \bar{K}^0K^*K^{*+}\phi D^+D^-D_s^{*-})$	17105	16870	1	23799
17107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\omega D^0\bar{D}^{*0}D_1'^+)$	17106	16871	1	23800
17108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0\bar{K}^0D^+D^{*+})$	17107	16872	1	23801
17109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^-D^{*+})$	17108	16873	1	23802
17110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^-D^+D^{*+})$	17109	16874	1	23803
17111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega D^+D^-)$	17110	16875	1	23804
17112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^-D^{*0})$	17111	16876	1	23805
17113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}\bar{D}^{*-}D_{s0}^{*+})$	17112	16877	1	23806
17114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, B^0 \to \pi^+\pi^-\rho^+K^*\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*\bar{D}^{*-}\bar{D}^{*0})$	17113	16878	1	23807
17115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0})$	17114	16879	1	23808
17116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\omega\omega D^-D^{*+})$	17115	16880	1	23809
17117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+K^+K^-D^{*+}\bar{D}^{*-})$	17116	16881	1	23810
17118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c0}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta\bar{K}^0D^+\chi_{c0})$	17117	16882	1	23811
17119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^{*+}\bar{D}^0)$	17118	16883	1	23812

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^-D^{*+})$	2173	2167	1	23813
17121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \eta\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0})$	2174	2168	1	23814
17122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to K^0\bar{K}^0D^-D^{*+}\psi')$	17121	16886	1	23815
17123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}a_1^-)$	17122	16887	1	23816
17124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega K^+K^-D^+\bar{D}^{*-})$	17123	16888	1	23817
17125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \bar{K}^0K^+D^-$ $(e^+e^- \to K^0\bar{K}^0K^+D^-D^-D^{*+})$	17124	16889	1	23818
17126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\Delta^0\bar{\Sigma}_c^0)$	17125	16890	1	23819
17127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\omega D^-\bar{D}^{*-})$	2175	2169	1	23820
17128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\eta\eta K^{*+}K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta\eta\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	17127	16892	1	23821
17129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^+D^-D_s^+D_s^-)$	17128	16893	1	23822
17130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to K^0\bar{K}^0D^+\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	17129	16894	1	23823
17131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-D^{*0}D_1^-)$	17130	16895	1	23824
17132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	17131	16896	1	23825
17133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \bar{K}^0\bar{p}\Sigma_c^{*+}$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^+D^-\bar{p}\Sigma_c^{*+})$	2176	2170	1	23826
17134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-K^0D^+D^{*+}\bar{D}^0D_s^{*-})$	17133	16898	1	23827
17135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^+D^+n\bar{\Xi}_c'^-D_{s0}^{*-})$	2177	2171	1	23828
17136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^-D_1'^+)$	17135	16899	1	23829

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0K^*\bar{K}^*D^-\chi_{c2})$	17136	16900	1	23830
17138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^{*+}D^0\bar{D}^0)$	17137	16901	1	23831
17139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^-D^+D^-D_{s0}^{*+})$	17138	16902	1	23832
17140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-K^-\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	17139	16903	1	23833
17141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+K^{*-}D^+D^-\bar{D}^{*-})$	17140	16904	1	23834
17142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-})$	17141	16905	1	23835
17143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^+D^-D^{*0})$	2178	2172	1	23836
17144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^-D^{*+}D_{s0}^{*-})$	17143	16907	1	23837
17145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+D^-D_s^-)$	17144	16908	1	23838
17146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0K^0\bar{K}^*K^-D^{*+}D^{*0}\bar{D}^{*0})$	17145	16909	1	23839
17147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^{*-}D^0\bar{D}^0\bar{D}^{*0}\bar{p}\Delta^+)$	17146	16910	1	23840
17148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0D^-D^{*+}\bar{D}^{*-})$	17147	16911	1	23841
17149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-\eta\omega D^+\bar{D}^{*0})$	17148	16912	1	23842
17150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^+\bar{p}\Omega_c^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^+K^+K^-D^+\bar{p}\Omega_c^0)$	17149	16913	1	23843
17151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+K^*D^-D^0)$	17150	16914	1	23844
17152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{K}^0K^*D^-D^-D^{*+})$	17151	16915	1	23845
17153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^{*+}\bar{D}^{*-}D^0)$	17152	16916	1	23846

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\rho^0\bar{n}\Sigma_c^0 D_1'^-)$	17153	16917	1	23847
17155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^0K^{*-}D^{*+}\bar{D}^0 D_s^+ D_s^-)$	17154	16918	1	23848
17156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0K^*K^-\phi D^+$ $(e^+e^- \to \pi^0\pi^+K^*K^-\phi D^+\Delta^+\bar{\Sigma}_c^{*--})$	17155	16919	1	23849
17157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+D^-\bar{D}^{*-})$	17156	16920	1	23850
17158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^-\rho^+\bar{K}^*K^+K^{*-}D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^*K^+K^{*-}D^{*0}D_1^+)$	17157	16921	1	23851
17159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^*D^+\bar{D}^{*-}D_s^{*-}\bar{n}p)$	17158	16922	1	23852
17160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-})$	17159	16923	1	23853
17161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+K^+K^-\bar{D}^{*-}\bar{D}^{*-})$	17160	16924	1	23854
17162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^+K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^*D^-D^{*+}\bar{D}^{*-})$	17161	16925	1	23855
17163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\Delta^0\bar{\Sigma}_c^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-\Delta^0\bar{\Sigma}_c^0)$	17162	16926	1	23856
17164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to \pi^-\bar{D}^0D^{*0}D_s^+\bar{\Delta}^0\Sigma^0)$	17163	16927	1	23857
17165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0})$	17164	16928	1	23858
17166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0D^+D_s^{*-}$ $(e^+e^- \to \rho^0K^*D^+D^{*0}\bar{D}^{*0}D_s^{*-})$	17165	16929	1	23859
17167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^0\bar{K}^*K^+K^{*-}D^+D^-)$	17166	16930	1	23860
17168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\bar{K}^*K^{*+}D^-D^0\bar{D}^0D^{*0})$	17167	16931	1	23861
17169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D_2^{*-}D_s^+)$	17168	16932	1	23862
17170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	17169	16933	1	23863

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D^+ D^-, \bar{B}^0 \to K_S J/\psi$ $(e^+e^- \to \pi^0 K_S K^* D^+ D^- J/\psi)$	17170	16934	1	23864
17172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \Delta^0 \bar{\Lambda}_c^-, \bar{B}^0 \to \rho^- K^0 \bar{K}^0 D^{*+}$ $(e^+e^- \to \rho^+\rho^- K^0 \bar{K}^0 D^{*+} \Delta^0 \bar{\Lambda}_c^-)$	17171	16935	1	23865
17173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^0 \bar{K}^* D^+$ $(e^+e^- \to e^+\nu_e \pi^0\pi^- K^0 \bar{K}^* D^+ \bar{D}^{*-})$	17172	16936	1	23866
17174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^- \bar{\Delta}^0 p, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^-\omega D^- \bar{\Delta}^0 p D_0^{*+})$	17173	16937	1	23867
17175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^- D^+ \bar{D}^{*-} D_s^{*-})$	17174	16938	1	23868
17176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e \rho^0\pi^+\pi^-\pi^- D^{*+} D_2^{*-})$	17175	16939	1	23869
17177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, B^0 \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^{*-}\bar{D}^0 D_s^{*+}\gamma)$	17176	16940	1	23870
17178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-\gamma, B^0 \to \pi^0\pi^-\rho^- K^+ \bar{n}p$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^+ D^- \bar{n}p\gamma)$	17177	16941	1	23871
17179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- \bar{n}p, B^0 \to \pi^0\pi^+\omega K^{*+} K^{*-} D^-$ $(e^+e^- \to \pi^0\pi^+\omega K^{*+} K^{*-} D^- D^- \bar{n}p)$	17178	16942	1	23872
17180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \pi^0\pi^- \bar{D}^0, \bar{B}^0 \to \pi^-\eta\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^-\pi^-\eta\eta' D^+ \bar{D}^0)$	17179	16943	1	23873
17181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\pi^-\rho^+ \bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^- K^+ D^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ K^+ D^- \bar{D}^{*-} D^{*0})$	17180	16944	1	23874
17182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+} D_2^{*-} \Sigma^0 \bar{\Sigma}^-)$	17181	16945	1	23875
17183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^0 D^{*0} \bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0} \bar{n}p)$	17182	16946	1	23876
17184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\eta' D^-, \bar{B}^0 \to D^{*+} D_s^{*-}\gamma$ $(e^+e^- \to \rho^0\pi^+\omega\eta' D^- D^{*+} D_s^{*-}\gamma)$	17183	16947	1	23877
17185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+ D_2^{*-} D^0 D_s^+ D_s^-)$	17184	16948	1	23878
17186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \pi^0 D^-, \bar{B}^0 \to \rho^+ K^- D^+ D^-$ $(e^+e^- \to \mu^+\nu_\mu \pi^0 \rho^+ K^- D^+ D^- D^-)$	17185	16949	1	23879
17187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^* K^- D^{*+}, \bar{B}^0 \to \pi^-\omega\bar{K}^0 D^+$ $(e^+e^- \to \pi^-\omega\bar{K}^0 K^* K^- D^+ D^{*+})$	17186	16950	1	23880

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}\bar{n}p)$	17187	16951	1	23881
17189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	17188	16952	1	23882
17190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\eta D^{*+}n\bar{p}\Delta^+\bar{\Sigma}_c^{*-})$	17189	16953	1	23883
17191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-D^-a_1^+)$	17190	16954	1	23884
17192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-K^{*-}\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+K^{*-}\bar{D}^{*0}\bar{n}\Lambda_c^+)$	17191	16955	1	23885
17193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta' D^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta' D^+D^+D_s^{*-})$	17192	16956	1	23886
17194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\eta\bar{D}^{*-}\bar{p}\Sigma_c^0)$	17193	16957	1	23887
17195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau\eta D^{*+}D_1^+)$	17194	16958	1	23888
17196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega K^0D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\omega K^0D^+D_s^{*-})$	2179	2173	1	23889
17197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^*\bar{n}pD_0^{*+})$	17196	16960	1	23890
17198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^+\pi^-\bar{\Delta}^0\Delta^+\Sigma_c^{*+}\bar{\Sigma}_c^{--})$	17197	16961	1	23891
17199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega D^0D^{*0})$	17198	16962	1	23892
17200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0D^-D^-D^{*+})$	17199	16963	1	23893
17201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^{*+}\bar{D}^{*-}D_1^-)$	17200	16964	1	23894
17202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\omega\omega\bar{K}^0D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\omega\omega\bar{K}^0D^-D^-)$	17201	16965	1	23895
17203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0K^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^+K^-D^{*+}D^0\bar{D}^{*0})$	17202	16966	1	23896
17204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^{*+}D_s^+D_s^{*-}n\bar{n})$	17203	16967	1	23897

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	17204	7783	1	23898
17206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+D^+D^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\omega K^+D^+D^-D^0)$	17205	16968	1	23899
17207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^-K^*D^+D^{*+}\bar{D}^0D_{s1}'^-)$	17206	16969	1	23900
17208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^0\bar{n}p, \bar{B}^0 \to K^-D^{*+}\Delta^-\bar{\Sigma}^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^-D^{*+}\bar{D}^0\Delta^-\bar{n}p\bar{\Sigma}^{*+})$	17207	16970	1	23901
17209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	17208	16971	1	23902
17210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	17209	16972	1	23903
17211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+D^-D^{*0})$	17210	16973	1	23904
17212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^{*+}K^{*-}D^-D^{*+}D^0)$	17211	16974	1	23905
17213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^-D_1'^+)$	17212	16975	1	23906
17214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^-D^+D^+D_s^{*-})$	17213	16976	1	23907
17215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-}D^{*0})$	17214	16977	1	23908
17216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-\bar{K}^0K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\omega K^{*-}J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\bar{K}^0K^{*+}K^{*-}\bar{D}^0J/\psi)$	17215	16978	1	23909
17217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^{*+}n\bar{p})$	17216	16979	1	23910
17218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0D^-\bar{n}\Delta^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^-\bar{n}\Delta^+)$	17217	16980	1	23911
17219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D^-\bar{D}^{*-})$	17218	15633	1	23912
17220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+D_s^-)$	442	442	1	23913
17221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^-\omega D^{*+}D^{*+})$	17220	16982	1	23914

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^+ \eta_c)$	17221	16983	1	23915
17223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^{*0}, \bar{B}^0 \to \bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^* K^+ \bar{D}^{*-} D^{*0} \bar{D}^{*0} \bar{\Delta}^0 \Sigma^{*0})$	17222	16984	1	23916
17224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\rho^-\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-\rho^-\bar{K}^0 K^+ D^- D^{*+})$	17223	16985	1	23917
17225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- D^{*+} p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^- D^{*+}\bar{D}^{*-} p\bar{p})$	17224	16986	1	23918
17226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^- D^+, \bar{B}^0 \to \pi^0\pi^-\omega K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega K^{*+} K^{*-} D^+ D^+)$	17225	16987	1	23919
17227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ D^+ \bar{D}^{*-} a_1^-)$	17226	16988	1	23920
17228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 K^+ K^+ K^- \phi D_s^{*-}, \bar{B}^0 \to \pi^+ K^- \eta_c$ $(e^+e^- \to \pi^+ K^0 K^+ K^+ K^- K^- \phi D_s^{*-} \eta_c)$	2181	2175	1	23921
17229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ K^* D^0 J/\psi)$	17228	16990	1	23922
17230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+} D_s^+)$	17229	16991	1	23923
17231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^+\rho^-\eta D^+ \bar{D}^{*-}\gamma)$	17230	16992	1	23924
17232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^0)$	17231	16993	1	23925
17233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, B^0 \to K^* D^- D^{*+}$ $(e^+e^- \to \pi^0 K^* D^- D^{*+}\Delta^0\bar{\Sigma}_c^0)$	17232	16994	1	23926
17234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	17233	16995	1	23927
17235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^+, B^0 \to \pi^+\pi^-\pi^- K^+ D^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^- K^+ D^- D^- D^{*+} D_s^+)$	17234	16996	1	23928
17236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0 D^- D_s^+, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to K^0\bar{K}^0 D^- D^{*+} D_s^+ D_s^-)$	17235	16997	1	23929
17237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0 D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega K^0 D^- D^{*+})$	17236	16998	1	23930
17238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to D^+ D_{s1}^-$ $(e^+e^- \to \rho^0\pi^+\eta D^+ D^- D_{s1}^-)$	17237	16999	1	23931

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	17238	7524	1	23932
17240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*-})$	17239	17000	1	23933
17241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-X_{sd}\gamma)$	17240	17001	1	23934
17242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+\bar{D}^{*0})$	17241	17002	1	23935
17243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^{\prime+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}D_{s1}^{\prime+})$	17242	17003	1	23936
17244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^{*+}\eta_c)$	17243	17004	1	23937
17245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	17244	17005	1	23938
17246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-})$	17245	17006	1	23939
17247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+K^-D^{*+}\bar{D}^{*-})$	17246	17007	1	23940
17248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-D^+D^-\bar{n}p)$	17247	17008	1	23941
17249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\eta' D^+D^-D^{*+})$	17248	17009	1	23942
17250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\eta' D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\eta' D^+D^-D_s^-)$	17249	17010	1	23943
17251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0D^+D^-\bar{D}^{*0})$	17250	17011	1	23944
17252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}\bar{p}\Lambda_c^+)$	17251	17012	1	23945
17253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^*K^{*+}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^0\bar{K}^*K^{*+}D^{*+}D^{*0})$	2182	2176	1	23946
17254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0\bar{D}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\omega K^0D^+\bar{D}^0\Delta^0\bar{\Delta}^+)$	17253	17014	1	23947
17255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^-K^{*+}D^+\bar{D}^{*-})$	17254	17015	1	23948

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \omega\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\omega\bar{D}^{*-}D_s^+\bar{n}\Sigma_c^{*0})$	17255	17016	1	23949
17257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}D_{s1}'^-)$	17256	17017	1	23950
17258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\chi_{c2}$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^+\bar{D}^{*-}\chi_{c2})$	17257	17018	1	23951
17259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to \rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta\omega\bar{K}^0D^+D^-D^-)$	17258	17019	1	23952
17260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^+D^-D_{s1}'^-)$	17259	17020	1	23953
17261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}D^{*0})$	17260	17021	1	23954
17262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	17261	17022	1	23955
17263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^{*+}D^-D^{*+})$	2183	2177	1	23956
17264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \eta D^{*0}\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta D^-D^{*0}\Lambda\bar{\Sigma}^0)$	17263	17024	1	23957
17265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}\phi D^-, \bar{B}^0 \to \eta' D^{*0}$ $(e^+e^- \to \rho^0\bar{K}^0K^{*+}\eta'\phi D^-D^{*0})$	17264	17025	1	23958
17266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^{*+}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\gamma)$	17265	17026	1	23959
17267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta\omega D^+D^-)$	17266	9201	1	23960
17268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \eta\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\omega K^0\bar{K}^0\bar{K}^0D^-D^-D^{*+})$	17267	17027	1	23961
17269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^*D^+D_s^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^0K^*D^+D^{*+}D_s^-)$	17268	17028	1	23962
17270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+D^-D^0D_s^-\gamma)$	443	443	1	23963
17271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*\eta_c, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega\bar{K}^*\bar{D}^{*-}\eta_c)$	17270	17030	1	23964
17272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+D^+D^-)$	17271	17031	1	23965

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}\gamma, \bar{B}^0 \to D^{*+}D_{s0}^{*-}\gamma$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_{s0}^{*+}D_{s0}^{*-}\gamma\gamma)$	17272	17032	1	23966
17274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}D^0D_s^-)$	17273	17033	1	23967
17275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+D_1'^+)$	17274	17034	1	23968
17276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-p\bar{p}, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+D^-\bar{D}^0p\bar{p})$	17275	17035	1	23969
17277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0p\bar{\Delta}^{++})$	17276	17036	1	23970
17278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta'D^{*+}\bar{D}^{*-})$	17277	17037	1	23971
17279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+})$	17278	17038	1	23972
17280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta D^-D^{*+})$	17279	17039	1	23973
17281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \pi^-K^{*+}D^+D_s^{*-}\eta_c\gamma)$	17280	17040	1	23974
17282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega D^+D_s^{*-}D_1^+)$	17281	17041	1	23975
17283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^-D^{*+}\bar{D}^{*-})$	17282	17042	1	23976
17284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}a_1^+\gamma)$	17283	17043	1	23977
17285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^*\bar{D}^{*-})$	17284	17044	1	23978
17286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to D_s^{*-}\Delta^0\bar{\Sigma}^+$ $(e^+e^- \to e^+\nu_eD^-D_s^{*-}\Delta^0\bar{\Sigma}^+)$	17285	17045	1	23979
17287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^*D^{*0}J/\psi)$	17286	17046	1	23980
17288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}\eta_c)$	17287	17047	1	23981
17289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^{*+}D^0\bar{D}^{*0}D_s^-)$	17288	17048	1	23982

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^-)$	17289	17049	1	23983
17291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-D_s^{*-})$	17290	17050	1	23984
17292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+K^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+K^-p\bar{\Sigma}_c^{*--})$	2185	2179	1	23985
17293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta\bar{K}^0K^-\bar{D}^{*-}D_s^+)$	17292	17052	1	23986
17294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	17293	17053	1	23987
17295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}D_s^{*-})$	17294	17054	1	23988
17296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	17295	17055	1	23989
17297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+D_1^-)$	17296	17056	1	23990
17298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\omega\bar{K}^0\bar{K}^*K^+K^+D^+\bar{D}^{*-})$	17297	17057	1	23991
17299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^-D^{*+}n\bar{n})$	17298	17058	1	23992
17300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^-n\bar{n}D_1^+)$	17299	17059	1	23993
17301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\eta'D^+, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^-\omega\omega\eta'D^+D^{*+})$	17300	17060	1	23994
17302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^{*+}D_2^{*+})$	17301	17061	1	23995
17303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\eta K^0D^+D^-)$	17302	17062	1	23996
17304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	17303	17063	1	23997
17305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}D_s^{*-})$	17304	17064	1	23998
17306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*0}p\bar{p})$	17305	17065	1	23999

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega K^+K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\omega K^+K^{*-}D^+D^-)$	17306	17066	1	24000
17308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-\omega$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega\Delta^0\bar{\Sigma}_c^-)$	17307	17067	1	24001
17309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	17308	17068	1	24002
17310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}p\bar{\Lambda}_c^-)$	17309	17069	1	24003
17311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{p}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D^{*+}\bar{p}\Delta^{++})$	17310	17070	1	24004
17312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\bar{K}^0K^*K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	17311	17071	1	24005
17313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_{s1}'^+)$	17312	17072	1	24006
17314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega D^{*+}D^{*+})$	17313	17073	1	24007
17315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Sigma^{*0}\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*D^+\Sigma^{*0}\bar{\Xi}_c'^0)$	17314	17074	1	24008
17316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^+K^*K^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^*K^-\bar{D}^{*-}D^0)$	17315	17075	1	24009
17317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^+D_2^{*+}D_2^{*-}D_s^-)$	17316	17076	1	24010
17318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	2186	2180	1	24011
17319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-D^+D_1^+)$	2187	2181	1	24012
17320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	17319	17079	1	24013
17321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+D^{*0}D_1^-)$	17320	17080	1	24014
17322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^0, \bar{B}^0 \to \pi^0\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\eta\omega K^-D^+\bar{D}^0D^{*0})$	17321	17081	1	24015
17323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^0, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^0\pi^+K^-D^0\psi')$	17322	17082	1	24016

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+K^+K^{*-}D^+D^-)$	17323	17083	1	24017
17325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^-D^+D_2^{*-}\bar{D}^{*0})$	17324	17084	1	24018
17326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}n\bar{p})$	17325	17085	1	24019
17327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{n}\Delta^{++}\gamma)$	17326	17086	1	24020
17328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+D^-)$	2188	2182	1	24021
17329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	17328	17088	1	24022
17330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^-D_2^{*+})$	17329	17089	1	24023
17331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega D^+D^{*+})$	17330	17090	1	24024
17332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{D}^0D_s^+D_1^+)$	17331	17091	1	24025
17333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^0\bar{D}^{*0})$	2189	2183	1	24026
17334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\eta D^-D^{*+})$	17333	17093	1	24027
17335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0\bar{K}^*\bar{D}^{*-}D_s^+$ $(e^+e^- \to \rho^0\pi^+\eta\bar{K}^0\bar{K}^*D^-\bar{D}^{*-}D_s^+)$	17334	17094	1	24028
17336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \rho^+\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	17335	17095	1	24029
17337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D_1^+D_1'^-)$	17336	17096	1	24030
17338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0\bar{\Delta}^+\Xi_c'^+, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^0D^{*+}\Delta^-\bar{\Delta}^0\bar{\Delta}^+\Xi_c'^+)$	2190	2184	1	24031
17339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^*D^{*+}\bar{D}^{*-}D^0)$	17338	17098	1	24032
17340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0K^*D_s^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+K^0K^*D^{*+}D_s^{*-})$	17339	17099	1	24033

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^0\rho^- D^+\gamma$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^- D^+ D^{*+}\gamma)$	17340	17100	1	24034
17342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-} D_1'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_s^{*-} D_1'^+)$	17341	17101	1	24035
17343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \bar{D}^{*-} D_s^+ \bar{K}_1^0\psi(3770))$	17342	17102	1	24036
17344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{D}^{*-}\Lambda\bar{\Xi}^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta'\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0\eta'\bar{D}^{*-}\bar{n}p\Lambda\bar{\Xi}^+)$	17343	17103	1	24037
17345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^+K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^+K^- D^{*+}\bar{D}^{*-})$	17344	17007	1	24038
17346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^* D^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0\bar{K}^* D^+ D^- D^{*0}\bar{D}^{*0})$	17345	17104	1	24039
17347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	17346	17105	1	24040
17348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0 D^{*+}\bar{D}^0 D_s^{*-})$	17347	17106	1	24041
17349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0 D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta K^0\bar{K}^0 D^+ D^-)$	17348	17107	1	24042
17350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D_s^-, \bar{B}^0 \to \bar{K}^* a_1^0$ $(e^+e^- \to \pi^0\bar{K}^* K^+ D_s^- a_1^0)$	17349	17108	1	24043
17351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^- K^+K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta K^+K^- D^{*+}\bar{D}^{*-})$	17350	17109	1	24044
17352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^+ K^- D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+ K^- D^+ D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	17351	17110	1	24045
17353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^0\pi^-\pi^- K^+ D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^- K^+ D^+\bar{D}^0 D_0^{*-})$	17352	17111	1	24046
17354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\bar{K}^0 K^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\rho^-\eta\bar{K}^0 K^+ D^{*+}\bar{D}^0)$	17353	17112	1	24047
17355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to e^+\nu_e X_u^- D^{*+} D_{s1}'^-)$	17354	17113	1	24048
17356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- K^0 D^+ D^+\bar{D}^{*-})$	17355	17114	1	24049
17357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^- K^+K^- D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^* K^+ K^- K^{*+} D^+ D^-)$	2191	2185	1	24050

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^0 D^+ \bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta\omega K^0 D^+ D^{*+}\bar{D}^0)$	17357	17116	1	24051
17359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \eta K^{*-} D^+ \bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta K^{*-} D^+ \bar{D}^0 D_0^{*-})$	2192	2186	1	24052
17360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^-\rho^+\eta D^{*+}\bar{D}^0 D_s^-)$	17359	17118	1	24053
17361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^0\bar{K}^0 K^+ K^- \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^0\rho^+ K^0\bar{K}^0\bar{K}^* K^+ K^- D^+ D^- \bar{D}^{*-})$	17360	17119	1	24054
17362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to e^+\nu_e X_u^-\bar{K}^0\psi')$	17361	17120	1	24055
17363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}\bar{n}\Sigma_c^{*0})$	17362	17121	1	24056
17364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^+ D^-, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^+ K^- D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^* K^+ K^- D^+ D^- D^-)$	17363	17122	1	24057
17365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^- D^+ p\bar{\Lambda})$	17364	17123	1	24058
17366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta\eta K^{*-} D^- D^{*+}\bar{D}^{*0})$	17365	17124	1	24059
17367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^-, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+ K^0 D^0 D_s^+ D_s^- D_s^-)$	17366	17125	1	24060
17368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^0\bar{K}^0 D^+ D_s^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^- K^0\bar{K}^0\bar{K}^0\bar{K}^0 K^+ D^+ D^{*+} D_s^-)$	17367	17126	1	24061
17369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^+ D^{*+}\Delta^0\bar{\Sigma}_c^{*-} a_1^-)$	17368	17127	1	24062
17370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_s^-\Delta^+\bar{\Lambda}, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta'\bar{D}^{*-} D_s^-\Delta^+\bar{\Lambda})$	17369	17128	1	24063
17371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^- D^+\bar{D}^{*-})$	17370	17129	1	24064
17372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\eta D^{*+}\bar{D}^{*-} D_s^{*-})$	17371	17130	1	24065
17373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^{*+}\Delta^0\bar{\Sigma}_c^0)$	17372	17131	1	24066
17374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0 K^{*+} D^{*+}$ $(e^+e^- \to \pi^-\rho^-\bar{K}^0 K^{*+} D^{*+} D_s^{*+} D_1^-)$	17373	17132	1	24067

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e X_u^-\pi^-\eta K^0\bar{K}^*D^+)$	17374	17133	1	24068
17376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \eta D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta D^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--})$	2193	2187	1	24069
17377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	17376	17135	1	24070
17378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\bar{n}\Sigma_c^0 D_1'^+)$	2194	2188	1	24071
17379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^-D^{*+}a_1^-)$	17378	17137	1	24072
17380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	17379	17138	1	24073
17381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0)$	17380	17139	1	24074
17382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^+D_2^{*-}D_s^{*+})$	17381	17140	1	24075
17383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0\bar{K}^0K^+\phi\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0\bar{K}^*K^+\phi D^-D^{*+}\bar{D}^{*-})$	17382	17141	1	24076
17384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \eta\eta D^0$ $(e^+e^- \to \rho^+\eta\eta\eta D^-D^0)$	17383	17142	1	24077
17385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^+D_1^-)$	17384	17143	1	24078
17386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \bar{K}^0D^+D_s^-\Delta^0\bar{\Xi}_c^{*0})$	17385	17144	1	24079
17387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^{*-}D^+D^{*+}a_1^-)$	17386	17145	1	24080
17388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+D^-\bar{D}^{*-})$	17387	17146	1	24081
17389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\chi_{c0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D_s^-\chi_{c0})$	17388	17147	1	24082
17390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^*D^-D^{*0}\bar{D}^{*0})$	17389	17148	1	24083
17391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^0D_s^+)$	17390	17149	1	24084

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta K^0 D^+ D^- D^{*+})$	17391	17150	1	24085
17393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^0 D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^0 D^+ D_s^{*-}\bar{p}\Sigma_c^+)$	17392	17151	1	24086
17394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 D^- \bar{n}\Delta^+, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^- D^- \bar{n}\Delta^+)$	17393	17152	1	24087
17395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	17394	17153	1	24088
17396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \rho^+\eta\omega K^{*-} D^0$ $(e^+e^- \to \rho^+\rho^+\eta\omega\bar{K}^0 K^* K^{*-}\bar{D}^{*-} D^0)$	17395	17154	1	24089
17397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+)$	17396	17155	1	24090
17398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega\omega\omega\bar{K}^0 D^{*+}\bar{D}^{*-})$	17397	17156	1	24091
17399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+ K^- D^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^+\eta K^+ K^- D^- D^{*+} D_{s1}'^-)$	17398	17157	1	24092
17400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^+\bar{D}^{*-} D_2^{*-} D_s^+)$	17399	17158	1	24093
17401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^- D_s^{*+}\bar{\Delta}^0\Lambda_c^+ D_1'^-)$	17400	17159	1	24094
17402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^+\bar{D}^{*-}, B^0 \to K^-\Delta^+\bar{\Xi}_c^{*0}$ $(e^+e^- \to K^- D^+\bar{D}^{*-}\Delta^+\bar{\Xi}_c^{*0})$	17401	17160	1	24095
17403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e D^+ D^-\bar{D}^{*-})$	17402	17161	1	24096
17404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^- K^{*-} D^{*+}\bar{D}^0\bar{D}^{*0} D_s^+)$	17403	17162	1	24097
17405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	17404	477	1	24098
17406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\bar{D}^{*-} D_s^{*+})$	17405	17163	1	24099
17407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \rho^0\bar{K}^* K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\bar{K}^* K^+\bar{D}^{*-} D_1'^-)$	17406	17164	1	24100
17408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\eta D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	17407	17165	1	24101

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+})$	17408	17166	1	24102
17410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\bar{K}^0 D^{*+} D_1^-)$	17409	17167	1	24103
17411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D^{*+}D_s^{*-}\gamma)$	17410	17168	1	24104
17412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+D^-D^{*+}\gamma)$	17411	17169	1	24105
17413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^*D^+D^+\bar{D}^{*-})$	17412	17170	1	24106
17414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \rho^0\omega\bar{K}^*D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\omega\bar{K}^*D^+D^{*0})$	17413	17171	1	24107
17415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*D^{*+}J/\psi)$	17414	17172	1	24108
17416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^-D^{*+})$	2195	2189	1	24109
17417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0 n\bar{\Sigma}_c^0, B^0 \to \pi^0\pi^0\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega\bar{D}^{*0}n\bar{\Sigma}_c^0)$	17416	17174	1	24110
17418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \pi^0\rho^+K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Xi_c^0)$	17417	17175	1	24111
17419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+D^{*+}D_s^{*-})$	17418	17176	1	24112
17420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to K^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-\rho^+\eta K^-\bar{D}^{*0}\bar{n}\Lambda_c^+)$	17419	17177	1	24113
17421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+D^-)$	17420	17178	1	24114
17422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^0D^{*0})$	17421	17179	1	24115
17423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0)$	2196	2190	1	24116
17424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}a_1^+)$	17423	17181	1	24117
17425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta\omega K^0\bar{K}^0D^+D^+)$	17424	17182	1	24118

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0\bar{n}\Lambda$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}D^0\bar{n}\Lambda)$	17425	17183	1	24119
17427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0D^-D_s^{*+}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^-D^-D_s^{*+})$	17426	17184	1	24120
17428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\eta' D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\eta' D^{*+}\bar{D}^{*-})$	17427	17185	1	24121
17429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^-K^0\bar{K}^0\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^-\bar{D}^{*0}D_s^{*+})$	17428	17186	1	24122
17430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0J/\psi, B^0 \to \pi^+\rho^-K^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^-K^0K^+K^-\bar{D}^{*0}J/\psi)$	17429	17187	1	24123
17431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-D^+D^-D_s^-)$	17430	17188	1	24124
17432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-)$	17431	17189	1	24125
17433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	17432	17190	1	24126
17434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\eta' D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\omega\eta' D^{*+}\bar{D}^{*-})$	17433	17191	1	24127
17435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	17434	17192	1	24128
17436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^+\bar{D}^{*-})$	17435	17193	1	24129
17437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	17436	17194	1	24130
17438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^*\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^-K^*D^+\bar{D}^0)$	17437	17195	1	24131
17439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^*J/\psi, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^*\bar{D}^0J/\psi)$	17438	17196	1	24132
17440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, B^0 \to \pi^-K^{*+}D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^{*+}K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-})$	17439	17197	1	24133
17441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D_1^+)$	17440	17198	1	24134
17442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^-\bar{\Delta}^+\Sigma_c^{++})$	17441	17199	1	24135

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 K^+ K^- \bar{D}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \eta K^0 K^+ K^- D_2^{*+} \bar{D}^0)$	17442	17200	1	24136
17444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+ \nu_e D_0^{*-}, B^0 \to \pi^0\pi^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e \pi^0\pi^0 \bar{D}^0 D_0^{*-})$	17443	17201	1	24137
17445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0 \bar{K}^0 D^- D^{*+} \bar{D}^{*0})$	444	444	1	24138
17446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-} D^{*0}\bar{D}^{*0})$	17445	17203	1	24139
17447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^+, B^0 \to \bar{D}^{*-} a_1^+$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*-} D_s^+ a_1^+)$	2198	2192	1	24140
17448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0 K^* D^+$ $(e^+e^- \to \tau^+\nu_\tau \pi^0\rho^0\pi^- \bar{K}^0 K^* D^+ \bar{D}^{*-})$	17447	17205	1	24141
17449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+ a_1^- \gamma$ $(e^+e^- \to \pi^+\pi^-\rho^+ D^+ \bar{D}^{*-} a_1^- \gamma)$	17448	17206	1	24142
17450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^-\eta D^+ \bar{D}^{*-} D_s^{*+})$	17449	17207	1	24143
17451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^- D^+ D^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^* K^- K^{*+} D^+ D^- \bar{D}^{*-})$	2199	2193	1	24144
17452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\eta_c, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to K_L D^+ \eta_c a_1^-)$	17451	17209	1	24145
17453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^{*+}, B^0 \to \pi^0\pi^0\pi^0\pi^0 K^+ p\bar{\Sigma}_c^{*--}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0 K^+ D^- D_s^{*+} p\bar{\Sigma}_c^{*--})$	17452	17210	1	24146
17454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^+ \bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	17453	17211	1	24147
17455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^-$ $(e^+e^- \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^- \bar{D}^{*-} D_{s1}'^+)$	17454	17212	1	24148
17456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*0})$	17455	17213	1	24149
17457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to e^+\nu_e X_u^- \rho^0\pi^-\pi^-\rho^+\omega D^{*+})$	17456	17214	1	24150
17458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0 K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0} a_1^+)$	17457	17215	1	24151
17459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\eta\omega\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\omega K^0\bar{K}^0 K^+ D^+ D^{*+}\bar{D}^{*-})$	17458	17216	1	24152

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}D_s^{*-})$	17459	17217	1	24153
17461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-\rho^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	17460	17218	1	24154
17462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\rho^+\bar{D}^{*-})$	2200	2194	1	24155
17463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^0\rho^+\eta D^-\bar{\Delta}^+\Sigma_c^+)$	17462	17220	1	24156
17464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^{*0})$	17463	17221	1	24157
17465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-K^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-K^{*+}D^{*+})$	17464	17222	1	24158
17466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^{*+}D^+D^-)$	17465	17223	1	24159
17467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0D^{*+}\bar{D}^{*-}\bar{n}p)$	17466	17224	1	24160
17468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+\eta\bar{D}^0D_1^+)$	17467	17225	1	24161
17469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\omega D^-D^{*+}\bar{\Delta}^0\Delta^+a_1^-)$	17468	17226	1	24162
17470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^+D^+\bar{D}^{*-}D^{*0})$	17469	17227	1	24163
17471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^0D_s^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-K^0D^{*+}D_s^-\bar{\Sigma}^0\Sigma^+)$	17470	17228	1	24164
17472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\omega D^{*+}D_1^-)$	17471	17229	1	24165
17473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta'D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega\bar{K}^*K^+\eta'D^+\bar{D}^{*-})$	17472	17230	1	24166
17474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^0)$	17473	17231	1	24167
17475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-}D^0)$	17474	17232	1	24168
17476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta K^0K^+D_s^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0K^+D^+D_s^{*-})$	17475	17233	1	24169

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega D^-\bar{\Delta}^0\Sigma_c^{*0})$	17476	17234	1	24170
17478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\omega K^+, \bar{B}^0 \to \rho^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^0K^+K^-D^+)$	17477	17235	1	24171
17479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta'\bar{\Delta}^0\Xi_c^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta'D^{*+}\bar{\Delta}^0\Xi_c^{*0})$	17478	17236	1	24172
17480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	17479	14926	1	24173
17481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+}D^{*+})$	17480	17237	1	24174
17482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	17481	17238	1	24175
17483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^+\bar{\Delta}^0\Sigma_c^0)$	17482	17239	1	24176
17484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D_2^{*+}\bar{\Delta}^0\Sigma_c^{*0})$	2201	2195	1	24177
17485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0D^{*+}\bar{D}^{*-}a_1^-)$	17484	17241	1	24178
17486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0D^{*+}, \bar{B}^0 \to \pi^0K^+K^-D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^+K^-D^+D^{*+}D_s^-)$	17485	17242	1	24179
17487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}a_1^+)$	17486	17243	1	24180
17488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^*D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^*D^+\bar{D}^{*-}\bar{D}^{*-})$	17487	17244	1	24181
17489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^{*+}D_2^{*-}n\bar{\Delta}^0)$	17488	17245	1	24182
17490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta D^-D^{*+})$	17489	17246	1	24183
17491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+D^-D^{*0}D_s^-)$	17490	17247	1	24184
17492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D_s^+D_1^+)$	17491	17248	1	24185
17493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega D^-\bar{\Delta}^+\Sigma_c^{*+})$	17492	17249	1	24186

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \pi^-\omega K^0K^+K^-D^{*+}D^{*+}\bar{D}^{*-})$	17493	17250	1	24187
17495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0K^+D^-\bar{n}\Sigma_c^0)$	17494	17251	1	24188
17496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	17495	17252	1	24189
17497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0D^{*+}D^0\bar{D}^0D_s^{*-})$	17496	17253	1	24190
17498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	17497	17254	1	24191
17499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to e^+\nu_eX_u^-\pi^-D^+)$	2202	2196	1	24192
17500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_L\bar{D}^{*-}\psi')$	2203	2197	1	24193
17501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^*K^-\eta'D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+K^*K^-\eta'D^-D_2^{*+}D_s^-)$	17500	17257	1	24194
17502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta K^*\bar{K}^*\bar{D}^{*-}D^{*0})$	17501	17258	1	24195
17503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+\omega D^-D^{*+})$	17502	17259	1	24196
17504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\omega D_2^{*+}p\bar{\Lambda}_c^-)$	17503	17260	1	24197
17505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta K^0\phi D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^0\phi D^-D^{*+}D_s^-)$	17504	17261	1	24198
17506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-})$	17505	17262	1	24199
17507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\bar{n}\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^{++})$	17506	17263	1	24200
17508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta\omega K^0K^{*-}D^+\bar{D}^{*-})$	17507	17264	1	24201
17509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	17508	17265	1	24202
17510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\bar{D}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^+\bar{D}^{*-}\bar{D}^0\gamma)$	17509	17266	1	24203

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	17510	17267	1	24204
17512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^0 D^{*+}, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\omega K^0 D^+ D^{*+}\bar{D}^{*-})$	17511	17268	1	24205
17513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^- K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	17512	17269	1	24206
17514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^0 D^- D^{*+} D^{*0})$	17513	17270	1	24207
17515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	17514	17271	1	24208
17516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0 K^+ D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0 K^+ D^+ D^{*+})$	17515	17272	1	24209
17517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0\bar{D}^{*-}\Sigma^0\bar{\Xi}^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0 D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Xi}^+)$	17516	17273	1	24210
17518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_1'^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^- D^{*+} D_1'^+)$	17517	17274	1	24211
17519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0 D_s^+ n\bar{n}$ $(e^+e^- \to \pi^-\bar{K}^0 K^{*+}\bar{D}^{*-} D^{*0} D_s^+ n\bar{n})$	17518	17275	1	24212
17520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+\eta\eta\omega K^- D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^+\eta\eta\omega K^-\bar{D}^{*-} D^{*0})$	17519	17276	1	24213
17521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta D^- D^0 D_s^-)$	17520	17277	1	24214
17522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \pi^+ D^{*0} D_s^-$ $(e^+e^- \to \pi^+\rho^+ D_2^{*-} D^{*0} D_s^-)$	17521	17278	1	24215
17523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^* D^+\eta_c)$	17522	17279	1	24216
17524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-} D_0^{*+})$	17523	17280	1	24217
17525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+ K^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+ K^0 D^+\bar{D}^0)$	17524	17281	1	24218
17526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-})$	17525	17282	1	24219
17527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^0 D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^- K^0 D^+ D^- D^0)$	17526	17283	1	24220

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\eta\bar{D}^{*-}\bar{p}\Lambda_c^+)$	17527	17284	1	24221
17529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, B^0 \to \pi^0\pi^-\eta K^0\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega K^0\bar{K}^0K^*D^+D^-)$	17528	17285	1	24222
17530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^*K^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*K^-D^{*+}\bar{D}^0D_{s1}'^-)$	17529	17286	1	24223
17531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta D^-D^{*+}a_1^-)$	17530	17287	1	24224
17532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+)$	17531	17288	1	24225
17533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+\Delta^+\bar{\Sigma}_c^{*0})$	17532	17289	1	24226
17534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^-K^{*+}\bar{D}^{*-}D_2^{*+}D_s^{*-})$	17533	17290	1	24227
17535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-})$	2204	2198	1	24228
17536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta'\bar{D}^{*-}D_1^+)$	17535	17292	1	24229
17537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\eta D^+D^{*+})$	17536	17293	1	24230
17538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+D^-D^{*0})$	17537	17294	1	24231
17539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^-D^+\bar{D}^{*-})$	17538	17295	1	24232
17540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta'\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta'D^{*+}\bar{D}^0)$	2205	2199	1	24233
17541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+D^0\bar{D}^0)$	17540	17297	1	24234
17542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0K^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0K^0D^-D^{*0}\bar{D}^{*0})$	17541	17298	1	24235
17543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\omega\bar{K}^0K^*D^+D^{*+})$	17542	17299	1	24236
17544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^0D_{s1}'^+)$	17543	17300	1	24237

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\eta K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\eta K^+D^{*+}\bar{D}^{*0})$	17544	17301	1	24238
17546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^- D^{*+}\bar{D}^{*-}\bar{n}p)$	17545	17302	1	24239
17547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- K^0\bar{K}^0 D^+, \bar{B}^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0 D^+\bar{D}^{*-}D^0)$	17546	17303	1	24240
17548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0 D_s^+ D_s^-$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^{*0}D_s^+D_s^+D_s^-)$	17547	17304	1	24241
17549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0 D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{K}^0 D^{*+}D^{*+}\bar{D}^{*0})$	17548	17305	1	24242
17550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^*\phi D_s^{*+}$ $(e^+e^- \to \pi^-\rho^+\omega\bar{K}^*\phi\bar{D}^{*-}D_s^{*+})$	17549	17306	1	24243
17551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^- a_1^+, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}a_1^+)$	445	445	1	24244
17552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^- D^{*+})$	17551	17308	1	24245
17553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	17552	2180	1	24246
17554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+ D^- D_s^+)$	17553	17309	1	24247
17555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{\Delta}^+\Xi_c^{*0}D_1'^+)$	17554	17310	1	24248
17556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^{*0})$	17555	17311	1	24249
17557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0 D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^0)$	17556	17312	1	24250
17558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0 D_s^{*+})$	17557	17313	1	24251
17559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\eta' D^- D^{*+})$	2207	2201	1	24252
17560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 J/\psi, \bar{B}^0 \to \pi^0 K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0 K^0 K^0 K^- D^{*+} J/\psi)$	17559	17315	1	24253
17561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^- K^{*+} K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\bar{K}^* K^- K^{*+} K^{*+} D^+\bar{D}^{*-})$	17560	17316	1	24254

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{D}^0D_s^{*+}D_1^+)$	17561	17317	1	24255
17563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+n\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^+D^-n\bar{\Lambda})$	17562	17318	1	24256
17564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_eK^{*-}D^+\bar{D}^0D_0^{*-})$	17563	17319	1	24257
17565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-\rho^-D^+D^+)$	17564	17320	1	24258
17566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-D^+\bar{n}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-K^0K^-D^+\bar{D}^{*0}D_s^{*+}\bar{n}\Delta^+)$	2208	2202	1	24259
17567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+D_1'^-)$	17566	17322	1	24260
17568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*+}D_s^{*+}\Delta^0\bar{\Delta}^+)$	17567	17323	1	24261
17569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\bar{K}^*\eta_c$ $(e^+e^- \to \rho^0\bar{K}^*\bar{D}^{*-}\eta_ca_1^+)$	17568	17324	1	24262
17570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^+D^-)$	17569	17325	1	24263
17571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^-D_1'^+)$	17570	17326	1	24264
17572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^0\bar{\Sigma}_c^0)$	17571	17327	1	24265
17573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^-K^+D^{*0}p\bar{p})$	17572	17328	1	24266
17574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^+D^-, B^0 \to \pi^+\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^+\bar{K}^0K^*D^+D^-D^-)$	17573	17329	1	24267
17575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta K^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta K^0K^+K^-D_2^{*+}\bar{D}^{*0})$	17574	17330	1	24268
17576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^+D^+)$	17575	17331	1	24269
17577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^{*+}\eta_c)$	2209	2203	1	24270
17578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^+\Delta^+\bar{\Xi}_c^0)$	2210	2204	1	24271

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^*D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0K^0\bar{K}^*D^-D^{*0}D_s^+)$	17578	17334	1	24272
17580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}D_2^{*-}D_s^+)$	17579	17335	1	24273
17581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0K^0K^{*-}D^+n\bar{n}$ $(e^+e^- \to \pi^0K^0K^{*+}K^{*-}D^+\bar{D}^{*-}D^0n\bar{n})$	17580	17336	1	24274
17582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega D^+\bar{D}^{*-})$	17581	17337	1	24275
17583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^0K^*K^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^+\eta K^0K^*K^{*-}D^{*+}D_s^-)$	17582	17338	1	24276
17584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\omega\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\omega\bar{K}^0\bar{K}^0K^+D^-J/\psi)$	17583	17339	1	24277
17585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\phi D^{*+}D_s^-$ $(e^+e^- \to \pi^0K^*\phi D^-D^{*+}D^{*+}D_s^-)$	17584	17340	1	24278
17586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^-D^{*+})$	17585	17341	1	24279
17587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0D^+\Sigma^{*-}\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\eta D^+D^-\Sigma^{*-}\bar{\Sigma}^{*0})$	17586	17342	1	24280
17588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D_s^{*+}D_s^{*-}\bar{\Delta}^-n)$	17587	17343	1	24281
17589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^0\eta D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\eta D^{*0}D_1^-)$	17588	17344	1	24282
17590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*0}a_1^-)$	17589	17345	1	24283
17591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega K^0K^{*-}D^-D^{*+})$	2211	2205	1	24284
17592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\omega\bar{K}^0K^{*+}D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega\bar{K}^0K^{*+}D^-D^-)$	17591	17347	1	24285
17593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^{*+}n\bar{\Sigma}_c^0)$	17592	17348	1	24286
17594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^-K^{*+}K^{*+}D^+D^-D^0)$	17593	17349	1	24287
17595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+n\bar{\Sigma}_c^-$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}n\bar{\Sigma}_c^-)$	17594	17350	1	24288

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+K^-K^{*+}D^{*+}\bar{D}^{*-})$	17595	17351	1	24289
17597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0D^{*0}D_1'^-)$	2212	2206	1	24290
17598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0\gamma$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^{*-}\bar{D}^0\gamma)$	17597	17353	1	24291
17599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	17598	17354	1	24292
17600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	17599	17355	1	24293
17601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-p\bar{p}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\eta K^0\bar{K}^0D^+D^-p\bar{p})$	446	446	1	24294
17602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}D_2^{*-})$	17601	17357	1	24295
17603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D_1'^+)$	17602	17358	1	24296
17604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0})$	2214	2208	1	24297
17605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-D^+D^-)$	17604	17360	1	24298
17606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega D^+\bar{D}^0D_s^-)$	17605	17361	1	24299
17607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\rho^+K^0K^-D^0$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^+K^0K^-D^-D^0)$	17606	17362	1	24300
17608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-})$	17607	17363	1	24301
17609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^+\eta\eta\bar{D}^{*-}\bar{D}^{*-})$	17608	17364	1	24302
17610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \rho^-\rho^-D^+D^{*+}p\bar{p})$	17609	17365	1	24303
17611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Xi}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}p\bar{\Xi}_c^-)$	17610	17366	1	24304
17612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\rho^+K^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+K^{*-}D_2^{*-}D^{*0})$	17611	17367	1	24305

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^+D^-D^{*0})$	17612	17368	1	24306
17614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^+D^-\bar{D}^{*-}D^{*0}D^{*0})$	17613	17369	1	24307
17615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-)$	17614	17370	1	24308
17616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-})$	17615	17371	1	24309
17617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^+D^{*+}D_{s1}^-a_1^-)$	17616	17372	1	24310
17618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\eta D^-\bar{D}^{*-})$	17617	17373	1	24311
17619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \rho^0\rho^+\Delta^+\bar{\Sigma}_c^{--}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--})$	17618	17374	1	24312
17620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\omega D^-D^{*+}D_s^{*+})$	17619	17375	1	24313
17621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{D}^{*-}\bar{n}p, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	17620	17376	1	24314
17622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-a_1^+, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*0}a_1^+)$	17621	17377	1	24315
17623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^0D^{*+}D^0)$	17622	17378	1	24316
17624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+K^0D^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^-K^0D^{*+}D^0)$	17623	17379	1	24317
17625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-})$	2215	2209	1	24318
17626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to K^0K^0K^{*-}D^-D^{*+}D^{*+})$	17625	17381	1	24319
17627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^0D^-\bar{\Delta}^0\Sigma_c^0)$	17626	17382	1	24320
17628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c0}, \bar{B}^0 \to \pi^-\eta D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+\bar{\Delta}^-\Delta^-\chi_{c0})$	17627	17383	1	24321
17629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0K^-D^{*+}\bar{D}^{*0})$	17628	17384	1	24322

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*0}\Delta^0\bar{\Lambda}_c^-)$	17629	17385	1	24323
17631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*0}\bar{p}\Lambda_c^+)$	17630	17386	1	24324
17632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega\omega D^+\bar{D}^0)$	17631	17387	1	24325
17633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^-\bar{K}^*K^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^{*+})$	17632	17388	1	24326
17634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \rho^0\rho^+\bar{K}^*\Sigma^-\bar{\Sigma}^{*0}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^*D_2^{*+}D_s^-\Sigma^-\bar{\Sigma}^{*0})$	17633	17389	1	24327
17635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^-\bar{\Lambda}, \bar{B}^0 \to \rho^0\pi^-\rho^+K^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+K^+K^-D^+\Sigma^-\bar{\Lambda})$	17634	17390	1	24328
17636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	17635	17391	1	24329
17637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \omega\bar{\Lambda}\Xi_c^0$ $(e^+e^- \to \omega K^0D_s^-D_s^{*+}\bar{\Lambda}\Xi_c^0)$	2216	2210	1	24330
17638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^{*0}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}D^{*0}p\bar{p})$	17637	17393	1	24331
17639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-\gamma, \bar{B}^0 \to \pi^-\pi^-\omega D^+\bar{n}p$ $(e^+e^- \to \pi^-\pi^-\omega D^+D^{*+}D_s^-\bar{n}p\gamma)$	17638	17394	1	24332
17640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^+D^-)$	17639	17395	1	24333
17641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Sigma^{*0}\bar{\Omega}_c^0, \bar{B}^0 \to \rho^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \rho^+\rho^-\bar{K}^0D^+n\bar{p}\Sigma^{*0}\bar{\Omega}_c^0)$	17640	17396	1	24334
17642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{K}^0D^{*+}\bar{D}^0D_0^{*+})$	17641	17397	1	24335
17643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	17642	17398	1	24336
17644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-\bar{D}^{*-})$	17643	17399	1	24337
17645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^0)$	17644	17400	1	24338
17646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\rho^-\omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega K^*K^-D^-D^{*+})$	17645	17401	1	24339

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^+\rho^-\eta\eta' D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-\eta\eta' D^-D^-)$	17646	17402	1	24340
17648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0D^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0K^0D^+D^-D_2^{*+}D_s^-)$	2217	2211	1	24341
17649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}D_s^{*+})$	17648	17404	1	24342
17650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}D^0\bar{D}^{*0})$	17649	17405	1	24343
17651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-K^0D^-D^{*+})$	17650	17406	1	24344
17652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^{*-}D^+D^-\bar{D}^{*0})$	17651	17407	1	24345
17653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	17652	17408	1	24346
17654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\omega\omega D^{*+}D_1^+)$	17653	17409	1	24347
17655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+}p\bar{p})$	17654	17410	1	24348
17656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^0)$	17655	17411	1	24349
17657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^+D^-D^0D_s^{*-})$	2218	2212	1	24350
17658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_{s0}^{*-})$	17657	17413	1	24351
17659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	17658	1199	1	24352
17660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	17659	17414	1	24353
17661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^-\rho^+D^{*+}D_s^{*+}n\bar{p}D_1^-)$	17660	17415	1	24354
17662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0K^-D^{*+}p\bar{p}\bar{\Delta}^+\Sigma_c^{++})$	17661	17416	1	24355
17663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}_1^0\psi(3770), \bar{B}^0 \to \pi^+\pi^-\pi^-\eta' D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta' D^+\bar{K}_1^0\psi(3770))$	17662	17417	1	24356

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+K^-K^{*+}D_s^-, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}D^0D_s^-)$	17663	17418	1	24357
17665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D_s^-, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to K^*D^+D_s^-D_s^-D_1^+)$	17664	17419	1	24358
17666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\omega\bar{K}^0\bar{D}^{*-}D^{*0}\Delta^-\bar{\Delta}^0)$	17665	17420	1	24359
17667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\rho^-D^+D^-\bar{n}p)$	2219	2213	1	24360
17668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0K^+K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-K^0\bar{K}^0K^+K^-D^+D^+)$	17667	17422	1	24361
17669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \bar{D}^{*-}D_s^+D_s^{*-}D_1'^+)$	17668	17423	1	24362
17670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0\bar{K}^0K^*D_s^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega K^0\bar{K}^0K^*D^{*+}D_s^{*-})$	17669	17424	1	24363
17671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^+\eta'\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^+K^+K^-\eta'D^-\bar{D}^{*-})$	17670	17425	1	24364
17672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	447	447	1	24365
17673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0K^-K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega K^-K^{*+}D^-D^0)$	17672	17427	1	24366
17674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0K^{*-}D^+D^{*+}\bar{D}^{*0})$	17673	17428	1	24367
17675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_eK^-D^+D^{*+}\bar{D}^0)$	2221	2215	1	24368
17676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{\Delta}^+\Xi_c^{*0})$	17675	17430	1	24369
17677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^-K^-D^{*+}\bar{D}^{*0}\bar{n}\Sigma_c^{*+})$	17676	17431	1	24370
17678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^-\bar{D}^{*0}D_s^+$ $(e^+e^- \to \pi^-D_2^{*-}\bar{D}^{*0}D_s^+D_s^+)$	17677	17432	1	24371
17679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^{*+}\Sigma^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^-D^{*+}\bar{\Sigma}^{*+}\Sigma^{*0}a_1^-)$	17678	17433	1	24372
17680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^0\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^*\bar{K}^*K^{*+}D^-D^0)$	17679	17434	1	24373

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\eta' D^- D^{*+})$	17680	17435	1	24374
17682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega D^-\bar{D}^{*-})$	17681	17436	1	24375
17683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \omega\Delta^+\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \rho^+\eta\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-})$	17682	17437	1	24376
17684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\bar{K}^0D^+D^-\bar{D}^{*-})$	17683	17438	1	24377
17685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\omega\bar{K}^0\bar{D}^{*-})$	2222	2216	1	24378
17686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	17685	17440	1	24379
17687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^-D^{*+})$	17686	17441	1	24380
17688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to K^-D_s^{*+}\bar{\Lambda}\Sigma_c^+D_1^-)$	17687	17442	1	24381
17689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\eta\bar{D}^{*-}D_0^{*+})$	17688	17443	1	24382
17690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+})$	17689	17444	1	24383
17691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	17690	17445	1	24384
17692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	17691	14718	1	24385
17693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^+K^-D^+\bar{D}^{*-})$	17692	17446	1	24386
17694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+K^-p\bar{p}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+K^-D^+p\bar{p}D_{s1}'^-)$	17693	17447	1	24387
17695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega D^-D^{*0}D_s^{*-})$	17694	17448	1	24388
17696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^{*+}D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	17695	17449	1	24389
17697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^+\rho^-K^0\bar{K}^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0\bar{K}^0\bar{K}^0K^*K^{*-}D^-D^{*+})$	2223	2217	1	24390

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^-J/\psi, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to K^+K^-D^+J/\psi\Delta^0\bar{\Delta}^+)$	17697	17451	1	24391
17699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^-D^{*0}D_1^+)$	2224	2218	1	24392
17700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+, \bar{B}^0 \to \pi^0\rho^+\eta\omega K^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^-\bar{p}\Lambda_c^+)$	17699	17453	1	24393
17701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+D^-)$	17700	17454	1	24394
17702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^{*--})$	17701	17455	1	24395
17703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0D^-\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	17702	17456	1	24396
17704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}D_2^{*-})$	17703	17457	1	24397
17705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+)$	17704	17458	1	24398
17706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^+\rho^-n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-D^-n\bar{p})$	17705	17459	1	24399
17707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \bar{K}^0K^+D^-$ $(e^+e^- \to \bar{K}^0K^+D^-D^-D_s^{*+})$	17706	17460	1	24400
17708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega D^{*+}D^{*+}p\bar{p})$	17707	17461	1	24401
17709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^0D_s^-D_0^{*+})$	17708	17462	1	24402
17710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \eta K^0K^-D^+\bar{D}^0D^{*0}\bar{D}^{*0})$	17709	17463	1	24403
17711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^*K^-D^{*+}\bar{D}^{*-})$	17710	17464	1	24404
17712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^-D^{*+})$	2225	2219	1	24405
17713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\psi(3770)$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^-\bar{D}^{*-}\psi(3770))$	17712	17466	1	24406
17714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\omega D^{*+}D^{*+}n\bar{p})$	17713	17467	1	24407

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0D_{s1}^+)$	2226	2220	1	24408
17716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+K^*K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+K^*K^{*-}D^-D^{*0}D_s^{*+})$	17715	17469	1	24409
17717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-D^{*+}D_2^{*-})$	17716	17470	1	24410
17718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to K^0\bar{K}^0D^-D^{*+}D^{*0}\bar{D}^{*0})$	17717	17471	1	24411
17719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-D^+D_0^{*-})$	17718	17472	1	24412
17720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^+K^-D^0\bar{D}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^-D^{*+}D^0\bar{D}^0)$	17719	17473	1	24413
17721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1'^-, B^0 \to \omega K^0D^0\bar{D}^0$ $(e^+e^- \to \omega K^0D^0\bar{D}^0D_s^{*+}D_1'^-)$	17720	17474	1	24414
17722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+D^-\bar{\Sigma}^+\Sigma^-)$	17721	17475	1	24415
17723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+K^0K^-D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+K^0K^-D^-\bar{D}^{*-})$	17722	17476	1	24416
17724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\omega K^0K^0\bar{K}^0K^+K^-K^-D^+\bar{D}^{*-})$	17723	17477	1	24417
17725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega D^+\bar{D}^{*-}D_s^-\gamma)$	17724	17478	1	24418
17726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^+D^+)$	17725	17479	1	24419
17727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega K^+K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega K^+K^{*-}\bar{D}^0\bar{D}^{*0})$	17726	17480	1	24420
17728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^*D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^*D^{*+}D^{*+})$	17727	17481	1	24421
17729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-\eta K^0D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta\omega K^0D^-D^{*+})$	17728	17482	1	24422
17730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-D^+D^-a_1^+)$	17729	17483	1	24423
17731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0D^{*+}\eta_c)$	17730	17484	1	24424

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\eta D^-D^0D_s^{*-})$	448	448	1	24425
17733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0 n\bar{n}, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\omega K^0\bar{K}^0D^0\bar{D}^{*0}n\bar{n})$	17732	17486	1	24426
17734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega\bar{D}^{*-}D_1'^+)$	17733	17487	1	24427
17735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, B^0 \to \pi^+\pi^+\pi^-\bar{K}^0K^*D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^-D^-)$	17734	17488	1	24428
17736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega D^+\bar{D}^{*-}\bar{n}p)$	17735	17489	1	24429
17737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0})$	17736	17490	1	24430
17738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to D^-D^{*+}D_s^+n\bar{p})$	17737	17491	1	24431
17739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^-)$	17738	17492	1	24432
17740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+D_s^{*+}D_s^{*-}D_1^-)$	17739	17493	1	24433
17741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	17740	17494	1	24434
17742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^+D^0)$	17741	17495	1	24435
17743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+D^-D^0D_s^-)$	17742	17496	1	24436
17744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \pi^0\bar{K}^0K^+D^-D^{*+}D_{s1}^-)$	17743	17497	1	24437
17745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0\eta\bar{K}^0\phi$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^0\phi D_0^{*+})$	17744	17498	1	24438
17746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}D^0)$	17745	17499	1	24439
17747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0)$	17746	17500	1	24440
17748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^{*+}\bar{\Delta}^+\Sigma^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}\bar{\Delta}^+\Sigma^{*0})$	17747	17501	1	24441

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \omega K^0 D^- D^{*+}$ $(e^+e^- \to \omega K^0 D^- D^{*+} \bar{D}^{*-} D_{s1}'^+)$	17748	17502	1	24442
17750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^- D_s^+, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- \bar{K}^0 K^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- \bar{K}^0 K^{*+} D^- \bar{D}^{*-} D_s^+)$	17749	17503	1	24443
17751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^- a_1^+, B^0 \to \pi^+\pi^-\rho^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+ D^- \bar{D}^{*-} a_1^+)$	17750	17504	1	24444
17752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+ D^+ \bar{D}^{*-} n\bar{n})$	17751	17505	1	24445
17753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^+ D^-, \bar{B}^0 \to K_2^{*0}\phi$ $(e^+e^- \to \pi^0\pi^0 K_2^{*0} K^+ \phi D^-)$	17752	17506	1	24446
17754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^- D^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^- K^0 K^- D^+ D^-)$	17753	17507	1	24447
17755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^- \bar{D}^0, \bar{B}^0 \to \rho^0\rho^- K^0 \bar{K}^0 D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^- K^0 \bar{K}^0 D^{*+} \bar{D}^0)$	17754	17508	1	24448
17756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega\eta' \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega\omega\eta' D^{*+} \bar{D}^{*-})$	2228	2222	1	24449
17757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+ K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+ K^0 K^{*-} D^+ D^- D_s^{*+})$	17756	17510	1	24450
17758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^- K^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^- K^+ D^+)$	17757	17511	1	24451
17759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ \eta_c, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to \rho^- K^0 K^+ K^- D^{*+} \eta_c)$	17758	17512	1	24452
17760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0 \bar{\Delta}^+ \Sigma_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 D^- \bar{\Delta}^+ \Sigma_c^{*+})$	17759	17513	1	24453
17761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0 \bar{K}^0 \bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- K^0 \bar{K}^0 \bar{K}^* \bar{D}^{*-})$	17760	17514	1	24454
17762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{D}^{*-} \bar{n}p D_0^{*+})$	17761	17515	1	24455
17763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \rho^+ \bar{D}^{*-} D^{*0} D_s^{*-} \bar{\Sigma}^0 \Sigma^+)$	17762	17516	1	24456
17764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \omega D^{*+} \bar{D}^0 a_1^-)$	17763	17517	1	24457
17765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\omega\omega\omega D^+$ $(e^+e^- \to \pi^-\omega\omega\omega K^0 D^+ \Lambda_c^+ \bar{\Lambda}_c^-)$	17764	17518	1	24458

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega D^- D^0 D_s^{*+})$	17765	17519	1	24459
17767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^+, \bar{B}^0 \to \pi^0\pi^-\eta\eta K^+K^- D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^+K^- D^+ D^+)$	17766	17520	1	24460
17768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^-\eta D^+ D^{*+})$	17767	17521	1	24461
17769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+ D_2^{*-}, B^0 \to \pi^-\rho^+\omega\omega K^0$ $(e^+e^- \to \pi^-\rho^+\rho^+\omega\omega K^0 D_2^{*-})$	17768	17522	1	24462
17770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0 K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^- K^* K^{*-} D^{*+}\bar{D}^{*-})$	17769	17523	1	24463
17771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0 D^{*+}\bar{D}^0 D_s^{*-})$	17770	17524	1	24464
17772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^- K^0 K^*\bar{K}^* D^+ D^+\bar{D}^{*-})$	2229	2223	1	24465
17773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+ D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\eta\bar{D}^{*-} D_s^{*-})$	17772	17526	1	24466
17774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0\bar{K}^* D^{*+}\bar{D}^{*-} D_{s1}'^-)$	17773	17527	1	24467
17775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^- D^+\bar{D}^0)$	17774	17528	1	24468
17776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0 D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-\bar{K}^0 D^{*+}\bar{D}^0 D_1'^+)$	17775	17529	1	24469
17777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^{*-})$	17776	17530	1	24470
17778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^0\bar{K}^0 K^+ D^-, B^0 \to \pi^0\pi^-\pi^-\bar{K}^* K^+ K^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0\bar{K}^* K^+ K^+ K^+ D^-\bar{D}^0)$	17777	17531	1	24471
17779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to K^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to K^+ D^+ D_s^-\bar{\Delta}^+\Xi_c^{*0})$	17778	17532	1	24472
17780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\bar{K}^0 K^*\eta' D^{*+}\bar{D}^{*-})$	2230	2224	1	24473
17781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^-, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to D_2^{*+} D_s^+ D_s^- D_1'^-)$	17780	17534	1	24474
17782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \rho^0\rho^+\rho^-\omega K^0\bar{K}^*$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta\omega K^0\bar{K}^* D^{*+})$	17781	17535	1	24475

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^+\omega D^+D^-D_s^-)$	17782	17536	1	24476
17784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \rho^0\rho^0K^+D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	17783	17537	1	24477
17785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^*\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^*D_2^{*+}\bar{D}^{*0}D_s^{*-})$	17784	17538	1	24478
17786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \rho^+\eta\bar{K}^*K^-D^+\bar{D}^{*-}\gamma)$	17785	17539	1	24479
17787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-})$	17786	17540	1	24480
17788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \bar{D}^{*-}D^0D_s^{*+}n\bar{\Delta}^0)$	17787	17541	1	24481
17789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}D_1^-)$	17788	17542	1	24482
17790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^+D^-)$	2231	2225	1	24483
17791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\rho^-D^+D_1^-)$	17790	17544	1	24484
17792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \omega D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \omega D^{*+}\bar{D}^{*-}D_s^{*+}\Sigma^-\bar{\Sigma}^0)$	17791	17545	1	24485
17793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-K^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-\bar{D}^{*-}D^{*0}D_{s1}'^+)$	17792	17546	1	24486
17794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D_s^+D_1'^-)$	17793	17547	1	24487
17795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to D^+D_2^{*-}D_s^{*+}D_s^{*-}\gamma)$	17794	17548	1	24488
17796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^*D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^0K^*D^{*+}D_s^{*-})$	17795	17549	1	24489
17797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^*D^+\psi')$	17796	17550	1	24490
17798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-D^+\Delta^+\bar{\Delta}^+D_1^-)$	17797	17551	1	24491
17799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \rho^0\pi^+K^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^-D^+D^{*0})$	17798	17552	1	24492

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}\bar{n}\Delta^+)$	17799	17553	1	24493
17801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}D^{*+})$	17800	17554	1	24494
17802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	17801	17555	1	24495
17803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^{*+}D^+D_s^{*-})$	17802	17556	1	24496
17804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+D^-D^-)$	17803	17557	1	24497
17805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^+K^-D^+D^-\bar{D}^{*0})$	17804	17558	1	24498
17806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to K^0K^{*-}D^+n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^{*-}D^+D^-n\bar{n})$	17805	17559	1	24499
17807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \eta\omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega\omega K^*K^+K^-D^{*+}\bar{D}^{*0})$	17806	17560	1	24500
17808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0K^0K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+K^0K^0K^{*-}D_1^-)$	17807	17561	1	24501
17809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0K^0\bar{K}^0K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0K^-D^{*0}D_s^+)$	17808	17562	1	24502
17810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^+\omega\omega\omega K^*D^-D^{*+}\bar{D}^{*-})$	17809	17563	1	24503
17811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\eta' D^{*+}\bar{D}^{*-})$	17810	17564	1	24504
17812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta K^0K^-D^+D^-)$	17811	17565	1	24505
17813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \tau^+\nu_\tau D_1'^-\bar{X}_{sd}\gamma)$	17812	17566	1	24506
17814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^-D^{*+}D_1^+)$	17813	17567	1	24507
17815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^0D_s^+D_s^-D_1^-)$	17814	17568	1	24508
17816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}D_2^{*+})$	17815	17569	1	24509

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}a_1^+)$	17816	17570	1	24510
17818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^*K^+K^-D^+\bar{D}^{*-})$	17817	17571	1	24511
17819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	17818	17572	1	24512
17820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, B^0 \to \pi^-K^+D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{D}^{*0})$	17819	17573	1	24513
17821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\bar{K}^0K^+\eta'D^+\bar{D}^{*-})$	17820	17574	1	24514
17822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^-D^-D^{*+}\bar{D}^{*0})$	17821	17575	1	24515
17823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\eta'D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-K^0\bar{K}^0\eta'D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+)$	17822	17576	1	24516
17824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^0n\bar{\Sigma}_c^-)$	17823	17577	1	24517
17825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^+\pi^-\rho^+D^-\bar{n}\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+D^-\bar{n}\Delta^0D_0^{*-})$	17824	17578	1	24518
17826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*\chi_{c0}, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\chi_{c0})$	2232	2226	1	24519
17827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	17826	17580	1	24520
17828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta D^-, B^0 \to \pi^0\pi^+D^-\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta D^-D^-\bar{p}\Delta^+)$	17827	17581	1	24521
17829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-\omega D^-D^{*+})$	17828	17582	1	24522
17830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^-K^+D^{*+}\chi_{c1})$	17829	17583	1	24523
17831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}\bar{D}^0D_s^+)$	17830	17584	1	24524
17832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+K^0\bar{K}^*D^-, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega K^0\bar{K}^*D^-D^-)$	449	449	1	24525
17833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \eta D^{*+}D_s^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^{*+}D^{*+}D_s^{*-})$	17832	17586	1	24526

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0K^+D^-D^{*+})$	17833	17587	1	24527
17835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^0)$	17834	17588	1	24528
17836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\rho^-\eta\eta\omega D^+\bar{D}^0)$	17835	17589	1	24529
17837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^0K^-D^-D^{*+})$	17836	17590	1	24530
17838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}D_s^{*-}X_{sd}\gamma)$	17837	17591	1	24531
17839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\omega D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega\omega\bar{D}^{*-}D^{*0})$	17838	17592	1	24532
17840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^{*+})$	17839	17593	1	24533
17841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-D_s^+, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^0\bar{K}^0K^{*-}D^+D^-D_s^+)$	17840	17594	1	24534
17842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}^+, B^0 \to \pi^+\pi^-\rho^+\eta\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\eta'\bar{D}^{*-}\bar{D}^{*-}D_{s1}^+)$	17841	17595	1	24535
17843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^+\bar{D}^{*-})$	17842	13360	1	24536
17844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^0\bar{D}^0, \bar{B}^0 \to \rho^+K^0\bar{K}^0K^{*-}$ $(e^+e^- \to \pi^0\rho^+K^0\bar{K}^0K^{*-}D^0\bar{D}^0)$	17843	17596	1	24537
17845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0K^0D^{*0}D^{*0}\bar{D}^{*0}p\bar{\Delta}^+)$	2234	2228	1	24538
17846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta D^+D^-a_1^-)$	17845	17598	1	24539
17847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^+K^-D^+\bar{D}^{*-})$	17846	17599	1	24540
17848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to K^*\bar{n}\Omega_c^0$ $(e^+e^- \to K^0K^*D^+D^-\bar{n}\Omega_c^0)$	17847	17600	1	24541
17849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+K^-D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^+D^-D^-)$	17848	17601	1	24542
17850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	17849	17602	1	24543

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^- D^+ D^- D_{s0}^{*+})$	2235	2229	1	24544
17852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0 K^* \bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0 K^* D^{*+}\bar{D}^0)$	17851	17604	1	24545
17853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^+ K^- D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^+ K^- D^+ D^{*0})$	17852	17605	1	24546
17854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\psi')$	17853	17606	1	24547
17855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_2^{*-} D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+\rho^- K^0 K^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^- K^0 K^+ D_2^{*-} D_s^{*+} D_s^{*-})$	17854	17607	1	24548
17856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^-\omega\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^-\omega\bar{K}^0 D^{*+}\bar{D}^{*-} a_1^+)$	17855	17608	1	24549
17857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^- \gamma, \bar{B}^0 \to \pi^0\rho^- K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\rho^- K^0\bar{K}^* D^{*+} D^{*+} D_{s1}'^- \gamma)$	17856	17609	1	24550
17858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ K^- D^- \bar{\Delta}^- n, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to K^+ K^- D^- D^{*+} D_s^{*-} \bar{\Delta}^- n)$	17857	17610	1	24551
17859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0 K^0 K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0 K^0 K^- D^{*+}\bar{D}^{*-})$	17858	17611	1	24552
17860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^0 D^{*+}\bar{D}^{*-} D^{*0})$	17859	17612	1	24553
17861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta K^*, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta K^*\bar{K}^*)$	17860	17613	1	24554
17862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\omega D^{*+}\bar{D}^{*-} a_1^+)$	17861	17614	1	24555
17863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- D^- D^{*+} D_s^{*+} D_s^{*-})$	17862	17615	1	24556
17864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^+\omega D^{*+}\bar{D}^{*-} D_{s1}'^-)$	17863	17616	1	24557
17865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0 K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^0 K^* K^{*-} D^- D^{*+} a_1^+)$	17864	17617	1	24558
17866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^0\bar{K}^* D^+ D^-)$	17865	17618	1	24559
17867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^- D^+\bar{D}^{*-} a_1^+)$	17866	17619	1	24560

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{K}^0K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	17867	17620	1	24561
17869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\pi^+\omega K^{*+}K^{*-}\bar{D}^{*-})$	17868	17621	1	24562
17870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0})$	17869	17622	1	24563
17871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+\gamma, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}\bar{\Sigma}^0\Sigma^+\gamma)$	17870	17623	1	24564
17872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Xi}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^+p\bar{\Xi}_c^-)$	17871	17624	1	24565
17873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\pi^+K^-p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^-D^+p\bar{p})$	17872	17625	1	24566
17874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^-D^+D^-)$	17873	17626	1	24567
17875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\omega D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+K^0K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0K^-D^0D^0)$	17874	17627	1	24568
17876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\bar{D}^0\bar{D}^{*0}D_s^+)$	17875	17628	1	24569
17877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega D^-D^{*+})$	17876	17629	1	24570
17878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\omega D^-\bar{D}^{*-})$	17877	17630	1	24571
17879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}a_1^-\gamma)$	17878	17631	1	24572
17880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\omega\eta'D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\eta'D^-D^0\bar{n}\Delta^0)$	17879	17632	1	24573
17881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^0D^+D^{*+}\bar{D}^{*0})$	17880	17633	1	24574
17882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^+$ $(e^+e^- \to \pi^0\bar{K}^0K^-D^{*0}\bar{D}^{*0}\bar{D}^{*0}D_s^+)$	2236	2230	1	24575
17883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^0, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^0)$	17882	17635	1	24576
17884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	17883	17636	1	24577

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	17884	13292	1	24578
17886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta\eta K^+D^+\bar{D}^{*0})$	17885	17637	1	24579
17887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \bar{K}^0D^{*+}D_s^+D_s^-D_s^-)$	17886	17638	1	24580
17888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	17887	17639	1	24581
17889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^0D^+D^-$ $(e^+e^- \to e^+\nu_eK^0D^+D^-\bar{D}^{*-})$	17888	3333	1	24582
17890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\eta\bar{D}^{*-}D^{*0})$	17889	17640	1	24583
17891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^-D^{*+}D_s^{*-}\gamma)$	17890	17641	1	24584
17892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-K^0\bar{K}^0\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^0\bar{K}^0\eta' D^+D_1^-)$	17891	17642	1	24585
17893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^-D_2^{*+})$	17892	17643	1	24586
17894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	17893	17644	1	24587
17895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^+D^{*+}\bar{D}^{*-}D_s^-)$	17894	17645	1	24588
17896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega D^+D^-\bar{D}^{*-})$	17895	17646	1	24589
17897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\gamma)$	17896	17647	1	24590
17898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-D^+D_1'^-)$	17897	17648	1	24591
17899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	17898	17649	1	24592
17900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^-\eta K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta K^+K^{*-}D^{*+}D_1'^-)$	17899	17650	1	24593
17901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to e^+\nu_eD^+D_s^{*-}D_0^{*-}\gamma)$	17900	17651	1	24594

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\omega K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^0D^+\bar{p}\Lambda$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^0K^{*+}D^+\bar{D}^0\bar{p}\Lambda)$	17901	17652	1	24595
17903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	17902	17653	1	24596
17904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to J/\psi\bar{K}^0_1$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}J/\psi n\bar{p}\bar{K}^0_1)$	17903	17654	1	24597
17905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^0D_s^{*+})$	17904	17655	1	24598
17906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \rho^0\pi^-D^+\bar{D}^0)$	17905	17656	1	24599
17907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^-\bar{K}^*K^-D^+\bar{D}^0D_s^+)$	17906	17657	1	24600
17908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega n\bar{n}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\eta'\bar{D}^{*-}n\bar{n})$	17907	17658	1	24601
17909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\bar{K}^0K^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\bar{K}^0K^*D^+D^-)$	17908	17659	1	24602
17910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{p}, \bar{B}^0 \to \pi^-\omega\omega\bar{K}^*D^+$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^*D^+\bar{D}^0p\bar{p})$	17909	17660	1	24603
17911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-})$	17910	17661	1	24604
17912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-D^+D_1^-)$	17911	17662	1	24605
17913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\pi^-D^+\bar{n}p$ $(e^+e^- \to \pi^-\pi^-\bar{K}^*D^+\bar{D}^0D^{*0}\bar{n}p)$	17912	17663	1	24606
17914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}D^-D_1^+)$	17913	17664	1	24607
17915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, B^0 \to \pi^0\pi^0K^*D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^*D^+D^-\bar{D}^0D_s^+)$	17914	17665	1	24608
17916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^-D^{*+})$	17915	15087	1	24609
17917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	2237	2231	1	24610
17918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta K^0K^-D^+\bar{D}^{*-})$	17917	17667	1	24611

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0D_s^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0\bar{D}^{*-}D_s^+)$	17918	17668	1	24612
17920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0D^-D^{*+}D_s^{*-}\bar{\Delta}^-\Delta^0)$	17919	17669	1	24613
17921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0K^0\bar{K}^0\bar{K}^0\bar{D}^{*-})$	17920	17670	1	24614
17922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c, B^0 \to \pi^0\pi^-D^-\bar{\Sigma}^{*+}\Sigma^+$ $(e^+e^- \to \pi^0\pi^-\pi^-K^+D^-\eta_c\bar{\Sigma}^{*+}\Sigma^+)$	17921	17671	1	24615
17923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-})$	17922	17672	1	24616
17924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Sigma^{*0}\bar{\Xi}_c'^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^{*+}D_s^{*-}\Sigma^{*0}\bar{\Xi}_c'^-)$	17923	17673	1	24617
17925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^0\bar{K}^0D^-D^{*+})$	17924	17674	1	24618
17926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^+K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega\omega K^{*-}D^-D^{*0})$	17925	17675	1	24619
17927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^-D_0^{*+})$	17926	17676	1	24620
17928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta K^*J/\psi, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+K^*K^-K^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^*K^*K^-K^{*+}J/\psi)$	17927	17677	1	24621
17929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta K^+K^-D^+D^{*+})$	17928	17678	1	24622
17930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0\eta'D^-, \bar{B}^0 \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega K^0\bar{K}^0K^-\eta'D^-D^{*+}\bar{D}^{*-})$	17929	17679	1	24623
17931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau\pi^+\eta D^+)$	17930	17680	1	24624
17932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^+K^{*-}D^+\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^{*-})$	17931	17681	1	24625
17933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\eta_c)$	17932	17682	1	24626
17934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+\pi^-K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-K^{*-}D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*-})$	17933	17683	1	24627
17935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*D^+D^0\bar{D}^{*0})$	17934	17684	1	24628

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_2^{*-}D_s^+\gamma)$	17935	17685	1	24629
17937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\phi D^-\bar{D}^{*0}D_s^+)$	17936	17686	1	24630
17938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta D^-, B^0 \to \pi^-\omega K^*\bar{K}^*K^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^*\bar{K}^*K^+D^-\bar{D}^{*0})$	17937	17687	1	24631
17939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*K^-D^{*+}\bar{D}^{*0})$	17938	17688	1	24632
17940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	17939	17689	1	24633
17941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}D_2^{*-}\Delta^0\bar{\Delta}^+)$	17940	17690	1	24634
17942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\eta D^+\bar{D}^{*-})$	17941	17691	1	24635
17943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_1^+D_{s1}'^+)$	450	450	1	24636
17944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta'D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta'D^+D^-)$	17943	17693	1	24637
17945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \rho^0D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+D^+D^-n\bar{n}\Delta^0\bar{\Delta}^+)$	17944	17694	1	24638
17946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^{*0}\bar{D}^{*0}D_1^+)$	2239	2233	1	24639
17947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta'D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta'D^+D^-D_s^{*-})$	17946	17696	1	24640
17948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\omega$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\omega D^-)$	17947	17697	1	24641
17949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^+D_1'^-)$	17948	17698	1	24642
17950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to J/\psi\bar{K}_1^0, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0D^+D^-J/\psi\bar{K}_1^0)$	17949	17699	1	24643
17951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^*D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+K^*D^-D^{*+})$	17950	17700	1	24644
17952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-D^+D^-n\bar{n})$	2240	2234	1	24645

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^* D^+ D^{*+}\bar{D}^{*-})$	17952	17702	1	24646
17954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}\gamma, \bar{B}^0 \to \rho^- D^{*+} p\bar{p}$ $(e^+e^- \to \rho^- K^0 D^- D^{*+} D^{*+} p\bar{p}\gamma)$	17953	17703	1	24647
17955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\eta K^* K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\eta K^* K^- D^+ D^-)$	17954	17704	1	24648
17956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	17955	17705	1	24649
17957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^+\rho^- K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^- D^+\bar{D}^0\bar{D}^{*0})$	17956	17706	1	24650
17958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s0}^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-} D_{s0}^{*+})$	17957	17707	1	24651
17959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	17958	17708	1	24652
17960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^- K^{*+} D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+ K^- K^{*+} D^-)$	17959	17709	1	24653
17961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \rho^0 D^+ n\bar{p}$ $(e^+e^- \to \rho^0 K^{*+} D^+ D^- D^{*0} n\bar{p})$	17960	17710	1	24654
17962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^* D^{*+}\bar{D}^0)$	17961	17711	1	24655
17963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta K^0\bar{D}^0, \bar{B}^0 \to \pi^+ D^0\bar{p}\Sigma^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^0 D^0\bar{D}^0\bar{p}\Sigma^0)$	17962	17712	1	24656
17964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+ D^-, B^0 \to \rho^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta D^-\bar{D}^{*-})$	17963	6782	1	24657
17965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \rho^0 K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0 K^- D^+\bar{D}^{*-}\bar{D}^{*0} D_s^+)$	17964	17713	1	24658
17966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0 K^+ D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0 K^+ D^+ D^-)$	17965	17714	1	24659
17967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0 K^{*+} D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	17966	17715	1	24660
17968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{n}\Sigma_c^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0 K^* D^+$ $(e^+e^- \to \pi^-\bar{K}^0 K^* K^- D^+\bar{n}\Sigma_c^{*+})$	17967	17716	1	24661
17969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*0})$	17968	17717	1	24662

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}n\bar{\Delta}^+)$	17969	17718	1	24663
17971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*D_s^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^*D^{*+}D_s^+D_s^{*-})$	17970	17719	1	24664
17972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+D_s^{*-}D_1^-)$	17971	17720	1	24665
17973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^0D_s^+)$	17972	17721	1	24666
17974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+D_1'^-)$	17973	17722	1	24667
17975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to K^+\bar{p}\Omega_c^0$ $(e^+e^- \to e^+\nu_eK^+\bar{p}\Omega_c^0D_0^{*-})$	17974	17723	1	24668
17976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p}D_{s1}'^+)$	17975	17724	1	24669
17977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^0\bar{D}^0, \bar{B}^0 \to \omega D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^0D^{*+}\bar{D}^0\Delta^+\bar{\Delta}^{++})$	17976	17725	1	24670
17978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^+D^-)$	17977	17726	1	24671
17979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to e^+\nu_eK_S\bar{D}^{*-}\eta_c)$	17978	17727	1	24672
17980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^{++}\bar{\Sigma}_c^{*--}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega K^+K^-\Delta^{++}\bar{\Sigma}_c^{*--}\gamma)$	17979	17728	1	24673
17981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^+K^0K^+K^-K^{*-}D^+\bar{D}^{*-})$	17980	17729	1	24674
17982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Xi_c^+$ $(e^+e^- \to \pi^0\eta\bar{K}^*K^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c^+)$	17981	17730	1	24675
17983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta D^-D^-)$	17982	17731	1	24676
17984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^-, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^+D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^-)$	17983	17732	1	24677
17985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Xi_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta\bar{D}^{*0}\bar{\Delta}^0\Xi_c^0)$	17984	17733	1	24678
17986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{D}^{*0}, B^0 \to \pi^0\omega\omega\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^0\eta\omega\omega\bar{K}^0K^{*+}D^-\bar{D}^{*0})$	17985	17734	1	24679

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
17987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+})$	17986	17735	1	24680
17988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^+D^-)$	17987	17736	1	24681
17989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^+K^-D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	17988	17737	1	24682
17990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}p\bar{p})$	2241	2235	1	24683
17991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}\bar{\Delta}^-\Delta^0)$	17990	17739	1	24684
17992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^{*-}D^+\bar{D}^{*0}n\bar{\Sigma}_c^{*0})$	17991	17740	1	24685
17993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^+D^-D^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^+D^-D^{*+}D^{*0})$	17992	17741	1	24686
17994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^*K^{*+}D^-\gamma, \bar{B}^0 \to \pi^0\rho^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\bar{K}^*K^{*+}D^+D^-\Delta^+\bar{\Delta}^+\gamma)$	17993	17742	1	24687
17995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^-\omega K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^-\omega K^{*+}K^{*-}D^+J/\psi K_1^0)$	17994	17743	1	24688
17996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D^0)$	17995	17744	1	24689
17997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^*K^-D^-D^{*+})$	17996	17745	1	24690
17998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+D^-)$	17997	17746	1	24691
17999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}D^0D^{*0})$	17998	17747	1	24692
18000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \rho^0\pi^+\bar{K}^*\bar{D}^{*-}J/\psi)$	17999	17748	1	24693
18001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega D^+\bar{D}^{*-}a_1^+)$	18000	17749	1	24694
18002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta K^{*-}D^-J/\psi)$	18001	17750	1	24695
18003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*-}D^0)$	18002	17751	1	24696

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\eta\bar{\Delta}^{++}\Lambda_c^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^{++}\Lambda_c^+)$	18003	17752	1	24697
18005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0p\bar{\Delta}^+)$	18004	17753	1	24698
18006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^{*+}D^{*+}\bar{D}^0D_{s1}'^-)$	18005	17754	1	24699
18007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^-\bar{D}^{*0})$	18006	17755	1	24700
18008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\bar{K}^*K^{*+}D^-\bar{p}\Lambda_c^+)$	18007	17756	1	24701
18009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta'D^+D^-D_{s0}^{*-})$	18008	17757	1	24702
18010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, B^0 \to \pi^-K^+D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0K^+\bar{D}^{*-}D^0\bar{D}^{*0})$	18009	17758	1	24703
18011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*D_s^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^0\rho^+K^*D_s^-J/\psi\bar{K}_1^0)$	18010	17759	1	24704
18012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^{*-}D^+\bar{D}^0\bar{D}^{*0})$	18011	17760	1	24705
18013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^-\eta D^-)$	18012	17761	1	24706
18014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^-)$	18013	17762	1	24707
18015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+D^{*+}D_{s1}'^-)$	18014	17763	1	24708
18016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-D^-D^0\bar{D}^0)$	451	451	1	24709
18017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to \pi^0\rho^+\rho^-\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D^{*0}\bar{n}\Delta^+)$	18016	17765	1	24710
18018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^-K^+K^-D^-D^{*+})$	18017	17766	1	24711
18019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\bar{K}^0\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	18018	17767	1	24712
18020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-p\bar{p}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-\omega\omega D^-D^{*+}p\bar{p})$	18019	17768	1	24713

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}\Sigma^-\bar{\Lambda})$	18020	17769	1	24714
18022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \eta\bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega\bar{K}^0 D^- D^{*0}\bar{D}^{*0})$	18021	17770	1	24715
18023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\bar{D}^{*-}D^0)$	18022	17771	1	24716
18024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	18023	17772	1	24717
18025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \rho^-\omega\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\eta' D^+ D^-)$	18024	17773	1	24718
18026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{K}^0 K^+ D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\bar{K}^0 K^+ K^- D^- D^{*+}\bar{D}^{*0})$	18025	17774	1	24719
18027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^+\bar{D}^{*-})$	18026	17775	1	24720
18028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^+\pi^- D^+ p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^- D^+ D^- p\bar{\Delta}^{++} a_1^+)$	18027	17776	1	24721
18029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+ K^{*-}\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\omega K^+ K^{*-} D^{*+}\bar{D}^{*-} D_s^{*-})$	18028	17777	1	24722
18030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-} D^{*0})$	18029	17778	1	24723
18031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^+ K^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+ K^+ K^{*-}\bar{D}^{*-} D^{*0})$	18030	17779	1	24724
18032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \rho^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- D^- D^{*+} D_s^+ n\bar{n})$	18031	17780	1	24725
18033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	18032	7657	1	24726
18034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* a_1^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- K^* D^- a_1^0)$	18033	17781	1	24727
18035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\eta\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^0 D^+\bar{D}^0\bar{D}^0)$	18034	17782	1	24728
18036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+\gamma, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^- D^- D_s^+\bar{p}\Lambda_c^+\gamma)$	2243	2237	1	24729
18037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+\bar{D}^{*-})$	18036	16691	1	24730

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+D^-\bar{\Delta}^-n)$	18037	17784	1	24731
18039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+})$	18038	17785	1	24732
18040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^+n\bar{p}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0K^{*-}D^+D^{*+}n\bar{p})$	18039	17786	1	24733
18041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_SJ/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_SJ/\psi D_1^+)$	18040	17787	1	24734
18042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c2}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c2})$	18041	17788	1	24735
18043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+\bar{D}^0\bar{p}\Delta^+)$	18042	17789	1	24736
18044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	18043	17790	1	24737
18045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0})$	18044	17791	1	24738
18046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\eta K^0K^-D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	2244	2238	1	24739
18047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+})$	18046	17793	1	24740
18048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0)$	18047	17794	1	24741
18049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+D_{s1}'^+)$	18048	17795	1	24742
18050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	18049	17796	1	24743
18051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+)$	18050	17797	1	24744
18052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-\rho^+K^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^{*+}K^{*-}\Delta^0\bar{\Sigma}_c^-)$	18051	17798	1	24745
18053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-D_2^{*+})$	18052	17799	1	24746
18054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+})$	18053	17800	1	24747

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to \rho^+K^{*+}D^-\bar{D}^{*-}D^0)$	18054	17801	1	24748
18056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\eta\eta K^0\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-})$	18055	17802	1	24749
18057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	18056	17803	1	24750
18058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D_s^+)$	2245	2239	1	24751
18059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\rho^+\rho^-D^+D_2^{*-})$	18058	17805	1	24752
18060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^*D^+D^-D^{*+})$	18059	17806	1	24753
18061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*0})$	18060	17807	1	24754
18062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	18061	17808	1	24755
18063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, B^0 \to \rho^+\eta\eta D^-$ $(e^+e^- \to \rho^+\rho^+\eta\eta D^-\Delta^+\bar{\Sigma}_c^{*--})$	18062	17809	1	24756
18064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+\eta K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta K^{*+}D^+D^-)$	18063	17810	1	24757
18065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^{*+}\Lambda\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-K^{*+}D^+\Lambda\bar{\Sigma}_c^{*-})$	18064	17811	1	24758
18066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\eta K^0K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^0K^0K^-K^{*-}\bar{D}^{*-}D^0)$	18065	17812	1	24759
18067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0D^+D_s^-n\bar{\Xi}_c^0)$	18066	17813	1	24760
18068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^0D_s^-)$	18067	17814	1	24761
18069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0K^{*+}D^-D^-)$	18068	17815	1	24762
18070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s0}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+D^+D^+D_{s0}^{*-})$	18069	17816	1	24763
18071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	18070	17817	1	24764

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to K^+K^-K^-\eta' D^+$ $(e^+e^- \to K^+K^-K^-\eta' D^+ D_2^{*+}D_s^-)$	18071	17818	1	24765
18073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-})$	18072	17819	1	24766
18074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	18073	17820	1	24767
18075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-K^+D^{*+}D_s^{*-}J/\psi)$	18074	17821	1	24768
18076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	18075	17822	1	24769
18077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^-D_s^+, \bar{B}^0 \to \rho^0\rho^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^-D^0D_s^+)$	18076	17823	1	24770
18078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to K^+\bar{D}^{*-}D^0D^{*0}\Lambda\bar{\Sigma}^{*0})$	18077	17824	1	24771
18079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}D^{*0})$	18078	17825	1	24772
18080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^{++}\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^+D^{*0}D_s^-\Delta^{++}\bar{\Sigma}_c^{*--})$	18079	17826	1	24773
18081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^{*+}\bar{D}^{*-}p\bar{p})$	18080	17827	1	24774
18082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^-\rho^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^-\rho^+D_2^{*+})$	18081	17828	1	24775
18083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-}D_s^{*+})$	18082	17829	1	24776
18084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega K^-D^+D^-\bar{D}^{*0})$	18083	17830	1	24777
18085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^{*+}\Lambda\bar{\Sigma}_c^-)$	18084	17831	1	24778
18086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+})$	18085	17832	1	24779
18087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_1'^-)$	18086	17833	1	24780
18088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta K^0D^+\eta_c)$	18087	17834	1	24781

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	452	452	1	24782
18090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\omega D^+D^{*+})$	18089	17836	1	24783
18091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\bar{D}^{*-}p\bar{\Lambda}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-\bar{K}^*D^+\bar{D}^{*-}p\bar{\Lambda})$	18090	17837	1	24784
18092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*0})$	18091	17838	1	24785
18093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+K^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D_s^{*+})$	18092	17839	1	24786
18094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+\gamma, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D_2^{*-}\bar{D}^0D_s^+\gamma)$	18093	17840	1	24787
18095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^{*+}D_1^+)$	18094	17841	1	24788
18096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-})$	18095	17842	1	24789
18097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	18096	17843	1	24790
18098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0\bar{K}^0D^+\bar{D}^{*-})$	18097	17844	1	24791
18099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	18098	17845	1	24792
18100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}\eta_c)$	18099	17846	1	24793
18101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	18100	17847	1	24794
18102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+D^{*+}\bar{D}^{*-})$	18101	17848	1	24795
18103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*0})$	18102	17849	1	24796
18104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\eta' D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\eta' D_2^{*-}D^{*0})$	18103	17850	1	24797
18105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega K^*\bar{D}^{*0}\bar{D}^{*0})$	18104	17851	1	24798

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-})$	18105	17852	1	24799
18107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\eta K^*\bar{K}^*D^+\bar{D}^{*-})$	18106	17853	1	24800
18108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Delta}^+, \bar{B}^0 \to D^{*+}D_{s0}^{*-}\gamma$ $(e^+e^- \to D^{*+}\bar{D}^0p\bar{\Delta}^+D_{s0}^{*-}\gamma)$	18107	17854	1	24801
18109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-})$	18108	17855	1	24802
18110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+})$	18109	17856	1	24803
18111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}D^0)$	18110	17857	1	24804
18112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+K^0D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0D^+D^-a_1^-)$	18111	17858	1	24805
18113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^{*+}D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}D_s^{*+}D_s^{*-})$	18112	17859	1	24806
18114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \omega D^-\bar{\Sigma}^+\Sigma^0$ $(e^+e^- \to e^+\nu_e\omega D^-D^-\bar{\Sigma}^+\Sigma^0)$	18113	17860	1	24807
18115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+D_0^{*-})$	18114	17861	1	24808
18116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \omega\bar{K}^0D^-D_s^+J/\psi)$	18115	17862	1	24809
18117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\omega D^+D^+)$	18116	17863	1	24810
18118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}n\bar{n}D_0^{*+})$	18117	17864	1	24811
18119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-K^*D^-D^{*+}\bar{p}\Lambda_c^+)$	18118	17865	1	24812
18120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^*\bar{K}^*\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0K^*\bar{K}^*\bar{K}^*D^0\bar{D}^0\bar{D}^0)$	18119	17866	1	24813
18121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^+\bar{D}^{*-})$	18120	17867	1	24814
18122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^*K^{*-}D^+\bar{D}^{*-})$	18121	17868	1	24815

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	18122	17869	1	24816
18124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^+K^-D^+\bar{D}^{*-}D^0\bar{D}^{*0})$	18123	17870	1	24817
18125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0K^*p\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0K^*D^+p\bar{\Lambda}_c^-)$	18124	17871	1	24818
18126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	18125	17872	1	24819
18127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^{*0})$	18126	17873	1	24820
18128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta\omega\bar{K}^0K^+D^-D_1^+)$	18127	17874	1	24821
18129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \bar{K}^0D^-D_s^+D_s^{*-}a_1^+)$	18128	17875	1	24822
18130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0K^-\phi, \bar{B}^0 \to \pi^0K^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^0K^-\phi D^+D_s^{*-})$	2247	2241	1	24823
18131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\phi D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+\phi D^+D^-)$	18130	17877	1	24824
18132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0D^-, \bar{B}^0 \to \rho^+a_0^-$ $(e^+e^- \to \pi^+\rho^+\omega K^0D^-a_0^-)$	18131	17878	1	24825
18133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^*K^-D^-D^{*+}D^0\bar{D}^{*0})$	18132	17879	1	24826
18134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+K^{*-}D^+D^-\bar{D}^0)$	18133	17880	1	24827
18135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	18134	17881	1	24828
18136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+D^-a_1^+)$	18135	17882	1	24829
18137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}D_s^{*+}D_1^-)$	18136	17883	1	24830
18138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to K^0D^0$ $(e^+e^- \to e^+\nu_eK^0D^0D_0^{*-})$	18137	17884	1	24831
18139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K^0\bar{K}^*\bar{D}^{*-}\psi')$	18138	17885	1	24832

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega D^+D^{*+})$	18139	17886	1	24833
18141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}D'^-_{s1})$	18140	17887	1	24834
18142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{p}\Sigma_c^{*++})$	18141	17888	1	24835
18143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	18142	17889	1	24836
18144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \rho^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\eta\omega K^0K^-D^-D^{*+})$	18143	17890	1	24837
18145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^-K^0D^0\bar{D}^0)$	2248	2242	1	24838
18146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^{*+}n\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+D^{*+}n\bar{\Delta}^{++})$	18145	17892	1	24839
18147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{K}^*\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^*D^{*+}\bar{p}\Delta^{++})$	2249	2243	1	24840
18148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^-D^0D_s^+D_s^{*-})$	18147	17894	1	24841
18149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\bar{K}^0K^*\bar{K}^*K^+D^{*+}\bar{D}^{*-}n\bar{p})$	18148	17895	1	24842
18150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+K^{*-}D^0\bar{D}^{*0}D_0^{*-})$	18149	17896	1	24843
18151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^+D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	18150	17897	1	24844
18152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+})$	18151	17898	1	24845
18153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^{*+}\bar{D}^0D_1^-)$	18152	17899	1	24846
18154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	18153	17900	1	24847
18155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^{*-}D^+\bar{D}^{*0})$	18154	17901	1	24848
18156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D'^+_{s1}, B^0 \to \mu^+\nu_\mu\pi^0D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^-D'^+_{s1})$	18155	17902	1	24849

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^+\rho^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\bar{D}^0\bar{n}\Delta^0)$	18156	17903	1	24850
18158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Delta}^+, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^0p\bar{\Delta}^+)$	18157	17904	1	24851
18159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \pi^+K^-D_s^+D_s^-$ $(e^+e^- \to \pi^+\pi^+K^-D^0D_s^+D_s^-D_s^-)$	18158	17905	1	24852
18160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+\omega K^{*-}\eta_c$ $(e^+e^- \to \pi^+\pi^+\omega K^{*-}\eta_c\Delta^0\bar{\Sigma}_c^{*-})$	18159	17906	1	24853
18161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to D^+D^-D_{s0}^{*-}a_1^+)$	18160	17907	1	24854
18162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{\Lambda}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^0n\bar{\Lambda})$	2250	2244	1	24855
18163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^-D^{*+}\bar{D}^{*-})$	105	105	1	24856
18164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\omega\bar{D}^{*0}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\eta\omega D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^+)$	18163	17910	1	24857
18165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+D^0D_s^-)$	18164	17911	1	24858
18166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}n\bar{n}, \bar{B}^0 \to K^+K^-K^-\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to \pi^+\pi^-\omega K^+K^-K^-\bar{D}^{*0}n\bar{n}\bar{\Delta}^+\Delta^{++})$	18165	17912	1	24859
18167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^+D^-D^0$ $(e^+e^- \to \mu^+\nu_\mu K^+D^-D^-D^0)$	18166	17913	1	24860
18168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0K^0D^+D^{*0}\bar{D}^{*0}\Delta^-\bar{\Delta}^0)$	18167	17914	1	24861
18169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0K^+D^+D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^0K^+D^+D^{*0}D_s^{*-})$	18168	17915	1	24862
18170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0K^{*-}D^-D^{*+})$	18169	17916	1	24863
18171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^+D^-)$	18170	17917	1	24864
18172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^{*+}D_s^-$ $(e^+e^- \to \rho^0\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^-)$	18171	17918	1	24865
18173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^{*-})$	18172	17919	1	24866

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{D}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^0)$	18173	17920	1	24867
18175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^0\omega K^0\Sigma^+\bar{\Xi}_c^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\omega K^0\bar{D}^{*-}\Sigma^+\bar{\Xi}_c^-)$	18174	17921	1	24868
18176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^-D_0^{*+})$	18175	17922	1	24869
18177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-K^+D^+D^0\bar{D}^0)$	18176	17923	1	24870
18178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\omega D^-D^{*0})$	18177	17924	1	24871
18179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\eta_c$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0\bar{D}^{*-}\eta_c)$	18178	17925	1	24872
18180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta'D^{*+}\bar{D}^{*-})$	18179	17926	1	24873
18181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-D^+D^-D^{*0})$	18180	17927	1	24874
18182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*0}K_1^0\psi')$	18181	17928	1	24875
18183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-D^{*+}D_2^{*-}\bar{D}^{*0})$	18182	17929	1	24876
18184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	18183	17930	1	24877
18185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0K^0D^{*+}D^0\bar{D}^0D_s^-)$	18184	17931	1	24878
18186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	18185	17932	1	24879
18187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}D^{*+}D_s^{*-})$	18186	17933	1	24880
18188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^*D^-\eta_c)$	18187	17934	1	24881
18189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+\bar{D}^{*-}, B^0 \to \pi^+K^*\bar{K}^*K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^0K^*\bar{K}^*K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-})$	18188	17935	1	24882
18190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\omega\bar{K}^0D^{*+}\Delta^0\bar{\Xi}_c^{*0})$	18189	17936	1	24883

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Lambda_c^+)$	18190	17937	1	24884
18192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0\bar{K}^0D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0K^-D^+D^-\bar{D}^{*0})$	18191	17938	1	24885
18193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^+K^-D^{*+}p\bar{\Lambda}_c^-)$	18192	17939	1	24886
18194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D_2^{*-}\Delta^0\bar{\Sigma}_c^{*-})$	18193	17940	1	24887
18195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^-K^+, B^0 \to \bar{K}^0K^+K^+K^-D^-$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^+K^+K^+K^-D^-)$	18194	17941	1	24888
18196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\omega\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-}J/\psi)$	18195	17942	1	24889
18197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\chi_{c0}, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^+\bar{D}^0D_s^{*+}\chi_{c0})$	18196	17943	1	24890
18198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+K^0n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+K^0\bar{D}^{*-}n\bar{p})$	18197	17944	1	24891
18199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \pi^-\bar{K}^0K^+\eta_c\psi')$	18198	17945	1	24892
18200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^+D_{s1}'^-)$	18199	17946	1	24893
18201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+D^+D^-)$	18200	17947	1	24894
18202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta'D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^+\eta'D^-D_2^{*+}D_s^-)$	18201	17948	1	24895
18203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega D^{*+}D^0D_s^{*-})$	18202	17949	1	24896
18204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^{*-}\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-\eta K^{*-}\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{*0}\Sigma_c^{++})$	18203	17950	1	24897
18205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^+\rho^+\rho^-\rho^-D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-D^0\bar{D}^{*0}D_s^+)$	18204	17951	1	24898
18206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-K^0K^-D^{*+}\bar{D}^{*-})$	18205	17952	1	24899
18207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega\bar{D}^{*-}D^0D_{s1}'^+)$	18206	17953	1	24900

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\omega\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^+\bar{D}^0D_s^{*-})$	18207	17954	1	24901
18209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^+K^-D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\omega K^-D^-D^-D^0p\bar{p})$	18208	17955	1	24902
18210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\omega D^{*+}\bar{D}^{*-}D_{s1}'^-)$	18209	17956	1	24903
18211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-K^+K^-D^{*+}\Delta^+\bar{\Sigma}_c^0)$	18210	17957	1	24904
18212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^+D^-\Delta^-\bar{n})$	18211	17958	1	24905
18213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^0\omega\bar{K}^*K^+D^-$ $(e^+e^- \to \pi^0\omega\bar{K}^*K^+D^-\bar{D}^{*-}D_{s1}'^+)$	18212	17959	1	24906
18214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{\Delta}^0\Sigma_c^{*0}D_1^-)$	18213	17960	1	24907
18215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, B^0 \to \pi^0\bar{D}^{*0}p\bar{p}$ $(e^+e^- \to \pi^0D^-\bar{D}^{*0}\bar{\Delta}^-\Delta^0p\bar{p})$	18214	17961	1	24908
18216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\eta D^+D^+)$	18215	17962	1	24909
18217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D_1^+)$	18216	17963	1	24910
18218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}D^-D^{*+}\bar{D}^0)$	18217	17964	1	24911
18219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^-D^{*+}\bar{D}^{*-}n\bar{n})$	2252	2246	1	24912
18220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^0D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+D^{*+}D_s^{*-})$	18219	17966	1	24913
18221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+K^0\bar{D}^{*-}D_2^{*+}D^0D_s^{*-})$	18220	17967	1	24914
18222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^+)$	18221	17968	1	24915
18223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega D^+D^{*+})$	18222	17969	1	24916
18224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}D^{*0})$	18223	17970	1	24917

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\rho^+\rho^-D^-$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-D^-\bar{D}^{*-})$	18224	17971	1	24918
18226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^+K^-D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^+K^-D^{*+}\bar{D}^{*-}D_s^-)$	2253	2247	1	24919
18227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta K^*K^-D^{*+}\bar{D}^{*-})$	18226	17973	1	24920
18228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^+\bar{D}^0D_s^+)$	18227	17974	1	24921
18229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^0D^+\bar{D}^0D^{*0})$	18228	17975	1	24922
18230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\omega K^+\eta' D^+\bar{D}^{*0})$	454	454	1	24923
18231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0J/\psi, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0\bar{K}^0D^+J/\psi)$	18230	17977	1	24924
18232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\eta' D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\eta' D^-D^{*0})$	18231	17978	1	24925
18233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{K}^0D^0D^0D_s^-)$	18232	17979	1	24926
18234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0\eta'\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0K^0\bar{K}^0\eta' D^{*+}\bar{D}^{*-}\bar{D}^0)$	18233	17980	1	24927
18235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^+\bar{D}^{*-})$	18234	17981	1	24928
18236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^*\bar{K}^*, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-K^*\bar{K}^*D^+)$	18235	17982	1	24929
18237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+D^+\bar{D}^{*-})$	18236	17983	1	24930
18238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-})$	18237	17984	1	24931
18239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^-K^{*+}D^{*+}D_s^-J/\psi)$	2255	2249	1	24932
18240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*-})$	18239	17986	1	24933
18241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	18240	17987	1	24934

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to p\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} p\bar{\Lambda}_c^-)$	18241	17988	1	24935
18243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-K^0K^{*-}D^+\bar{D}^{*0})$	18242	17989	1	24936
18244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta D^-D^{*+})$	18243	17990	1	24937
18245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\eta\eta\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta\eta\omega D^-D^{*+})$	18244	17991	1	24938
18246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0K^-D^+D^{*+})$	18245	17992	1	24939
18247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^0\Delta^0\bar{\Delta}^0)$	18246	17993	1	24940
18248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0D^{*+}D^{*+}\bar{D}^{*-})$	18247	17994	1	24941
18249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+\eta\bar{D}^{*-}D_2^{*+})$	18248	17995	1	24942
18250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^0D^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0D^+D^-D_1'^-)$	18249	17996	1	24943
18251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}D^{*+})$	18250	17997	1	24944
18252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}\bar{\Lambda}\Xi_c'^+, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^-\rho^+K^0K^{*-}K^{*-}D^{*+}\bar{\Lambda}\Xi_c'^+)$	18251	17998	1	24945
18253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^+\bar{p}\Xi_c^0$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{p}\Xi_c^0D_1^-)$	18252	17999	1	24946
18254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	18253	18000	1	24947
18255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	2256	2250	1	24948
18256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to K^*\bar{K}^*K^-D^+D^+\bar{D}^{*-})$	18255	18002	1	24949
18257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\eta K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	18256	18003	1	24950
18258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\eta D^+\bar{n}p$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}\bar{n}p)$	18257	18004	1	24951

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D^{*+}\bar{D}^0)$	18258	18005	1	24952
18260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\rho^+\eta D^+D^-)$	18259	18006	1	24953
18261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	18260	18007	1	24954
18262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	18261	18008	1	24955
18263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^0\bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-})$	18262	18009	1	24956
18264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_{s1}'^-)$	18263	18010	1	24957
18265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0D^+D^-)$	18264	18011	1	24958
18266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta D^-D^0D_{s1}^+)$	18265	18012	1	24959
18267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^0K^-D^{*+}\Sigma^-\bar{\Xi}^+$ $(e^+e^- \to \pi^0\pi^-\eta K^-D^+D^{*+}\Sigma^-\bar{\Xi}^+)$	18266	18013	1	24960
18268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^+D^-D_1'^+)$	18267	18014	1	24961
18269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^0D^-D_1'^+)$	18268	18015	1	24962
18270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-}D_s^{*+})$	2257	2251	1	24963
18271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^*D^0D_s^{*-}\eta_c)$	18270	18017	1	24964
18272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}\Delta^+\bar{\Lambda}_c^-)$	18271	18018	1	24965
18273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^0D_s^+)$	18272	18019	1	24966
18274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to K^*D^+D^-$ $(e^+e^- \to K^*D^+D^-\bar{D}^{*-}a_1^+)$	18273	18020	1	24967
18275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-\gamma, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^+\rho^-\omega D^+n\bar{\Sigma}_c^-\gamma)$	18274	18021	1	24968

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^{*+}D^{*0}\bar{D}^{*0})$	18275	18022	1	24969
18277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0 D^+D^- D_s^{*+}a_1^-)$	18276	18023	1	24970
18278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-D^0)$	18277	18024	1	24971
18279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0 n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^0n\bar{p})$	18278	18025	1	24972
18280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^- K^*, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0K^-\phi D_s^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0K^*K^-\phi D_s^+)$	18279	18026	1	24973
18281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- K^*K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\bar{K}^0K^*K^{*-}D^+)$	2258	2252	1	24974
18282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta K^0D^-, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^+\eta\eta K^0D^+D^-\Delta^+\bar{\Delta}^{++})$	18281	18028	1	24975
18283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^- D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^- D^{*+}\bar{D}^0n\bar{n})$	18282	18029	1	24976
18284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \phi\bar{\Delta}^+\Xi_c^+$ $(e^+e^- \to \pi^+\omega\phi\bar{D}^{*-}\bar{\Delta}^+\Xi_c^+)$	18283	18030	1	24977
18285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\omega K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^0K^{*-}D^+\bar{D}^0)$	2259	2253	1	24978
18286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Lambda}\Xi^{*0}$ $(e^+e^- \to \pi^0\rho^+\bar{D}^{*-}D^0\bar{\Lambda}\Xi^{*0})$	18285	18032	1	24979
18287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\eta D^-D^0n\bar{\Delta}^0)$	18286	18033	1	24980
18288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-})$	18287	18034	1	24981
18289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^*K^+D^-D^{*+})$	18288	18035	1	24982
18290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^0D^{*+}\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to e^+\nu_e K^0D^-D^{*+}\bar{\Delta}^0\Sigma^{*-})$	18289	18036	1	24983
18291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \bar{K}^0K^{*+}D^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^{*+}D^-D^-)$	18290	18037	1	24984
18292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^*, \bar{B}^0 \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*\bar{D}^{*-}D^{*0})$	2260	2254	1	24985

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0 p\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^* D^{*+} D^0 p\bar{\Delta}^+)$	18292	18039	1	24986
18294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \eta\bar{K}^0 K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0 K^{*+} D^-\bar{D}^{*-})$	18293	18040	1	24987
18295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega D^- D^0 D_s^{*-})$	18294	18041	1	24988
18296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- D^- n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^- D^{*+} n\bar{n})$	18295	18042	1	24989
18297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^+ D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^+ D_s^+ D_s^-)$	18296	18043	1	24990
18298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^- K^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^- K^{*+} D^{*+})$	18297	18044	1	24991
18299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\omega D^- D^-)$	18298	18045	1	24992
18300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ n\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^+ D^+ n\bar{\Lambda}_c^-)$	18299	18046	1	24993
18301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+} n\bar{\Sigma}_c^0)$	18300	18047	1	24994
18302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0 D^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\eta\omega K^0\bar{K}^0 D^+ D^{*+})$	18301	8951	1	24995
18303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\eta D^+\bar{D}^{*-})$	18302	18048	1	24996
18304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^- D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-} D^0)$	18303	18049	1	24997
18305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^* K^+ D^-, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\rho^-\bar{K}^* K^+ D^- D_2^{*+} D_s^{*-})$	18304	18050	1	24998
18306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D_s^+ D_s^-, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^- K^0 D^{*+} D_s^+ D_s^-)$	18305	18051	1	24999
18307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^- D^{*+})$	18306	18052	1	25000
18308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^- D^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^- D^- D^{*+})$	18307	18053	1	25001
18309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_s^{*+} D_1^-, B^0 \to \tau^+\nu_\tau D_1^-$ $(e^+e^- \to \tau^+\nu_\tau D_s^{*+} D_1^- D_1^-)$	18308	18054	1	25002

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*0})$	18309	18055	1	25003
18311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-K^+D^-D^0)$	18310	18056	1	25004
18312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\rho^+\rho^-D^+D^-)$	18311	18057	1	25005
18313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^{*+}D^0)$	18312	18058	1	25006
18314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}$ $(e^+e^- \to e^+\nu_e\pi^+\Delta^+\bar{\Sigma}_c^{*--}D_1'^-)$	2261	2255	1	25007
18315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+})$	18314	18060	1	25008
18316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D^{*+}, B^0 \to \pi^0\pi^-K^{*+}D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^-D^-D^{*+}D^{*+})$	18315	18061	1	25009
18317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0K^{*+}K^{*-}D^-\bar{\Delta}^+\Lambda_c^+)$	18316	18062	1	25010
18318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}D_s^+\chi_{c0})$	18317	18063	1	25011
18319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0\bar{K}^*D^+D^+\bar{D}^{*-})$	18318	18064	1	25012
18320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to K^0K^{*-}D^-D^{*+}\bar{n}p)$	2262	2256	1	25013
18321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega\bar{D}^{*-}D_1^+)$	18320	18066	1	25014
18322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-\gamma, \bar{B}^0 \to \omega\bar{K}^0K^+K^-$ $(e^+e^- \to \rho^+\omega\omega\bar{K}^0K^+K^-D^-\gamma)$	455	455	1	25015
18323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^+K^-D^+D^-)$	18322	18067	1	25016
18324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+\gamma, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-K^0\bar{K}^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta K^0\bar{K}^0K^-D^+D^{*+}\gamma)$	18323	18068	1	25017
18325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\rho^+\rho^-D^{*+}\bar{D}^0D_{s1}'^-)$	2264	2258	1	25018
18326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \mu^+\nu_\mu D_s^{*-}D_1^+D_1^-)$	18325	18070	1	25019

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\rho^+\eta D^+D^-D_s^{*-})$	18326	18071	1	25020
18328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^0\bar{K}^0D^-D_s^+D_s^-D_{s1}'^+)$	18327	18072	1	25021
18329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-D^+\bar{D}^{*-})$	18328	18073	1	25022
18330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	18329	18074	1	25023
18331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D_1^-)$	18330	18075	1	25024
18332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \eta D^{*+}D_s^{*-}\bar{\Delta}^0\Sigma_c^0)$	18331	18076	1	25025
18333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+\Delta^+\bar{\Sigma}_c^{*-})$	18332	18077	1	25026
18334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta\eta D^+D^-)$	18333	18078	1	25027
18335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^-D^{*+}\bar{\Delta}^-\Delta^0)$	18334	18079	1	25028
18336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \bar{K}^*D^{*+}\Delta^0\bar{\Xi}_c^0a_1^-)$	18335	18080	1	25029
18337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	18336	18081	1	25030
18338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, B^0 \to e^+\nu_e\pi^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-K^0\bar{D}^0D^{*0}\bar{D}^{*0})$	18337	18082	1	25031
18339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^*K^-\bar{D}^0, B^0 \to \rho^0\eta\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\bar{K}^0K^*K^+K^-\bar{D}^{*-}\bar{D}^0)$	18338	18083	1	25032
18340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{D}^{*0}\Delta^-\bar{\Sigma}^{*+}, B^0 \to \rho^0\eta\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\eta\eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^-\bar{\Sigma}^{*+})$	18339	18084	1	25033
18341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	18340	18085	1	25034
18342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\bar{D}^{*-}D_s^+D_s^{*-}D_1^+)$	18341	18086	1	25035
18343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*\bar{D}^0D^{*0}\chi_{c1})$	18342	18087	1	25036

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^+ K^{*-} D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+ K^{*-} D^+ D^- \bar{D}^{*-} D_s^+)$	18343	18088	1	25037
18345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^* D^- D^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ K^* D^- D^{*+} D^0)$	18344	18089	1	25038
18346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^- D^{*+} D_s^+)$	18345	18090	1	25039
18347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- \bar{K}^* K^{*+} D^-, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+\pi^+\pi^-\pi^- \bar{K}^* K^{*+} D^+ D^-)$	2265	2259	1	25040
18348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 \psi(3770), \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^- K^0 K^- D^{*+} \bar{D}^{*0} \psi(3770))$	18347	18092	1	25041
18349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^{*+} J/\psi)$	106	106	1	25042
18350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^0 \bar{K}^* D^+$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^- K^0 \bar{K}^* D^+ \bar{D}^{*-})$	18349	18094	1	25043
18351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\eta\eta\omega K^- D^{*+}$ $(e^+e^- \to e^+\nu_e \rho^0\eta\eta\omega K^- D^- D^{*+})$	18350	18095	1	25044
18352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to K^0 D^+ D^- D^{*+} D_{s1}'^-)$	18351	18096	1	25045
18353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^- \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^- \rho^- D^{*+} \bar{D}^{*-} a_1^+)$	18352	18097	1	25046
18354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e \mu^-\bar{\nu}_\mu X_u^+ D^{*+})$	18353	9103	1	25047
18355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+\gamma, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^- D^- D^{*+} a_1^+\gamma)$	18354	18098	1	25048
18356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu \pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^- K^{*-} D^+ D^{*+} \bar{D}^{*0})$	18355	18099	1	25049
18357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^+ K^- \bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+ K^+ K^- D^+ \bar{D}^{*-} D_{s1}'^-)$	18356	18100	1	25050
18358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^+ \bar{K}^* D^- D^{*+} \bar{D}^{*-})$	2267	2261	1	25051
18359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^+ \bar{D}^{*-} D^{*0})$	2268	2262	1	25052
18360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^- \bar{K}^0 K^{*+} D^-, \bar{B}^0 \to K^{*-} \bar{p} \Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- \bar{K}^0 K^{*+} K^{*-} D^- \bar{p} \Sigma_c^{*++})$	18359	18103	1	25053

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^*K^-K^{*+}, B^0 \to \rho^+\eta K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^*K^+K^-K^-K^{*+}\bar{D}^{*-})$	18360	18104	1	25054
18362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta D^- J/\psi\bar{K}_1^0)$	18361	18105	1	25055
18363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^+D^-\bar{D}^{*-})$	18362	18106	1	25056
18364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^0\bar{K}^0D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	18363	18107	1	25057
18365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_{s0}^{*-})$	2269	2263	1	25058
18366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^-D_s^{*+}n\bar{n})$	18365	18109	1	25059
18367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta K^0K^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta K^0K^{*-}D^{*+})$	18366	18110	1	25060
18368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^0D_s^-X_{sd}\gamma)$	18367	18111	1	25061
18369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^-K^+\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^-K^0K^+D^-D^{*+}\bar{D}^0D^{*0})$	18368	18112	1	25062
18370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*D^-, \bar{B}^0 \to \rho^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^*\bar{K}^*\eta' D^+D^-)$	2270	2264	1	25063
18371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\eta\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\eta\eta\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	18370	18114	1	25064
18372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e\pi^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+})$	18371	18115	1	25065
18373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta K^*K^{*-}\bar{D}^0, B^0 \to \pi^+\pi^+\rho^-\rho^-\omega\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-\eta\omega K^*K^{*-}\bar{D}^0\bar{D}^0)$	18372	18116	1	25066
18374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \omega D^+\bar{D}^{*-}D_s^-\bar{n}\Delta^+)$	18373	18117	1	25067
18375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^+\eta' D^-\bar{D}^{*-}D^0)$	18374	18118	1	25068
18376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{p}\Delta^{++})$	18375	18119	1	25069
18377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+D^-D^{*+}\Sigma^0\bar{\Sigma}^0a_1^-)$	18376	18120	1	25070

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	18377	18121	1	25071
18379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\phi D^+\bar{D}^{*-}D_s^+\gamma)$	18378	18122	1	25072
18380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\pi^+\eta\omega D^-D^{*+})$	18379	18123	1	25073
18381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	18380	18124	1	25074
18382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^0\pi^-\bar{K}^*D^{*+}D_1^-)$	18381	18125	1	25075
18383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	18382	18126	1	25076
18384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to e^+\nu_e K^*D^-D^-D^{*+})$	2271	2265	1	25077
18385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^-\Delta^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^+)$	18384	18128	1	25078
18386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}\eta_c)$	18385	18129	1	25079
18387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^+\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*0})$	18386	18130	1	25080
18388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}D^{*0})$	18387	18131	1	25081
18389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}D^{*0})$	18388	18132	1	25082
18390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^0\bar{K}^0D^+)$	18389	18133	1	25083
18391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^-\rho^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \rho^-\rho^-\bar{K}^0K^{*+}D^{*+}D^{*+}D_s^{*-})$	18390	18134	1	25084
18392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^+\omega\bar{D}^{*-}\gamma$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}\gamma)$	18391	18135	1	25085
18393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^-D^+\bar{D}^{*-})$	18392	18136	1	25086
18394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^+D^-D_s^{*-})$	18393	18137	1	25087

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ \bar{D}^0, \bar{B}^0 \to e^- \bar{\nu}_e \eta D^+$ $(e^+e^- \to e^- \bar{\nu}_e \pi^- \eta K^+ D^+ \bar{D}^0)$	18394	18138	1	25088
18396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- \eta K^* \bar{K}^* K^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta K^* \bar{K}^* K^+ D^{*+})$	18395	18139	1	25089
18397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^- D^0, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta D^+ D^- D^0 D_s^-)$	18396	18140	1	25090
18398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^- \Lambda\bar{\Sigma}^0, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega\omega D^+ D^- \Lambda\bar{\Sigma}^0)$	18397	18141	1	25091
18399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \rho^+\bar{D}^{*-} D_2^{*+} D_s^{*-})$	18398	18142	1	25092
18400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to D^+ D^{*+} D_s^{*-} \Delta^- \bar{n})$	18399	18143	1	25093
18401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^- D^{*+}, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \rho^- \bar{K}^0 K^+ D^- D^{*+} D^{*+} \bar{D}^{*-})$	18400	18144	1	25094
18402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-} D_s^{*-} D_1^+)$	18401	18145	1	25095
18403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \pi^+ \eta K^0 \bar{K}^* D^+ \bar{D}^{*-})$	18402	18146	1	25096
18404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu \pi^+ \omega D^- D^-)$	18403	18147	1	25097
18405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^0\pi^+ D^-, B^0 \to \pi^+\bar{D}^{*-} p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+ D^- \bar{D}^{*-} p\bar{p})$	18404	18148	1	25098
18406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*0}\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega K^+ D^{*+} \bar{D}^{*0} \Delta^+ \bar{\Delta}^{++})$	18405	18149	1	25099
18407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ D^- \bar{\Sigma}^0 \Sigma^+, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+ K^- D^- D^{*+} \bar{D}^{*0} \bar{\Sigma}^0 \Sigma^+)$	2272	2266	1	25100
18408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \bar{K}^0 K^- \bar{D}^0 D_s^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{K}^0 K^- \bar{D}^0 D_s^{*+} D_1^+)$	18407	18151	1	25101
18409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to D^+ \bar{D}^{*-} n\bar{p} a_1^+)$	18408	18152	1	25102
18410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^{*-} D^- D^{*+})$	18409	18153	1	25103
18411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^- \bar{K}^0 D^{*+} \Delta^0 \bar{\Xi}_c^{*0})$	18410	18154	1	25104

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^- p\bar{\Xi}_c'^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{n}\Delta^0 p\bar{\Xi}_c'^0)$	18411	18155	1	25105
18413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-\bar{D}^{*-})$	18412	17399	1	25106
18414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega D_s^+D_s^-, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \eta\omega\bar{K}^0D_s^+D_s^-\bar{\Sigma}^0\Xi_c^0)$	18413	18156	1	25107
18415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^-, B^0 \to \pi^+\pi^+\pi^-\omega K^+K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+K^{*-}D^-D^-)$	2273	2267	1	25108
18416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-K^*\bar{K}^*D^+\bar{D}^{*-})$	2274	2268	1	25109
18417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\bar{K}^0\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\bar{K}^0\eta' D^+D^-)$	18416	18159	1	25110
18418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\eta\eta\omega D^0\bar{D}^0D_s^{*-})$	18417	18160	1	25111
18419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-})$	18418	18161	1	25112
18420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\eta\omega K^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\eta\omega K^{*-}\bar{D}^{*-})$	18419	18162	1	25113
18421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^-\rho^-K^+K^-D^+p\bar{\Sigma}_c^0)$	18420	18163	1	25114
18422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \rho^0\omega K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\omega K^0K^-D^+D^{*+}a_1^-)$	18421	18164	1	25115
18423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^0\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+D^0\bar{D}^0\bar{\Delta}^-\Delta^0)$	18422	18165	1	25116
18424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0K^+K^{*+}K^{*-}D^+\bar{D}^{*-})$	18423	18166	1	25117
18425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0D^+\bar{D}^{*-})$	18424	18167	1	25118
18426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega D^-D^{*+}D_s^+)$	18425	18168	1	25119
18427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi n\bar{\Lambda}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^{*+}J/\psi n\bar{\Lambda})$	18426	18169	1	25120
18428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^-K^{*+}D^+D_s^-J/\psi)$	18427	18170	1	25121

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \bar{D}^{*-}D_s^+\gamma$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^+\gamma)$	18428	18171	1	25122
18430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+D^0D_s^{*-})$	18429	18172	1	25123
18431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^-D_1^+)$	18430	18173	1	25124
18432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^*D^-)$	18431	18174	1	25125
18433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, B^0 \to \pi^+K^0D^-D^{*0}$ $(e^+e^- \to \pi^+K^0D^-D^-D^{*0}\bar{\Sigma}^0\Sigma^+)$	18432	18175	1	25126
18434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+K^+D^+\bar{D}^0D^{*0})$	18433	18176	1	25127
18435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0})$	18434	18177	1	25128
18436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^*\bar{K}^*D^+\bar{D}^{*-})$	18435	18178	1	25129
18437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD_1^+D_1'^+)$	18436	18179	1	25130
18438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^0)$	18437	18180	1	25131
18439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0K^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0K^-D^-D_s^{*+})$	18438	18181	1	25132
18440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}a_1^+\gamma)$	18439	18182	1	25133
18441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\eta\bar{D}^{*-}D^0D_s^{*-})$	18440	18183	1	25134
18442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^-)$	18441	18184	1	25135
18443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0K^*K^-D^+, \bar{B}^0 \to \pi^0\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega K^0K^*K^-K^{*-}D^+D^+)$	18442	18185	1	25136
18444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+})$	18443	18186	1	25137
18445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*0}\Sigma^0\bar{\Sigma}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*0}\bar{D}^{*0}\Sigma^0\bar{\Sigma}^{*0})$	18444	18187	1	25138

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^0D^0\bar{D}^0)$	18445	18188	1	25139
18447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}p\bar{p})$	18446	18189	1	25140
18448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*-}D^+D^{*+}\bar{D}^0)$	18447	18190	1	25141
18449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-})$	18448	18191	1	25142
18450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+p\bar{p}D_1'^-)$	18449	18192	1	25143
18451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^-K^{*+}D^{*+}\bar{D}^0D_s^{*+})$	18450	18193	1	25144
18452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\bar{D}^{*-}D^0D_s^+)$	18451	18194	1	25145
18453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^0K^+K^-D^-D^{*+}D^{*+})$	18452	18195	1	25146
18454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+D^0\Delta^0\bar{\Sigma}_c^{*0})$	18453	18196	1	25147
18455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\rho^+D^-D_1^+)$	18454	18197	1	25148
18456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+D^-, B^0 \to \pi^0D^-\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^-D^-\bar{n}p)$	18455	18198	1	25149
18457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-D^+D_1^-)$	18456	18199	1	25150
18458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^0\bar{K}^*D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	18457	18200	1	25151
18459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{\Delta}^+\Sigma_c^{*++})$	18458	18201	1	25152
18460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*0})$	18459	18202	1	25153
18461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta D^-D^{*0})$	18460	18203	1	25154
18462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\eta_c, \bar{B}^0 \to \pi^+\pi^-\eta D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^0D^{*+}\eta_c\Sigma^-\bar{\Lambda})$	18461	18204	1	25155

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+K^-D_s^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^-D_s^-D_s^{*+})$	18462	18205	1	25156
18464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	18463	18206	1	25157
18465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+D^+D^-D_s^{*+})$	18464	18207	1	25158
18466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^+K^0\bar{D}^{*-}\bar{p}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+K^0D^-\bar{D}^{*-}\bar{p}\Lambda)$	18465	18208	1	25159
18467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	18466	18209	1	25160
18468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^-\eta\eta K^*D^+D^{*0}\bar{D}^{*0})$	18467	18210	1	25161
18469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-K^*D^+D_s^+D_s^-)$	18468	18211	1	25162
18470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^0D^+D^-D^{*+})$	18469	18212	1	25163
18471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+})$	18470	18213	1	25164
18472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^+D^-)$	18471	18214	1	25165
18473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^+D^-)$	18472	18215	1	25166
18474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to \rho^0\rho^+K^-\eta_c$ $(e^+e^- \to \rho^0\rho^+\eta K^-D^-D_s^+\eta_c)$	18473	18216	1	25167
18475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0K^*D^-D^{*+})$	18474	18217	1	25168
18476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta' D^+\bar{D}^{*-})$	18475	18218	1	25169
18477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0})$	18476	18219	1	25170
18478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^-\bar{n}p)$	18477	18220	1	25171
18479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^-p\bar{\Sigma}_c^{*0}$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}p\bar{\Sigma}_c^{*0})$	18478	18221	1	25172

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^+D_2^{*-})$	18479	18222	1	25173
18481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0)$	18480	18223	1	25174
18482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^0\pi^+\pi^+\pi^-D^-)$	18481	18224	1	25175
18483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}a_1^+)$	18482	18225	1	25176
18484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^-D^{*+}\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+D^{*+}\Sigma^+\bar{\Sigma}^-)$	18483	18226	1	25177
18485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\omega D^0D_1'^-)$	18484	18227	1	25178
18486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^+\omega K^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega K^{*-}D^{*+})$	2275	2269	1	25179
18487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	18486	18229	1	25180
18488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega K^0D^+\bar{D}^{*-}D^0)$	18487	18230	1	25181
18489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D_1'^+)$	18488	18231	1	25182
18490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+K^-\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^-\bar{D}^{*-}\eta_c)$	18489	18232	1	25183
18491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\bar{D}^{*-}D_1^+\gamma)$	18490	18233	1	25184
18492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^0\rho^0\pi^+\pi^-D^-\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^-\bar{n}p)$	18491	18234	1	25185
18493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \rho^+D_2^{*-}D^0D_s^{*+}D_s^{*-})$	18492	18235	1	25186
18494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\phi D^+\bar{D}^{*-}D_s^{*+})$	18493	18236	1	25187
18495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta D^-\bar{D}^{*-}D_{s1}'^+)$	18494	18237	1	25188
18496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^0\rho^+\rho^-D^-\bar{\Delta}^+\Sigma_c^{++})$	18495	18238	1	25189

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ D_2^{*-}D_s^+)$	18496	18239	1	25190
18498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to D^0\bar{n}\Delta^0$ $(e^+e^- \to D^-D^0\bar{n}\Delta^0 D_{s1}'^+)$	18497	18240	1	25191
18499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+D^-D_s^{*+})$	18498	18241	1	25192
18500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\omega D^+D^-n\bar{p})$	18499	18242	1	25193
18501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-D^{*+}\bar{D}^{*-}D_s^+)$	18500	18243	1	25194
18502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\rho^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-})$	18501	18244	1	25195
18503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0K^0K^-D^{*+}D_1'^-)$	18502	18245	1	25196
18504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-\gamma, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega D^-D^{*+}\gamma)$	18503	18246	1	25197
18505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D_2^{*+}\bar{D}^0D^{*0})$	457	457	1	25198
18506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^-D^{*+}D_s^+)$	18505	18248	1	25199
18507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0D_s^+)$	18506	18249	1	25200
18508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D_1'^+)$	18507	18250	1	25201
18509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0\bar{\Lambda}\Sigma_c^0)$	18508	18251	1	25202
18510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^-D^+D^{*+}\bar{D}^{*0})$	18509	18252	1	25203
18511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*0}D_s^+)$	18510	18253	1	25204
18512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0n\bar{n}, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^0n\bar{n})$	18511	18254	1	25205
18513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^{*-}D^-, \bar{B}^0 \to \omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\rho^+\omega K^0K^0K^{*-}K^{*-}D^+D^-)$	18512	18255	1	25206

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-})$	18513	18256	1	25207
18515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\rho^-K^0D^{*+}\bar{D}^0D_s^{*-})$	18514	18257	1	25208
18516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*K^-K^{*+}D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^0\bar{K}^*K^-K^-K^{*+}D^+D^-\bar{D}^{*0})$	18515	18258	1	25209
18517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-})$	18516	18259	1	25210
18518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-D^{*0})$	18517	18260	1	25211
18519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-\gamma, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^+D^-D_s^{*-}\gamma)$	18518	18261	1	25212
18520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0K^+D^-D^{*+}D_s^{*-})$	18519	18262	1	25213
18521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^-\bar{K}^0K^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^+D^{*+}nn\bar{p}\bar{p})$	18520	18263	1	25214
18522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^-D^+\bar{D}^{*0}D_1'^-)$	18521	18264	1	25215
18523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	18522	18265	1	25216
18524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\bar{D}^0D^{*0})$	18523	18266	1	25217
18525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^{*+}, B^0 \to \pi^+\pi^-\rho^+K^0K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^-D^-\bar{D}^{*0}D_s^{*+})$	18524	18267	1	25218
18526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^+D^+\Delta^-\bar{\Delta}^0\Delta^+\bar{\Sigma}_c^{--})$	2277	2271	1	25219
18527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\eta\omega\omega D^{*+}\bar{D}^{*0})$	107	107	1	25220
18528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \rho^0\pi^-\omega\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^0\eta' D^{*+}J/\psi)$	18527	18270	1	25221
18529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	18528	18271	1	25222
18530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \rho^0\pi^-\rho^+D^+D^-p\bar{p})$	18529	18272	1	25223

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D_s^{*+}D_s^{*-}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\eta K^*D^-D_s^{*+}D_s^{*-})$	18530	18273	1	25224
18532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to D_s^{*+}D_1^-$ $(e^+e^- \to D^-D_s^{*+}D_1^-a_1^+)$	18531	18274	1	25225
18533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D^-D_s^{*+})$	18532	18275	1	25226
18534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^+\eta D^+D^-D_{s1}'^-)$	18533	18276	1	25227
18535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{D}^0D_s^{*+}\bar{\Delta}^+\Sigma_c^{++})$	18534	18277	1	25228
18536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega K^+K^{*-}D^{*+}\bar{D}^{*-})$	18535	18278	1	25229
18537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\rho^-D^-D^{*+})$	18536	18279	1	25230
18538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-D^{*+}D_{s0}^{*-})$	2279	2273	1	25231
18539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \rho^0\rho^+n\bar{p}\Sigma_c^0\bar{\Sigma}_c^0)$	18538	18281	1	25232
18540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to K^+K^-K^{*-}\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu K^+K^-K^{*-}\eta' D^+D_1'^-)$	18539	18282	1	25233
18541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega D^-D^{*+}\bar{n}p)$	18540	18283	1	25234
18542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\eta\bar{K}^0K^*K^-D^0$ $(e^+e^- \to \pi^+\eta\bar{K}^0K^*K^-\bar{D}^{*-}D^0D_{s1}'^+)$	18541	18284	1	25235
18543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^+\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^-D^{*+}\Delta^+\bar{\Sigma}^0)$	18542	18285	1	25236
18544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta\eta\eta\bar{K}^*, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta\eta\bar{K}^*D^+n\bar{n})$	18543	18286	1	25237
18545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0a_1^-)$	18544	18287	1	25238
18546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^0K^*\bar{K}^*\phi$ $(e^+e^- \to \mu^+\nu_\mu K^0K^*\bar{K}^*\phi\bar{D}^{*-})$	18545	18288	1	25239
18547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D_s^{*-}D_1^+)$	18546	18289	1	25240

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^+D^{*0}\bar{D}^{*0})$	18547	18290	1	25241
18549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}D_s^{*-})$	18548	18291	1	25242
18550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+n\bar{p}D_1'^+)$	18549	18292	1	25243
18551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	18550	18293	1	25244
18552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}p\bar{p})$	18551	18294	1	25245
18553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^{*+}D_1'^-)$	18552	18295	1	25246
18554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^*D^+D^-\bar{D}^{*-})$	18553	18296	1	25247
18555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0K^+D^+D^-)$	18554	18297	1	25248
18556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}D^{*+}D_s^{*-})$	18555	18298	1	25249
18557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	18556	18299	1	25250
18558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0D^+D^-D_s^{*+})$	18557	18300	1	25251
18559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^-D^+D^+\bar{D}^{*0})$	18558	18301	1	25252
18560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \bar{K}^0D_s^{*+}D_1^-\psi')$	18559	18302	1	25253
18561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+})$	18560	18303	1	25254
18562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}D^0D_s^{*-})$	18561	18304	1	25255
18563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\pi^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^-D^+D_2^{*+}D_s^{*-}\Delta^0\bar{\Delta}^0)$	18562	18305	1	25256
18564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \rho^0\pi^+\pi^+\omega K^-D^-\chi_{c2})$	18563	18306	1	25257

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+n\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^+\bar{D}^{*-}n\bar{\Delta}^+)$	18564	18307	1	25258
18566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta D^-\bar{n}p, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\eta\bar{K}^0D^-D^-D^{*+}\bar{n}p)$	18565	18308	1	25259
18567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\eta K^0K^-D^+\bar{D}^{*-})$	18566	18309	1	25260
18568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^+, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\eta D^-\bar{D}^{*-}D_s^+)$	2280	2274	1	25261
18569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\chi_{c1}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-K^*D^{*+}\chi_{c1})$	18568	18311	1	25262
18570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0)$	18569	18312	1	25263
18571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\omega D^{*+}\bar{D}^{*-}D_s^+)$	18570	18313	1	25264
18572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}J/\psi, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}J/\psi)$	18571	18314	1	25265
18573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+})$	18572	18315	1	25266
18574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^{*-}D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+K^0K^-K^{*-}D^+D^-\bar{D}^{*0})$	18573	18316	1	25267
18575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-D^+\bar{D}^0D_s^+)$	18574	13833	1	25268
18576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \eta\bar{K}^*D^+D^-$ $(e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^*D^+D^-D_2^{*+})$	18575	18317	1	25269
18577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\eta K^*K^-D^+$ $(e^+e^- \to \pi^0\eta K^0K^*K^-K^-D^+\bar{D}^0D_s^{*+})$	18576	18318	1	25270
18578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to D^-D_s^+J/\psi\bar{K}_1^0)$	18577	18319	1	25271
18579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta'D^{*+}\bar{D}^{*-}D_s^{*+})$	18578	18320	1	25272
18580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+D^-\bar{D}^{*-})$	18579	18321	1	25273
18581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^0\bar{K}^0K^+K^{*-}D^-D^{*0})$	18580	18322	1	25274

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{K}^0\eta_c, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\eta\bar{K}^0 D^+ D_s^- \eta_c)$	18581	18323	1	25275
18583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\omega\bar{D}^{*-}D^0)$	18582	18324	1	25276
18584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^0\bar{D}^0 D_s^{*+})$	18583	18325	1	25277
18585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega\bar{\Sigma}^-\Xi_c^+$ $(e^+e^- \to e^+\nu_e\pi^0\eta\omega\bar{D}^{*-}\bar{\Sigma}^-\Xi_c^+)$	18584	18326	1	25278
18586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	18585	18327	1	25279
18587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-\bar{K}^0K^+D^-D^{*+})$	18586	18328	1	25280
18588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-})$	18587	18329	1	25281
18589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to K^*D^-D^{*+}D^0p\bar{\Delta}^+)$	18588	18330	1	25282
18590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}p\bar{\Xi}_c'^-)$	18589	18331	1	25283
18591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^{*-})$	2281	2275	1	25284
18592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0p\bar{\Delta}^+)$	18591	18333	1	25285
18593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \eta K^-D^+\bar{D}^0$ $(e^+e^- \to \eta\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	18592	18334	1	25286
18594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^-\bar{D}^0D_s^{*+}\bar{n}\Sigma_c^0)$	18593	18335	1	25287
18595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta'D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0\eta'D^-D^{*0}\bar{D}^{*0})$	18594	18336	1	25288
18596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-)$	18595	18337	1	25289
18597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^*D^-, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^*K^-D^-\bar{D}^0D^{*0})$	18596	18338	1	25290
18598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\eta\eta K^0K^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta K^0\bar{K}^0K^*K^{*-}D^{*+})$	18597	18339	1	25291

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^- D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\bar{K}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^- D_s^+)$	18598	18340	1	25292
18600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\eta D^{*+}\bar{D}^{*-})$	2282	2276	1	25293
18601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-})$	18600	18342	1	25294
18602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	18601	18343	1	25295
18603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^- D^0)$	18602	18344	1	25296
18604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+ D^-)$	18603	18345	1	25297
18605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega D^{*0} n\bar{\Sigma}_c^{*0})$	18604	18346	1	25298
18606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0 D^+\bar{D}^{*-})$	18605	18347	1	25299
18607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^0, \bar{B}^0 \to \pi^0 D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^0 K^0 D^+ D^0\bar{D}^0\Delta^0\bar{p})$	18606	18348	1	25300
18608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0 D^{*+}\bar{D}^{*-}D_s^{*-})$	18607	18349	1	25301
18609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^0\bar{n}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*-}D^0\bar{n}\bar{n}p\Lambda)$	18608	18350	1	25302
18610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+ D^-)$	18609	18351	1	25303
18611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{K}^0 K^+ D^-, B^0 \to K^* D^+ D^-$ $(e^+e^- \to \bar{K}^0 K^* K^+ D^+ D^- D^-)$	18610	18352	1	25304
18612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-}a_1^-)$	18611	18353	1	25305
18613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^- D^-\bar{\Delta}^0\Delta^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^- D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^{++})$	18612	18354	1	25306
18614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, B^0 \to \pi^0\pi^+\omega K^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^0 D^- D_s^{*+}D_s^{*-})$	18613	18355	1	25307
18615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^- D^+\bar{D}^{*-})$	18614	18356	1	25308

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega D^+ D^{*+})$	18615	10613	1	25309
18617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+ D^-\bar{D}^{*-})$	18616	18357	1	25310
18618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ J/\psi, \bar{B}^0 \to D^+ D_{s0}^{*-}$ $(e^+e^- \to \rho^- K^+ D^+ J/\psi D_{s0}^{*-})$	18617	18358	1	25311
18619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- \bar{n}p, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^* D^- J/\psi\bar{n}p)$	18618	18359	1	25312
18620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- K^- K^{*+} D^{*+}, \bar{B}^0 \to \pi^+\rho^- K^* K^{*-} D^+$ $(e^+e^- \to \pi^+\rho^-\rho^- K^* K^- K^{*+} K^{*-} D^+ D^{*+})$	18619	18360	1	25313
18621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^- \Delta^+ \bar{\Sigma}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+ D_s^- \Delta^+ \bar{\Sigma}^{*0})$	18620	18361	1	25314
18622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+ D^+ D_s^{*-})$	18621	18362	1	25315
18623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^- K^{*+}\eta_c, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^{*+}\bar{D}^{*-}\eta_c)$	18622	18363	1	25316
18624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0} n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^- D^{*+} D^{*0} n\bar{n})$	18623	18364	1	25317
18625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+ D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+ D^-\bar{D}^{*-})$	18624	18365	1	25318
18626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^0$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+ D^0 D_0^{*-})$	18625	18366	1	25319
18627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- D^-\bar{\Delta}^- p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^- D^-\bar{\Delta}^- p)$	18626	18367	1	25320
18628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+\bar{D}^{*0})$	18627	18368	1	25321
18629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}\bar{n}\Sigma^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+ D^{*0}\bar{n}\Sigma^{*0})$	18628	18369	1	25322
18630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\rho^0\rho^- K^0\bar{K}^0 K^{*+} D^+\bar{D}^{*-} D^{*0})$	18629	18370	1	25323
18631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^- D_2^{*+}\bar{D}^0)$	18630	18371	1	25324
18632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0 K^{*-} D^+ D^-)$	18631	18372	1	25325

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^- p\bar{p}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta D^+ D^- D_s^{*-} p\bar{p})$	18632	18373	1	25326
18634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^0 \bar{D}^{*0} p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- K^0 D^+ \bar{D}^{*0} p\bar{p})$	18633	18374	1	25327
18635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^+ \bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \omega K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\omega\bar{K}^0 K^+ K^- D^+ \bar{D}^{*-} \bar{D}^{*0} n\bar{n})$	18634	18375	1	25328
18636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau \bar{D}^{*-} D_2^{*-})$	18635	18376	1	25329
18637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^0\bar{D}^0)$	18636	18377	1	25330
18638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to K^* D^+ \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e K^* D^+ D^- \bar{D}^{*-})$	18637	17219	1	25331
18639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^- K^+ K^- D^- D^{*+} D_s^+)$	18638	18378	1	25332
18640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}\bar{D}^{*0}\bar{p}\Delta^+)$	18639	18379	1	25333
18641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	18640	18380	1	25334
18642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^+ \bar{D}^{*-} D_0^{*+})$	18641	18381	1	25335
18643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^+\bar{\Xi}_c^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\omega D^+\Delta^+\bar{\Xi}_c^-)$	18642	18382	1	25336
18644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-})$	18643	18383	1	25337
18645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^+ D_0^{*-})$	18644	18384	1	25338
18646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\rho^-\bar{n}p\Sigma_c^0\bar{\Sigma}_c^0)$	18645	18385	1	25339
18647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^+, B^0 \to \rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-} D_s^+)$	18646	18386	1	25340
18648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^{*+}\bar{D}^0 D_s^{*+})$	18647	18387	1	25341
18649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^- D^- D^{*+} D_s^{*+})$	18648	14737	1	25342

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	18649	18388	1	25343
18651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D^{*+}\gamma)$	18650	18389	1	25344
18652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^0\eta\omega K^-D^{*+}$ $(e^+e^- \to \rho^0\eta\omega K^-D^+D^{*+}\bar{D}^{*-}\gamma)$	18651	18390	1	25345
18653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^0D_s^{*+})$	18652	18391	1	25346
18654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0K^+K^+K^{*-}D^-D^0)$	18653	18392	1	25347
18655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^+D^-)$	18654	18393	1	25348
18656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^0, \bar{B}^0 \to \pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^0K^-D^{*+}D^0)$	18655	18394	1	25349
18657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^0D_s^{*+})$	18656	18395	1	25350
18658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	18657	18396	1	25351
18659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^{*+}D_{s1}^-)$	18658	18397	1	25352
18660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-D^{*+}D_2^{*-})$	18659	18398	1	25353
18661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-})$	18660	18399	1	25354
18662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \rho^0\rho^+K^-D^+D^-\Delta^0\bar{\Xi}_c^0)$	18661	18400	1	25355
18663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-D^{*+})$	18662	18401	1	25356
18664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}D^{*+})$	18663	18402	1	25357
18665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	18664	18403	1	25358
18666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{n}p)$	18665	18404	1	25359

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\rho^+\eta K^0K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\eta K^0K^{*-}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	18666	18405	1	25360
18668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	18667	18406	1	25361
18669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta D^+D^+)$	18668	18407	1	25362
18670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^0K^{*-}D^+\bar{D}^{*-})$	18669	18408	1	25363
18671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}a_1^+)$	18670	18409	1	25364
18672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\eta' D^{*+}\bar{D}^{*-})$	18671	18410	1	25365
18673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^{*+}\Sigma^0, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^0)$	18672	18411	1	25366
18674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}D_2^{*+})$	18673	18412	1	25367
18675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+\pi^-D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^-D^+\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{--})$	18674	18413	1	25368
18676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}\bar{n}p)$	18675	18414	1	25369
18677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\eta D^+\bar{D}^{*-}n\bar{p})$	18676	18415	1	25370
18678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta' D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta\eta' D^-D^{*+})$	18677	18416	1	25371
18679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+n\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^+D^-n\bar{\Delta}^0)$	18678	18417	1	25372
18680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^0\pi^+K^{*-}J/\psi$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+K^{*-}J/\psi D_1^-)$	18679	18418	1	25373
18681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-\eta\omega K^0\bar{D}^0)$	18680	18419	1	25374
18682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{D}^{*-}D_2^{*+}\gamma)$	18681	18420	1	25375
18683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	18682	18421	1	25376

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \rho^-\eta D^+\gamma$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^+D^-\gamma)$	18683	18422	1	25377
18685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta K^0D^{*+}\bar{D}^{*-}D^{*0})$	18684	18423	1	25378
18686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-D_0^{*+})$	18685	18424	1	25379
18687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+K^*K^-D^{*+}\bar{D}^{*-})$	18686	18425	1	25380
18688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega\omega K^0K^-D^+\bar{D}^{*-})$	18687	18426	1	25381
18689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	18688	18427	1	25382
18690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-\eta_c)$	18689	18428	1	25383
18691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^*K^{*-}D^+D^-)$	18690	18429	1	25384
18692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^0K^{*-}D^+D^+)$	2283	2277	1	25385
18693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^*D^+\bar{D}^{*-}D^{*0})$	18692	18431	1	25386
18694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\omega D^-D^{*+}a_1^-)$	18693	18432	1	25387
18695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^+\omega D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\omega D^-D_1'^-)$	18694	18433	1	25388
18696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0}a_1^+)$	18695	18434	1	25389
18697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+D^-\bar{D}^{*-})$	18696	18435	1	25390
18698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}D^{*0}D_s^{*+})$	18697	18436	1	25391
18699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega D^-D^0)$	18698	18437	1	25392
18700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	18699	18438	1	25393

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+K^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\rho^+K^-D^-D_s^+)$	18700	18439	1	25394
18702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}n\bar{n})$	18701	18440	1	25395
18703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^{*-}D^+D^+\bar{D}^0)$	2284	2278	1	25396
18704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+\Sigma^{*0}\bar{\Xi}_c'^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}_c'^-)$	18703	18442	1	25397
18705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^{*+}n\bar{\Sigma}_c^-)$	18704	18443	1	25398
18706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1^+, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^{*+}D_s^-D_1^+)$	18705	18444	1	25399
18707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0K^+D^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0K^+D^+D^{*+})$	18706	18445	1	25400
18708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\omega\bar{K}^*K^{*+}D^-$ $(e^+e^- \to \pi^0\omega\bar{K}^*K^{*+}D^-D^-D_s^{*+})$	18707	18446	1	25401
18709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^+K^-D^-D^{*0})$	18708	18447	1	25402
18710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D_s^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_s^+n\bar{p})$	18709	18448	1	25403
18711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-K^*K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^+\rho^-K^*K^-D^+\bar{D}^{*-})$	18710	18449	1	25404
18712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega\bar{K}^*K^+K^-K^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega\bar{K}^*K^+K^-K^{*+}\bar{D}^{*-})$	18711	18450	1	25405
18713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega\omega\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0})$	18712	18451	1	25406
18714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	18713	18452	1	25407
18715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^-D^{*+}\bar{\Delta}^-\Delta^0)$	18714	18453	1	25408
18716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}\bar{n}p)$	18715	18454	1	25409
18717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0\bar{K}^0D^+D^-)$	18716	18455	1	25410

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^- p\bar{\Xi}_c^{\prime 0}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}p\bar{\Xi}_c^{\prime 0})$	18717	18456	1	25411
18719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\eta\eta\omega\omega D^+D^-)$	2285	2279	1	25412
18720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	18719	18458	1	25413
18721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^0D^+D^{*+}\bar{D}^{*-})$	18720	18459	1	25414
18722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	18721	18460	1	25415
18723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-D_s^{*+}D_1^-)$	18722	18461	1	25416
18724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to K^-\bar{\Lambda}\Lambda_c^+$ $(e^+e^- \to K^+K^-D^-D^0\bar{\Lambda}\Lambda_c^+)$	18723	18462	1	25417
18725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}n\bar{n})$	18724	18463	1	25418
18726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-\eta K^0D^+D^0\bar{D}^{*0})$	18725	18464	1	25419
18727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta K^+K^-K^{*+}D^+D^+\bar{D}^{*-})$	18726	18465	1	25420
18728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \rho^+D^-D^0n\bar{\Delta}^0)$	18727	18466	1	25421
18729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^0K^0K^-\phi D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^0K^-\phi D^{*+}D_2^{*-})$	18728	18467	1	25422
18730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^*K^-D^+D^-)$	18729	18468	1	25423
18731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^*D^-D^{*+})$	18730	18469	1	25424
18732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0\bar{K}^0K^{*+}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\bar{K}^0\bar{K}^0K^{*+}D^+D^+)$	18731	18470	1	25425
18733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^{\prime +}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0\chi_{c0}D_1^{\prime +})$	18732	18471	1	25426
18734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^+K^-D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+K^-D^-D^-D^{*+})$	18733	18472	1	25427

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	18734	18473	1	25428
18736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, B^0 \to \pi^0\rho^0\bar{K}^0K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\bar{K}^0K^+D^-D^-)$	18735	18474	1	25429
18737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega n\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^{*+}n\bar{\Lambda}_c^-)$	18736	18475	1	25430
18738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0D^{*+}D_s^-$ $(e^+e^- \to K^0\bar{K}^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	18737	18476	1	25431
18739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\rho^-\eta\eta\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\eta D^-D^0)$	18738	18477	1	25432
18740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+\Lambda\bar{\Sigma}_c^0)$	18739	18478	1	25433
18741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^+K^-K^-\bar{D}^{*-}D^0\bar{D}^0)$	2286	2280	1	25434
18742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0D^-D^{*0}, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\eta K^0D^-D^0D^{*0}\Delta^0\bar{\Delta}^0)$	18741	18480	1	25435
18743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^+D^-D_s^{*+})$	18742	18481	1	25436
18744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}D^{*0}D_s^-)$	18743	18482	1	25437
18745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^*K^-D^+D^-)$	18744	18483	1	25438
18746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^+D^+\bar{D}^{*-})$	18745	18484	1	25439
18747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+\eta\eta\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta\eta\eta\omega D^-\bar{D}^{*-})$	18746	18485	1	25440
18748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	18747	18486	1	25441
18749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^-\pi^-D^-\bar{\Delta}^-\Delta^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^+)$	18748	18487	1	25442
18750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}\bar{D}^{*-}\bar{n}p)$	18749	18488	1	25443
18751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to K_SJ/\psi$ $(e^+e^- \to \pi^+K_SD^-J/\psi)$	18750	18489	1	25444

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+\bar{D}^{*-})$	18751	18490	1	25445
18753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^*J/\psi, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to K^0\bar{K}^*J/\psi\bar{K}_1^0\psi')$	18752	18491	1	25446
18754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to D^{*+}D^{*+}D_s^{*-}D_{s0}^{*-})$	18753	18492	1	25447
18755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-D^-D_1^-)$	18754	18493	1	25448
18756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\rho^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega D^{*0}\bar{D}^{*0})$	18755	18494	1	25449
18757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D_s^+\bar{n}\Sigma^-$ $(e^+e^- \to \rho^+\eta D^-D_s^+\bar{n}\Sigma^-)$	18756	18495	1	25450
18758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+}n\bar{\Delta}^0)$	18757	18496	1	25451
18759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_2^{*-}D_s^+)$	18758	18497	1	25452
18760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^+K^-\eta_c$ $(e^+e^- \to \pi^0\pi^+K^*K^-D^+D^-\eta_c)$	18759	18498	1	25453
18761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D^-, \bar{B}^0 \to \pi^0\pi^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-D^+D^+D^-\bar{D}^{*0})$	18760	18499	1	25454
18762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^0\bar{K}^*D^+D^-)$	18761	18500	1	25455
18763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-})$	18762	18501	1	25456
18764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\bar{K}^0K^-D^+D^0\bar{D}^{*0})$	18763	18502	1	25457
18765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\omega K^0K^0\bar{K}^0D^{*+}D^0\bar{D}^0)$	18764	18503	1	25458
18766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^+D^+\eta_c)$	18765	18504	1	25459
18767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	18766	17267	1	25460
18768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^{*0}\bar{p}\Lambda$ $(e^+e^- \to \pi^+\rho^+\eta\eta\eta\bar{D}^{*-}D^{*0}\bar{p}\Lambda)$	18767	18505	1	25461

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-D^+D^-)$	18768	18506	1	25462
18770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to K^+\bar{p}\Omega_c^0$ $(e^+e^- \to e^-\bar{\nu}_eK^+D^+\bar{p}\Omega_c^0)$	18769	18507	1	25463
18771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^+\bar{D}^{*-})$	18770	18508	1	25464
18772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu D^-D^{*+}\Delta^-\bar{\Delta}^0)$	2287	2281	1	25465
18773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^+K^-K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^+K^-K^{*-}D^+\bar{D}^{*-})$	18772	18510	1	25466
18774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to K^0D^+D^+\bar{D}^{*-}n\bar{p})$	18773	18511	1	25467
18775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \pi^0n\bar{\Sigma}_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0n\bar{\Sigma}_c^{*0}D_1^-)$	18774	18512	1	25468
18776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	18775	18513	1	25469
18777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^0D^+D^-D^{*+})$	18776	18514	1	25470
18778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D_2^{*+}D_s^{*-})$	18777	18515	1	25471
18779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \rho^0\rho^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\eta\eta\omega D^-\bar{D}^{*-})$	18778	18516	1	25472
18780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}D^0D_s^{*-})$	18779	18517	1	25473
18781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-D^{*+}D^0)$	18780	18518	1	25474
18782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^*D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^+D^{*0})$	18781	18519	1	25475
18783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}D^{*0})$	18782	18520	1	25476
18784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Sigma^{*0}\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega K^{*+}D^{*+}\Sigma^{*0}\bar{\Sigma}_c^{*-})$	18783	18521	1	25477
18785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-\eta'D^-D^{*+}\bar{D}^{*0})$	18784	18522	1	25478

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*n\bar{\Lambda}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^+nn\bar{p}\bar{\Lambda})$	18785	18523	1	25479
18787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-\eta'D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^*K^+K^-\eta'D^+\bar{D}^{*-})$	2288	2282	1	25480
18788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}D_2^{*-}D_s^{*+})$	18787	18525	1	25481
18789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	18788	18526	1	25482
18790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\eta\omega\omega D^-D^{*+})$	18789	18527	1	25483
18791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \eta\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\eta\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}\Sigma^0\bar{\Sigma}^0)$	18790	18528	1	25484
18792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\eta\eta D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\eta D^{*+}D^0D_s^{*-})$	18791	18529	1	25485
18793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau K^*K^-D^{*+}\bar{D}^{*-})$	18792	18530	1	25486
18794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to e^+\nu_eX_u^-$ $(e^+e^- \to e^+\nu_eX_u^-\bar{D}^{*-}D_{s1}'^+)$	18793	18531	1	25487
18795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\omega D^+\bar{D}^{*-})$	18794	18532	1	25488
18796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^0D_s^{*+})$	18795	18533	1	25489
18797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\omega D^{*+}\bar{D}^{*-})$	18796	18534	1	25490
18798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+J/\psi, B^0 \to \pi^0\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^+K^+D^-J/\psi)$	18797	18535	1	25491
18799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega K^0\bar{K}^*D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\omega K^0\bar{K}^*D^+D^-)$	18798	18536	1	25492
18800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^*D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^0D_{s1}'^+)$	18799	18537	1	25493
18801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^0)$	2289	2283	1	25494
18802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\bar{D}^0, B^0 \to \pi^0\pi^+K^*K^+K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^*K^+K^{*-}D^-\bar{D}^0)$	18801	18539	1	25495

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*0})$	18802	18540	1	25496
18804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}p\bar{p}\bar{p}\Delta^+)$	18803	18541	1	25497
18805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}D^{*0})$	18804	18542	1	25498
18806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\Delta^+\bar{\Lambda}_c^-, B^0 \to \rho^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\eta D^-\Delta^+\bar{\Lambda}_c^-)$	18805	18543	1	25499
18807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^+D^-)$	18806	18544	1	25500
18808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\eta\eta K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\eta\eta K^0K^{*-}\bar{D}^{*-}D^0D_s^{*-})$	18807	18545	1	25501
18809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau D^-D^{*+}\bar{D}^{*-})$	18808	18546	1	25502
18810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-D^{*+}\Delta^-\bar{n}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D^{*+}\Delta^-\bar{n})$	2290	2284	1	25503
18811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \rho^-\omega K^+K^-\eta'D^+$ $(e^+e^- \to \rho^-\omega K^+K^-\eta'D^+D^-\bar{\Delta}^+\Delta^{++})$	18810	18548	1	25504
18812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^+, \bar{B}^0 \to \pi^+\eta\eta K^0K^-\eta'D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\eta K^0K^-\eta'D^+D^{*0})$	18811	18549	1	25505
18813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega D^{*+}D^{*0}D_s^-)$	18812	18550	1	25506
18814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^0D^+\bar{D}^{*0})$	18813	18551	1	25507
18815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to \bar{K}^*K^+\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma^+)$	18814	18552	1	25508
18816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^*D^-)$	18815	18553	1	25509
18817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^*D^{*+}J/\psi)$	18816	18554	1	25510
18818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^-D^{*+}D_s^+)$	18817	18555	1	25511
18819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi', \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0K^0\psi')$	18818	18556	1	25512

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D_2^{*-}D^{*0}D_s^+)$	18819	18557	1	25513
18821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to K^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+\bar{n}\Xi_c'^0)$	18820	18558	1	25514
18822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^-\bar{D}^{*-}\bar{n}p\bar{\Delta}^+\Sigma_c^{++})$	18821	18559	1	25515
18823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	18822	18560	1	25516
18824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}J/\psi)$	18823	18561	1	25517
18825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to e^+\nu_eK^+D^-D^{*0}D_1^-)$	18824	18562	1	25518
18826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-D^+D^+D_s^-)$	18825	18563	1	25519
18827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^-D^+D^-)$	18826	18564	1	25520
18828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	18827	18565	1	25521
18829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^+K^-D^-D^{*+}D^{*0})$	18828	18566	1	25522
18830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^+\omega\bar{K}^0K^*K^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^0K^*K^{*-}D_2^{*+}D_s^-)$	18829	18567	1	25523
18831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	18830	3976	1	25524
18832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\eta\omega D^+\bar{D}^{*-}\gamma)$	18831	18568	1	25525
18833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0D^+n\bar{p}\Delta^+\bar{\Sigma}_c^0)$	18832	18569	1	25526
18834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}p\bar{p})$	18833	18570	1	25527
18835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0J/\psi$ $(e^+e^- \to \rho^0\rho^+\eta\bar{D}^{*-}J/\psi)$	18834	18571	1	25528
18836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^-D^{*+}\bar{D}^0D_s^{*+})$	18835	18572	1	25529

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-\bar{p}\Sigma_c^{*++})$	18836	18573	1	25530
18838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^-K^{*-}D^{*+}\bar{D}^{*0}p\bar{\Sigma}_c^0)$	18837	18574	1	25531
18839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^+D^-D_s^{*+})$	18838	18575	1	25532
18840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^{*+}\bar{D}^{*-})$	18839	18576	1	25533
18841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^{*+}D^+D^+\bar{D}^{*-}n\bar{p})$	18840	18577	1	25534
18842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0D^-\eta_c)$	18841	18578	1	25535
18843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^+D_1^-)$	18842	18579	1	25536
18844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+K^0D^-D^{*+})$	18843	18580	1	25537
18845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+\bar{D}^{*-}a_1^-D_{s1}'^+)$	18844	18581	1	25538
18846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}\gamma)$	18845	18582	1	25539
18847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\omega D^-D^{*+})$	18846	18583	1	25540
18848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\eta'D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta'D^-\Delta^+\bar{\Sigma}_c^-)$	18847	18584	1	25541
18849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D_2^{*+}J/\psi)$	18848	18585	1	25542
18850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+K^*K^-D^+D^-)$	18849	18586	1	25543
18851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0D^+n\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-D^+\bar{D}^{*0}n\bar{\Delta}^+)$	18850	18587	1	25544
18852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}, \bar{B}^0 \to \rho^+\rho^-\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0K^-K^{*+}D^{*+}D^{*0})$	18851	18588	1	25545
18853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^-\bar{K}^*K^+D^{*+}D_1'^-)$	18852	18589	1	25546

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta'\bar{D}^{*-}\bar{n}\Sigma_c^{*0})$	18853	18590	1	25547
18855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+K^-\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\rho^-\rho^-\omega K^-\bar{D}^{*-}\bar{D}^0D^{*0})$	18854	18591	1	25548
18856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-}D_2^{*-}n\bar{n})$	18855	18592	1	25549
18857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-K^*\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\rho^0\pi^+\rho^-K^*\bar{D}^{*0})$	18856	18593	1	25550
18858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*0}a_1^+)$	18857	18594	1	25551
18859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to K^{*-}\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to \eta\bar{K}^*K^{*+}K^{*-}D^-\bar{\Lambda}\Sigma_c^+)$	18858	18595	1	25552
18860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^-D^{*+})$	18859	18596	1	25553
18861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^+K^{*-}D^+n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+K^{*-}D^+D^{*+}n\bar{p})$	18860	18597	1	25554
18862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0D^+D_s^-D_1'^-)$	18861	18598	1	25555
18863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta\omega K^0\bar{K}^0\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	18862	18599	1	25556
18864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega D^{*+}D_1'^-)$	18863	18600	1	25557
18865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-})$	18864	18601	1	25558
18866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta D^+D^-)$	18865	18602	1	25559
18867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \pi^+\omega D^0D_s^-$ $(e^+e^- \to \pi^+\omega\bar{K}^*K^-D^{*+}D^0D_s^-)$	18866	18603	1	25560
18868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-\bar{K}^*K^{*+}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\phi$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0\bar{K}^*K^{*+}\phi D_s^{*+})$	18867	18604	1	25561
18869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to D_s^-D_1^+\gamma$ $(e^+e^- \to K^-D^{*+}\bar{D}^0D_s^-D_1^+\gamma)$	18868	18605	1	25562
18870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\omega D^-D^{*+})$	18869	18606	1	25563

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	18870	18607	1	25564
18872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu K_S D^- J/\psi)$	18871	18608	1	25565
18873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_{s1}'^+)$	18872	18609	1	25566
18874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}, \bar{B}^0 \to \omega K^{*-}\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to \rho^0\pi^-\omega\omega K^{*-}D^{*+}\bar{\Sigma}^0\Sigma^+)$	18873	18610	1	25567
18875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{p}\Sigma_c^+, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^+$ $(e^+e^- \to \omega\bar{K}^0K^-\bar{D}^{*0}D_s^+\bar{p}\Sigma_c^+)$	18874	18611	1	25568
18876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^0D_s^{*-})$	18875	18612	1	25569
18877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}\bar{p}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\omega\bar{D}^{*-}D^0\bar{p}\Delta^+)$	18876	18613	1	25570
18878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+D^-, B^0 \to \pi^0K^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0D^+D^-\bar{D}^{*-})$	459	459	1	25571
18879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta K^0\bar{K}^0D^{*+}D_1'^-)$	18878	18615	1	25572
18880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^0)$	18879	18616	1	25573
18881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^{*+}D^+D^-D^0D_s^{*-})$	18880	18617	1	25574
18882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_s^{*-}\gamma)$	18881	18618	1	25575
18883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau D^-D^-)$	18882	18619	1	25576
18884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0K^0\bar{K}^*, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^0K^0\bar{K}^*D^{*+}D_{s0}^{*-})$	18883	18620	1	25577
18885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^*K^{*-}D^+D^{*+}\bar{D}^0)$	18884	18621	1	25578
18886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^-D^{*+})$	18885	18622	1	25579
18887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-D^+D^{*0})$	18886	18623	1	25580

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*0})$	18887	18624	1	25581
18889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	18888	18625	1	25582
18890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	18889	6234	1	25583
18891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \rho^+\eta\omega\bar{K}^0K^+K^-\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+)$	18890	18626	1	25584
18892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^-\eta\omega\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega D^+\bar{\Delta}^+\Sigma_c^{++})$	18891	18627	1	25585
18893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta'D^{*+}\bar{D}^{*-})$	18892	18628	1	25586
18894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^+D_s^-)$	18893	18629	1	25587
18895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^0K^-D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	18894	18630	1	25588
18896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^+D^{*+})$	18895	18631	1	25589
18897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0\bar{K}^*K^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0\bar{K}^*K^+D^-n\bar{\Delta}^+)$	18896	18632	1	25590
18898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*0})$	18897	18633	1	25591
18899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}D_1^+)$	18898	18634	1	25592
18900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+\bar{D}^{*-}\bar{p}\Lambda, \bar{B}^0 \to \pi^0K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^+K^+K^-K^{*+}\bar{D}^{*-}D^{*0}\bar{p}\Lambda)$	18899	18635	1	25593
18901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^*K^-\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^*K^-\eta'D^-D_1^+)$	2292	2286	1	25594
18902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^*, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0K^*K^-D^{*+})$	18901	18637	1	25595
18903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^+\omega\bar{n}\Delta^+\Sigma_c^0\bar{\Sigma}_c^{--})$	18902	18638	1	25596
18904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0K^+\bar{D}^{*-}, B^0 \to \eta\omega\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \rho^0\rho^0\eta\omega K^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	18903	18639	1	25597

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega\bar{K}^0K^+D^-D_0^{*+})$	18904	18640	1	25598
18906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+}D_s^-)$	18905	18641	1	25599
18907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^+\gamma$ $(e^+e^- \to \rho^-\omega K^*D^+\bar{D}^{*0}\gamma)$	18906	18642	1	25600
18908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-D^{*+}D_1'^-)$	18907	18643	1	25601
18909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^-D_2^{*+}\bar{D}^0D_s^-D_s^{*+})$	18908	18644	1	25602
18910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1^+)$	18909	18645	1	25603
18911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^+\pi^+\pi^-D^+\Delta^-\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^-K^*D^+J/\psi\Delta^-\bar{\Delta}^+)$	18910	18646	1	25604
18912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^+\rho^-K^*K^-D^+$ $(e^+e^- \to \rho^+\rho^-K^*K^-D^+D^-\bar{\Sigma}^0\Sigma^+)$	18911	18647	1	25605
18913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+K^+K^-D^-D^{*+})$	18912	18648	1	25606
18914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0D^+D^-, \bar{B}^0 \to \bar{K}^0K^*D^0$ $(e^+e^- \to \pi^0\omega K^0\bar{K}^0K^*D^+D^-D^0)$	18913	18649	1	25607
18915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+D_s^{*+}D_1'^-)$	18914	18650	1	25608
18916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	18915	18651	1	25609
18917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\eta D^+D^-)$	18916	18652	1	25610
18918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^-\eta\bar{K}^*D^-D^{*+}D^{*+})$	18917	18653	1	25611
18919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}\bar{D}^0\Delta^-\bar{n})$	18918	18654	1	25612
18920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega K^0K^-D^{*+}\bar{D}^{*-})$	18919	18655	1	25613
18921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-})$	18920	18656	1	25614

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\eta\omega D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\omega\bar{K}^0D^{*+}D^0)$	18921	18657	1	25615
18923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-D^{*0}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta D^-D^0D^{*0}D_s^-)$	18922	18658	1	25616
18924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0\bar{K}^0D^-D^{*+})$	18923	18659	1	25617
18925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^{*0}\Delta^0\bar{\Sigma}^+)$	18924	18660	1	25618
18926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*0}n\bar{n})$	18925	18661	1	25619
18927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to K^*\bar{K}^*K^-D^+D^+D^-)$	18926	18662	1	25620
18928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^+D^-D^{*+})$	18927	18663	1	25621
18929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-K^*\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-K^*\bar{D}^{*-}\bar{D}^0)$	18928	18664	1	25622
18930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	18929	16050	1	25623
18931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	2293	2287	1	25624
18932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^-D^{*0}\Delta^0\bar{\Sigma}^+)$	18931	18666	1	25625
18933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega D^{*+}D_2^{*-}D_s^{*+})$	18932	18667	1	25626
18934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-n\bar{n}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-D^+D^-\bar{D}^{*0}n\bar{n})$	18933	18668	1	25627
18935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^-\bar{D}^0D^{*0}D_s^{*+})$	2294	2288	1	25628
18936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+D^+\bar{D}^{*-}\bar{D}^{*-})$	18935	18670	1	25629
18937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	18936	18671	1	25630
18938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\Lambda\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^-D^{*+}\Lambda\bar{\Lambda})$	18937	18672	1	25631

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-D^+\bar{D}^{*-}\bar{p}\Delta^+)$	18938	18673	1	25632
18940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	18939	18674	1	25633
18941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta D^+D^{*+})$	18940	18675	1	25634
18942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^+K^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^-\rho^+K^0\bar{D}^{*-}\bar{D}^0D^{*0}D_s^{*+})$	18941	18676	1	25635
18943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^-D^+D_2^{*-}D_s^{*+})$	18942	18677	1	25636
18944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\bar{K}^0K^{*+}\bar{D}^{*-}D_1'^+)$	18943	18678	1	25637
18945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \rho^-\bar{K}^0D^+D^{*+}\bar{D}^0\Delta^-\bar{\Delta}^0)$	18944	18679	1	25638
18946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}\bar{p}\Lambda_c^+)$	18945	18680	1	25639
18947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	2295	2289	1	25640
18948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^+)$	18947	18682	1	25641
18949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta'D^0\bar{D}^0)$	2296	2290	1	25642
18950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \rho^0\rho^+\omega D^-D^{*+}\Delta^-\bar{n})$	18949	18684	1	25643
18951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^*K^-D^{*+}\bar{D}^{*-})$	18950	18685	1	25644
18952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^+D^-\gamma, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to K^-D^+D^-\bar{\Delta}^+\Sigma_c^{++}\gamma)$	18951	18686	1	25645
18953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}J/\psi K_1^0)$	18952	18687	1	25646
18954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\pi^0\pi^+K^{*+}K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+K^{*+}K^{*-}D^-D^-D_s^+)$	18953	18688	1	25647
18955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\bar{n}\Sigma_c^0)$	18954	18689	1	25648

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to \pi^+\omega D^- D^0 n\bar{\Delta}^0)$	18955	18690	1	25649
18957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\omega\omega\bar{K}^0K^*D^+D^-)$	18956	18691	1	25650
18958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\rho^-\omega K^0\bar{K}^0D^{*+}D^{*+})$	18957	18692	1	25651
18959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-\gamma, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+D^-D^{*+}\gamma)$	18958	18693	1	25652
18960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D^{*-}_{s0}, \bar{B}^0 \to \pi^0D^+D^-_s$ $(e^+e^- \to \pi^0D^+D^{*+}D^-_sD^{*-}_{s0})$	18959	18694	1	25653
18961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+_sD^-_s$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D^+_sD^-_s)$	18960	18695	1	25654
18962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^0K^-D^{*+}_s$ $(e^+e^- \to \pi^0K^-\bar{D}^{*-}D^{*+}_sD'^+_{s1})$	18961	18696	1	25655
18963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^0)$	18962	18697	1	25656
18964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to D^-\bar{\Delta}^0p$ $(e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}\bar{\Delta}^0p)$	18963	18698	1	25657
18965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\omega D^-D^{*0})$	18964	18699	1	25658
18966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D^{*+}_s, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}D^{*+}_s)$	18965	18700	1	25659
18967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\eta\omega\bar{D}^{*-}D^{*0})$	18966	18701	1	25660
18968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^{*-}D^+_s$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*-}\bar{D}^{*-}D^+_s)$	18967	18702	1	25661
18969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-_1, \bar{B}^0 \to D^{*+}_2D^{*-}_s$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}_2D^{*-}_sD^-_1)$	18968	18703	1	25662
18970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^-\bar{K}^*K^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^*K^+K^-\bar{D}^{*-}\bar{D}^0)$	18969	18704	1	25663
18971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^{*+}_s, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^-D^+\bar{D}^{*-}D^{*+}_sp\bar{p})$	460	460	1	25664
18972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-D^-D^{*+})$	2298	2292	1	25665

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+\eta D^- D^{*+}\Delta^+\bar{\Delta}^{++})$	18972	18707	1	25666
18974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+K^{*-}D^-D^{*+}\bar{D}^0)$	18973	18708	1	25667
18975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\bar{K}^0D^-D^{*+}D_{s1}'^+)$	2299	2293	1	25668
18976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta K^*K^{*-}D^+D_2^{*-})$	18975	18710	1	25669
18977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+D^+D^-, B^0 \to \pi^+\rho^-\omega\omega K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-\rho^-\omega\omega K^+K^+D^+D^-\bar{D}^{*-})$	18976	18711	1	25670
18978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \omega K_2^{*0}J/\psi\bar{p}\Lambda_c^+)$	18977	18712	1	25671
18979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to K^0\bar{K}^0D^0\bar{D}^{*0}D_s^-D_s^{*+})$	18978	18713	1	25672
18980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^+D^-D^{*+}D^0a_1^-)$	18979	18714	1	25673
18981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^{*-}D^{*0})$	18980	18715	1	25674
18982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+}n\bar{n})$	2300	2294	1	25675
18983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^+D^{*+}D_s^{*-}\Delta^0\bar{\Sigma}_c^-)$	18982	18717	1	25676
18984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*0}\bar{n}\Delta^0)$	2301	2295	1	25677
18985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	18984	18719	1	25678
18986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to K^+\Lambda\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\omega K^+D^-\Lambda\bar{\Lambda}_c^-)$	18985	18720	1	25679
18987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}D_s^{*-})$	18986	18721	1	25680
18988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega K^0\bar{K}^0D^+D^-)$	18987	18722	1	25681
18989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^-\rho^-D^+\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to \pi^-\pi^-\rho^-D^+\bar{D}^0D_s^{*+}\bar{\Sigma}^0\Sigma^+)$	18988	18723	1	25682

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
18990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+D^-)$	18989	6762	1	25683
18991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-K^-D^+\bar{D}^{*-})$	18990	18724	1	25684
18992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta D^+D^-)$	18991	18725	1	25685
18993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\eta_c(2S), \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0K^0D^+a_1^-\eta_c(2S))$	18992	18726	1	25686
18994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi)$	18993	18727	1	25687
18995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^0D_{s1}'^+)$	18994	18728	1	25688
18996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	18995	18729	1	25689
18997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+D^-, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-\bar{D}^0)$	18996	18730	1	25690
18998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-K^-D^{*+}D^{*+}\bar{D}^0)$	18997	18731	1	25691
18999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-\phi D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^+K^*K^-\phi D^{*+}\bar{D}^{*-})$	18998	18732	1	25692
19000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega\eta' D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-\omega\eta' D^+D_1^+)$	18999	18733	1	25693
19001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^-D_2^{*+}D_s^{*+}D_1'^-)$	19000	18734	1	25694
19002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^-D^{*+}D^{*+})$	19001	18735	1	25695
19003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^0K^+K^-D^-D^{*+}D^{*0})$	19002	18736	1	25696
19004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}D^0D_s^-)$	19003	18737	1	25697
19005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+D_s^{*-}D_0^{*-})$	19004	18738	1	25698
19006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\eta', B^0 \to \rho^+D_1'^-$ $(e^+e^- \to K_L\rho^+\eta' D_1'^-)$	19005	18739	1	25699

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}D_s^-)$	19006	18740	1	25700
19008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^0\bar{D}^0\bar{D}^{*0})$	19007	18741	1	25701
19009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0K^0\bar{K}^0\bar{D}^0\bar{D}^0D^{*0})$	19008	18742	1	25702
19010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{n}\Xi_c^+, \bar{B}^0 \to \rho^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\rho^-\rho^-D^+\bar{n}\Xi_c^+)$	19009	18743	1	25703
19011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^*K^+D^-D^{*0}\bar{\Delta}^+\Sigma^{*+})$	19010	18744	1	25704
19012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^{*0}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*\eta'$ $(e^+e^- \to \pi^0\pi^0\bar{K}^*\eta'D^+\Sigma^-\bar{\Sigma}^{*0})$	19011	18745	1	25705
19013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+D^-)$	19012	18746	1	25706
19014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\rho^+\omega K^{*-}D^0$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega K^{*-}D^0\bar{D}^0D_s^{*+})$	19013	18747	1	25707
19015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-K^{*+}D^+\bar{D}^{*0})$	2302	2296	1	25708
19016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^{*-}D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-})$	19015	18749	1	25709
19017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\eta_c)$	19016	18750	1	25710
19018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^0, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\omega K^-D^+D^{*+}\bar{D}^0)$	19017	18751	1	25711
19019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^{*+}D^{*+}D^{*+}\bar{D}^{*-})$	19018	18752	1	25712
19020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\eta K^*D^-$ $(e^+e^- \to e^+\nu_e\pi^+\eta K^*D^-D^-)$	19019	18753	1	25713
19021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^*\bar{\Delta}^0\Omega_c^0$ $(e^+e^- \to K^*D^-D_s^{*+}\bar{\Delta}^0\Omega_c^0)$	19020	18754	1	25714
19022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+\bar{D}^{*-}a_1^+)$	19021	18755	1	25715
19023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \eta\bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \eta\bar{K}^0D^-D_s^{*+}D_s^{*-}a_1^+)$	19022	18756	1	25716

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \rho^0 K^* K^- \phi D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\eta K^* K^- \phi D^- D^{*+})$	19023	18757	1	25717
19025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\omega\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\eta\eta\omega\bar{K}^*\bar{D}^{*-}\bar{D}^{*-})$	19024	18758	1	25718
19026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to K^* J/\psi$ $(e^+e^- \to \tau^+\nu_\tau K^* D^- J/\psi)$	19025	18759	1	25719
19027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}\bar{\Delta}^+\Delta^{++}\gamma)$	19026	18760	1	25720
19028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^- K^{*+} D^- D^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^{*+} D^-\bar{D}^{*-} D^0)$	19027	18761	1	25721
19029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta D^0, \bar{B}^0 \to \pi^0\pi^+\eta K^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta K^- D^0 D^{*0})$	19028	18762	1	25722
19030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^* K^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^* K^+ D^- D^{*+})$	19029	18763	1	25723
19031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\omega D^- D^0 D_s^{*-})$	19030	18764	1	25724
19032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \rho^0 K^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 K^0 D^0\bar{D}^{*0} D_1^-)$	19031	18765	1	25725
19033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\bar{K}^* D^+ D^-\bar{D}^{*0})$	19032	18766	1	25726
19034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 K^+ D^-\bar{\Delta}^+\Sigma_c^+)$	19033	18767	1	25727
19035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+ K^0 K^- D^+ D^-)$	19034	18768	1	25728
19036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 K^- K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^- K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^0 K^- K^- K^{*+} D^+\bar{D}^0)$	2303	2297	1	25729
19037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^- K^{*+} D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 K^- K^{*+}\phi D^+ D^-)$	19036	18770	1	25730
19038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^+ D^-)$	19037	18771	1	25731
19039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^0\pi^- D^+\bar{D}^{*-})$	19038	18772	1	25732
19040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-} D_s^{*+})$	19039	18773	1	25733

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	19040	18774	1	25734
19042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-D^0, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^-D^{*+}D^0)$	19041	18775	1	25735
19043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*0})$	19042	18776	1	25736
19044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*\eta_c, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0K^*K^-D^{*+}\bar{D}^0\eta_c)$	461	461	1	25737
19045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta\bar{K}^0K^{*+}D^+D^-n\bar{p})$	19044	18778	1	25738
19046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^-\phi D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^+K^-\phi D^+D^-)$	2305	2299	1	25739
19047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta K^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^-D^{*+}D_s^{*+})$	19046	18780	1	25740
19048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega\omega K^+D^+\bar{D}^{*-}D^0)$	19047	18781	1	25741
19049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*0}n\bar{n})$	19048	18782	1	25742
19050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	19049	18783	1	25743
19051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0, \bar{B}^0 \to \rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\rho^-D^{*+}D^0)$	19050	18784	1	25744
19052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	19051	18785	1	25745
19053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta K^0D^{*+}n\bar{\Lambda}_c^-)$	19052	18786	1	25746
19054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^0\bar{K}^0D^{*+}\eta_c)$	19053	18787	1	25747
19055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^*K^+K^-K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\eta K^*K^+K^-K^{*-}D^+\bar{D}^{*-})$	19054	18788	1	25748
19056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D_2^{*-}D^0)$	19055	18789	1	25749
19057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\phi D^+\bar{D}^{*-}D_s^{*+})$	19056	18790	1	25750

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+, \bar{B}^0 \to \pi^- K^0\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0\phi D^+D^+)$	19057	18791	1	25751
19059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\eta K^0\bar{K}^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta\eta K^0\bar{K}^0 D^-D^{*+})$	19058	18792	1	25752
19060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^+\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}\bar{\Delta}^0\Sigma^{*-})$	19059	18793	1	25753
19061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^+\eta\eta\omega K^- D^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\eta\omega\bar{K}^*K^-K^{*+}D^-D^{*0})$	19060	18794	1	25754
19062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}D_2^{*-})$	19061	18795	1	25755
19063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega K^{*+}D^-D^{*+}D^{*0})$	19062	18796	1	25756
19064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0p\bar{\Delta}^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-K^0K^-\phi D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0K^-\phi D^{*+}D^0p\bar{\Delta}^+)$	19063	18797	1	25757
19065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-})$	19064	18798	1	25758
19066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\eta K^*K^{*-}D^+D^-)$	19065	18799	1	25759
19067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^*K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^0K^*K^*K^-D^+\bar{D}^{*-})$	19066	18800	1	25760
19068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-p\bar{\Delta}^+, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^*D^-\bar{D}^0D^{*0}p\bar{\Delta}^+)$	19067	18801	1	25761
19069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \eta D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^0\pi^+\eta\eta D^+D^-\Delta^0\bar{p})$	19068	18802	1	25762
19070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^*D^+\bar{D}^{*-})$	19069	18803	1	25763
19071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^-D^+\bar{D}^{*-})$	19070	18804	1	25764
19072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega D^-D_2^{*+})$	19071	18805	1	25765
19073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\eta_c, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \omega K^*\bar{K}^*D^+\bar{D}^{*-}\eta_c)$	19072	18806	1	25766
19074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_SJ/\psi, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K_S\bar{K}^*D^{*+}\bar{D}^{*-}J/\psi)$	19073	18807	1	25767

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	19074	18808	1	25768
19076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+K^-\eta'\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+K^-\eta'\bar{D}^{*0}D_1^+)$	19075	18809	1	25769
19077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to D^+D_s^+\Delta^-\bar{n}D_1^-)$	19076	18810	1	25770
19078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{--}$ $(e^+e^- \to K_LK^{*+}\Delta^+\bar{\Sigma}_c^{--}\psi')$	19077	18811	1	25771
19079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to \pi^0\eta\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0\eta\bar{D}^{*-}\bar{n}p)$	19078	18812	1	25772
19080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*D^-D^{*+}D^0)$	19079	18813	1	25773
19081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^+D^-D_s^-)$	19080	18814	1	25774
19082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-})$	19081	7654	1	25775
19083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-D^-D_1^+)$	19082	18815	1	25776
19084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^-D^{*+})$	19083	18816	1	25777
19085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	19084	18817	1	25778
19086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}\bar{D}^{*-})$	19085	18818	1	25779
19087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^+\phi D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+\phi D^-D^{*+})$	19086	18819	1	25780
19088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	19087	10113	1	25781
19089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\eta D^+D^{*+})$	19088	18820	1	25782
19090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-})$	19089	18821	1	25783
19091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+D^-\Sigma^-\bar{\Lambda}, B^0 \to \pi^0\pi^+\rho^-K^*\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-K^*D^-\Delta^{++}\bar{\Delta}^{++}\Sigma^-\bar{\Lambda})$	19090	18822	1	25784

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-})$	19091	18823	1	25785
19093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0K^0\bar{K}^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0K^0\bar{K}^0D^-D_1'^+)$	19092	18824	1	25786
19094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0\pi^-D^{*+}\bar{D}^{*0})$	19093	18825	1	25787
19095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{n}\Sigma_c^{*0})$	19094	18826	1	25788
19096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega D^-\bar{D}^{*-})$	19095	18827	1	25789
19097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\bar{p}\Xi_c^+$ $(e^+e^- \to \pi^0D^-D_s^{*+}\bar{p}\Xi_c^+)$	19096	18828	1	25790
19098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^+D^-)$	19097	18829	1	25791
19099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\phi\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0\phi D^+\bar{D}^{*0})$	19098	18830	1	25792
19100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta D^-D_2^{*+})$	19099	18831	1	25793
19101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+D^-)$	19100	18832	1	25794
19102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0p\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-D^-D^0p\bar{p}D_{s1}'^+)$	19101	18833	1	25795
19103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega K^+K^-D^-D^-)$	19102	18834	1	25796
19104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	19103	18835	1	25797
19105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0K^*K^{*+}K^{*-}D^+\bar{D}^{*-})$	19104	18836	1	25798
19106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	19105	18837	1	25799
19107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*D^+D^-)$	2306	2300	1	25800
19108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^0\bar{\Sigma}^0\Sigma^{*0}$ $(e^+e^- \to \pi^-D^0\bar{D}^0D_s^{*+}\bar{\Sigma}^0\Sigma^{*0})$	19107	18839	1	25801

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^-, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \bar{K}^0 D_s^+ \bar{\Lambda}\Sigma_c^0 D_1'^-)$	19108	18840	1	25802
19110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	19109	18841	1	25803
19111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	19110	18842	1	25804
19112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega D^-D^{*+})$	19111	18843	1	25805
19113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+D^+D_2^{*-}D_s^{*-})$	19112	18844	1	25806
19114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^+D_s^+D_s^-)$	19113	18845	1	25807
19115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta\bar{K}^0D^+\bar{D}^{*-})$	19114	18846	1	25808
19116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_1'^+D_{s1}'^+)$	19115	18847	1	25809
19117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	19116	18848	1	25810
19118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*p\bar{p}, \bar{B}^0 \to \pi^-\eta K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^*K^*\bar{K}^*D^+p\bar{p})$	19117	18849	1	25811
19119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1^-, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^+\pi^-D^-D_1^-)$	19118	18850	1	25812
19120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}\gamma)$	19119	18851	1	25813
19121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^*K^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega\omega\omega K^*K^-D^+D^-)$	19120	18852	1	25814
19122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to K^*D^+D^-$ $(e^+e^- \to \tau^+\nu_\tau K^*D^+D^-D^-)$	19121	18853	1	25815
19123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-D^+D^-n\bar{p})$	19122	18854	1	25816
19124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+K^*K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^*K^-D^+\bar{D}^{*-})$	19123	18855	1	25817
19125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+D^{*+}p\bar{\Delta}^{++})$	19124	18856	1	25818

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^-\bar{\Delta}^+\Sigma_c^{++})$	19125	18857	1	25819
19127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^- D^{*0} D_{s0}^{*+})$	19126	18858	1	25820
19128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^+\bar{D}^{*-})$	19127	18859	1	25821
19129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+K^+K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	19128	18860	1	25822
19130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^0K^- D^0\bar{D}^0)$	19129	18861	1	25823
19131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-})$	19130	18862	1	25824
19132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^{*+} D_0^{*-})$	19131	18863	1	25825
19133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0K^+\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	2307	2301	1	25826
19134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	19133	18865	1	25827
19135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \bar{D}^{*-}D_{s1}'^{+}\gamma$ $(e^+e^- \to \rho^0\rho^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^{+}\gamma)$	19134	18866	1	25828
19136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\eta\bar{K}^*K^-K^{*+}D^+D^-\bar{D}^{*0})$	2308	2302	1	25829
19137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-\bar{D}^{*-}D_s^{*+}\bar{n}\Lambda_c^+)$	19136	18868	1	25830
19138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+\gamma\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\gamma\gamma)$	19137	18869	1	25831
19139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}D^0)$	462	462	1	25832
19140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^- D^{*0})$	19139	18871	1	25833
19141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*0})$	108	108	1	25834
19142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^+D^-)$	19141	18873	1	25835

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^-K^{*-}D^+D^+\bar{D}^0\bar{D}^{*0})$	19142	18874	1	25836
19144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*D^+D^-\bar{D}^{*-})$	19143	18875	1	25837
19145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-\pi^-D^0\bar{D}^0D_s^{*+})$	2311	2305	1	25838
19146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c1}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+K_SD^{*0}D_s^{*-}\chi_{c1})$	19145	18877	1	25839
19147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0K^+K^-D^-, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0\bar{K}^0K^+K^-D^-\bar{D}^{*-}D^0)$	19146	18878	1	25840
19148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^{*+}n\bar{p})$	464	464	1	25841
19149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^-D^{*+})$	19148	18880	1	25842
19150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+D^{*0}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*0}D_s^{*-})$	19149	18881	1	25843
19151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	19150	18882	1	25844
19152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^-\bar{K}^0K^+\eta_c\chi_{c1})$	19151	18883	1	25845
19153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{K}^0K^*K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{K}^0\bar{K}^0K^*K^+\bar{D}^{*-}D^0)$	19152	18884	1	25846
19154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^0D_s^+D_1'^-)$	19153	18885	1	25847
19155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\omega D^-D^{*+})$	19154	18886	1	25848
19156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\phi D^+D^-D_s^{*+})$	19155	18887	1	25849
19157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^{*0}, \bar{B}^0 \to \rho^0\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega D^0\bar{n}\Sigma_c^{*0})$	19156	18888	1	25850
19158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	19157	18889	1	25851
19159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\chi_{c0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to K_S\bar{K}^0D^+\bar{D}^{*-}\chi_{c0})$	19158	18890	1	25852

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^+\omega D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	19159	18891	1	25853
19161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^- D^{*+}D_1^-)$	19160	18892	1	25854
19162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^-D^-D^{*+}D^{*+})$	19161	18893	1	25855
19163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^0K^-D^-D^{*+}\bar{D}^{*0})$	19162	18894	1	25856
19164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^-D^{*+}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\eta K^0K^0K^{*-}D^-D^{*+}D^{*+})$	19163	18895	1	25857
19165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}n\bar{\Lambda}_c^-)$	19164	18896	1	25858
19166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta D^+D^{*+}\bar{\Delta}^-\Delta^-)$	19165	18897	1	25859
19167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^*D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0})$	19166	18898	1	25860
19168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^{*+}\bar{D}^{*-})$	19167	18899	1	25861
19169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^0)$	19168	18900	1	25862
19170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D^-\bar{\Delta}^-p, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^-D^+D^-D_s^-\bar{\Delta}^-p)$	19169	18901	1	25863
19171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\eta\eta K^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta\eta\omega K^0D^+\bar{D}^{*0})$	19170	18902	1	25864
19172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	19171	18903	1	25865
19173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^{*-}D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*--})$	19172	18904	1	25866
19174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}n\bar{n})$	19173	18905	1	25867
19175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{n}p, B^0 \to \pi^+\eta\omega D^-$ $(e^+e^- \to \pi^+\eta\omega D^-D^-\bar{n}p)$	19174	18906	1	25868
19176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\pi^-K^+D^{*+}\bar{D}^{*-}\bar{n}\Sigma_c^+)$	19175	18907	1	25869

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-D^+D^-\bar{D}^{*-})$	19176	18908	1	25870
19178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0K^0D^+\bar{\Sigma}^-\Xi^0$ $(e^+e^- \to \pi^0\pi^0K^0D^+D^{*+}D_s^{*-}\bar{\Sigma}^-\Xi^0)$	19177	18909	1	25871
19179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\omega\omega\eta'D^{*0}$ $(e^+e^- \to e^+\nu_e\eta\omega\omega\eta'\bar{D}^{*-}D^{*0})$	19178	18910	1	25872
19180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	19179	18911	1	25873
19181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^-D^{*+})$	19180	18912	1	25874
19182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to \rho^+\rho^-\bar{K}^*$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\rho^-\bar{K}^*D_1^+)$	19181	18913	1	25875
19183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-})$	19182	18914	1	25876
19184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1'^-)$	19183	18915	1	25877
19185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0D^+D^-D_s^+D_s^-)$	19184	18916	1	25878
19186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^-D^{*+})$	19185	18917	1	25879
19187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\eta K^0K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega K^0K^-D^+D^{*+}n\bar{p})$	19186	18918	1	25880
19188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-K^0K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^0K^{*-}\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0})$	19187	18919	1	25881
19189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^0\bar{D}^{*0}D_0^{*+})$	19188	18920	1	25882
19190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e\eta D^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e\eta D^-\bar{D}^{*-})$	19189	18921	1	25883
19191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^0K^0D_2^{*+}D^0\bar{D}^{*0}D_s^-)$	19190	18922	1	25884
19192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+})$	19191	18923	1	25885
19193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+D^-D_2^{*+}D_s^-)$	19192	18924	1	25886

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^0 n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+D^+\bar{D}^0 n\bar{p})$	19193	18925	1	25887
19195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0})$	19194	18926	1	25888
19196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+D^{*0}D_s^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0K^0\bar{K}^0K^+\bar{D}^0D^{*0}D^{*0}D_s^{*-})$	19195	18927	1	25889
19197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+D^-\bar{D}^{*-}D_s^+)$	19196	8854	1	25890
19198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^-D_{s1}^+)$	19197	18928	1	25891
19199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{--})$	19198	18929	1	25892
19200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n)$	19199	18930	1	25893
19201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+D^-, B^0 \to \pi^0K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^*D^+D^-\bar{D}^{*-})$	19200	18931	1	25894
19202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \eta D^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta K^0K^{*-}\bar{D}^{*-}D^{*0}n\bar{n})$	19201	18932	1	25895
19203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^*\bar{K}^*K^+D^+\bar{D}^{*-}D^{*0})$	19202	18933	1	25896
19204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0K^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0K^*K^-D^{*+}D_1^-)$	19203	18934	1	25897
19205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\pi^+\pi^+K^*K^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+K^*K^-D^-D^-)$	19204	18935	1	25898
19206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^-)$	19205	18936	1	25899
19207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^-D^+n\bar{\Delta}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^-D^+D_2^{*-}n\bar{\Delta}^0)$	19206	18937	1	25900
19208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-\bar{n}\Lambda, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^+D^-D^{*+}\bar{n}\Lambda)$	19207	18938	1	25901
19209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}D^0)$	19208	18939	1	25902
19210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \omega D^-D^{*+}D_s^+n\bar{p})$	19209	18940	1	25903

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \rho^- \omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^- D^{*+} D_s^+)$	19210	18941	1	25904
19212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	465	465	1	25905
19213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to K^{*-} D^+ D^+ \bar{D}^{*0} D_s^-)$	19212	18943	1	25906
19214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0 D^{*+}\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-\bar{K}^0 D^{*+} D^{*+}\bar{D}^0)$	19213	18944	1	25907
19215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-} a_1^+)$	19214	18945	1	25908
19216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta D^- D^{*+} a_1^+)$	19215	18946	1	25909
19217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^* D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^0\bar{K}^* D^+ D^-)$	19216	18947	1	25910
19218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega K^*, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \rho^0\pi^-\eta\eta\eta\omega K^* D^+)$	19217	18948	1	25911
19219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^- K^0\bar{K}^0 D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^- K^0\bar{K}^0\bar{D}^{*-} D^0)$	2314	2308	1	25912
19220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Sigma^0\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta K^* D^{*+}\Sigma^0\bar{\Xi}_c^0)$	19219	18950	1	25913
19221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\omega\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega\eta' D^{*+}\bar{D}^{*-})$	19220	18951	1	25914
19222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+ D^+ D^-)$	19221	18952	1	25915
19223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to \rho^0\rho^+ K^- D^0$ $(e^+e^- \to \rho^0\rho^+ K^- D^0 D_s^{*+} D_1'^-)$	19222	18953	1	25916
19224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega K^0 K^* D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\omega K^0 K^*\bar{D}^{*-} D_s^-)$	19223	18954	1	25917
19225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^0\pi^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^- K^{*+} D^+ D^- D_s^+)$	19224	18955	1	25918
19226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \omega D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\omega D^+\bar{D}^0 n\bar{p})$	19225	18956	1	25919
19227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D^{*0})$	19226	18957	1	25920

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+ D^-\bar{D}^{*-} D_{s1}'^+)$	19227	18958	1	25921
19229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega K^*\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^*\bar{K}^* K^{*-} D^+ D^+\bar{D}^0)$	19228	18959	1	25922
19230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\eta D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+} D^0)$	19229	18960	1	25923
19231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0\bar{K}^* D^+\bar{D}^{*-} D_s^{*+})$	19230	18961	1	25924
19232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega K^0 D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega K^0 D^- D^0)$	19231	18962	1	25925
19233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to e^+\nu_e\pi^- K^0\bar{K}^* D^+\bar{D}^{*-})$	19232	18963	1	25926
19234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+\bar{D}^{*-}\bar{D}^{*-})$	19233	18964	1	25927
19235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0 D^+ D^-\bar{D}^{*-})$	19234	18965	1	25928
19236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\pi^- D^+ p\bar{p}$ $(e^+e^- \to \pi^0\pi^- D^+ D^- p\bar{p} a_1^+)$	19235	18966	1	25929
19237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+\gamma, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^-\omega\omega D^+\bar{D}^{*-} D_{s1}'^+\gamma)$	19236	18967	1	25930
19238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \rho^+\omega K^0\bar{K}^* K^{*-}$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^* K^{*-} D^- D_{s1}'^+)$	19237	18968	1	25931
19239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta D^+ n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-} D_s^{*+} n\bar{p})$	19238	18969	1	25932
19240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to K^0\bar{K}^0 D^{*+} D_s^-$ $(e^+e^- \to K^0\bar{K}^0 D^{*+}\bar{D}^0 D_s^-\Delta^+\bar{\Sigma}^-)$	19239	18970	1	25933
19241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0 K^*\bar{K}^*\bar{D}^{*-} D^0\bar{D}^{*0})$	19240	18971	1	25934
19242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ D^-, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \eta\bar{K}^* K^+ D^-\bar{\Delta}^0\Sigma_c^0)$	19241	18972	1	25935
19243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^+ p\bar{\Sigma}_c^{--}$ $(e^+e^- \to \pi^+\bar{D}^{*-} D_s^{*+} p\bar{\Sigma}_c^{--})$	19242	18973	1	25936
19244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^- K^0, \bar{B}^0 \to \rho^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^- K^0\bar{K}^0 D^{*+})$	19243	18974	1	25937

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	19244	18975	1	25938
19246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+\bar{D}^{*-}D^0)$	2315	2309	1	25939
19247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^0\pi^+\eta D^-\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\eta D^-D^-\Sigma^0\bar{\Sigma}^0)$	19246	18977	1	25940
19248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^-D^+D^+p\bar{p})$	19247	18978	1	25941
19249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-})$	19248	18979	1	25942
19250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*0}n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^*K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0\bar{K}^*K^+K^{*-}D^+\bar{D}^{*0}n\bar{p})$	19249	18980	1	25943
19251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+K^+K^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-K^+K^+K^-D^+)$	19250	18981	1	25944
19252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	19251	18982	1	25945
19253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^+K^0K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}D^{*0})$	19252	18983	1	25946
19254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_LJ/\psi, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K_LD^{*+}D_s^{*-}J/\psi)$	19253	18984	1	25947
19255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+})$	19254	18985	1	25948
19256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^-D^{*+}D^{*+})$	19255	18986	1	25949
19257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-D^+\bar{D}^{*0}D_s^{*-})$	19256	18987	1	25950
19258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^*\phi J/\psi$ $(e^+e^- \to \bar{K}^*\phi\bar{D}^{*-}J/\psi\bar{n}p)$	19257	18988	1	25951
19259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^{*-}D^-\bar{D}^0D^{*0})$	2316	2310	1	25952
19260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^{*+}D^0\bar{D}^0)$	19259	18990	1	25953
19261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to e^+\nu_eD_1'^-$ $(e^+e^- \to e^+\nu_e\pi^+D^-D_1'^-)$	19260	18991	1	25954

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\eta D^{*+}D_2^{*-})$	19261	18992	1	25955
19263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta' D^{*+}\bar{D}^{*-})$	19262	18993	1	25956
19264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\omega K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^0\bar{K}^0 D^+\bar{D}^0)$	19263	18994	1	25957
19265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^- D^{*+}a_1^- D_{s1}'^+)$	19264	18995	1	25958
19266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega K^+\bar{D}^{*-}D^{*0})$	19265	18996	1	25959
19267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \rho^- K^+ D^- D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^- K^+ D^- D^- D^{*+})$	19266	18997	1	25960
19268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\bar{D}^{*-}\Delta^{++}\bar{\Lambda}, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to K^- D^+\bar{D}^{*-}\Delta^{++}\Sigma^-\bar{\Lambda}\bar{\Sigma}^0)$	19267	18998	1	25961
19269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega\omega D^-\bar{D}^{*-})$	19268	18999	1	25962
19270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^-\rho^+ K^0 K^{*-} D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+ K^0 K^{*-} D^+ D_1^-)$	19269	19000	1	25963
19271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- p\bar{\Sigma}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D^- D^{*+}p\bar{\Sigma}^0)$	19270	19001	1	25964
19272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- K^+, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta K^+ D^{*+})$	19271	19002	1	25965
19273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+ K^0 K^- D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+ K^0 K^0 K^- D^+ D^- D^0)$	19272	19003	1	25966
19274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^* K^{*+}\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \pi^0\bar{K}^* K^{*+}K^{*-}D^{*+}\bar{D}^0\bar{\Delta}^+\Sigma^0)$	19273	19004	1	25967
19275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^-\rho^-\bar{K}^0 K^+ K^+ D^{*+}\bar{D}^{*-}D^0)$	19274	19005	1	25968
19276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^+\pi^-\eta K^0 K^{*-} D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^0 K^{*-} D^+ J/\psi K_1^0)$	19275	19006	1	25969
19277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta D^- D^{*+}D_{s1}'^-)$	19276	19007	1	25970
19278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\chi_{c2}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^{*+}\chi_{c2})$	19277	19008	1	25971

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^- D^+ D^+)$	19278	19009	1	25972
19280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^{*0} D_s^{*+}, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to \pi^- K^0 K^- D^{*+} \bar{D}^{*0} D_s^{*+})$	19279	19010	1	25973
19281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\omega D^- D^{*+})$	19280	19011	1	25974
19282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+ D^- D_s^{*-} D_1^+)$	19281	19012	1	25975
19283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^- D^+ D^-)$	19282	19013	1	25976
19284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^- K^{*+} D^{*+} \bar{D}^{*-} D^{*0})$	19283	19014	1	25977
19285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\eta\eta D^-, B^0 \to \pi^+\eta K^+ K^- D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta\eta\eta K^+ K^- D^- D^-)$	19284	19015	1	25978
19286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega K^* K^{*-} D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^* K^{*-} D^+ \bar{D}^{*0})$	19285	19016	1	25979
19287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+\eta_c, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^- K^+ D^{*+}\eta_c)$	19286	19017	1	25980
19288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0)$	2317	2311	1	25981
19289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\eta\omega D^{*+} p\bar{\Sigma}_c^-)$	19288	19019	1	25982
19290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega K^+ D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^+ D^{*+} D_s^-)$	19289	19020	1	25983
19291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to K^* D^+\bar{D}^0 D_s^-)$	19290	19021	1	25984
19292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D_2^{*+} D_s^{*-}\gamma$ $(e^+e^- \to D_2^{*+} D_s^{*-} J/\psi K_1^0\gamma)$	19291	19022	1	25985
19293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega K^- D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\omega K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	19292	19023	1	25986
19294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	19293	6867	1	25987
19295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^- K^+\phi\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^+\phi D^{*+}\bar{D}^{*-} D_s^-)$	19294	19024	1	25988

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-D^+D_s^{*-}\Delta^+\bar{\Sigma}_c^0)$	19295	19025	1	25989
19297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*\bar{D}^0D^{*0}D_0^{*+})$	19296	19026	1	25990
19298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+K^-\phi\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+K^-\phi\bar{D}^{*-}\bar{D}^{*-})$	19297	19027	1	25991
19299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_eX_u^-\bar{K}^0D^-D^{*+})$	19298	19028	1	25992
19300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^-D_0^{*+})$	19299	19029	1	25993
19301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	19300	19030	1	25994
19302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+K^0D^-D^{*+}D^{*+})$	19301	19031	1	25995
19303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\omega\omega K^*, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\omega\omega K^*D^+)$	19302	19032	1	25996
19304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+})$	19303	19033	1	25997
19305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-K^0K^-D^-D^{*+})$	19304	19034	1	25998
19306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^{*-}D^-D^{*+})$	19305	19035	1	25999
19307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^*D^+D^0\bar{D}^0n\bar{n})$	19306	19036	1	26000
19308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \pi^0\rho^0\pi^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^+\bar{D}^{*0}D_0^{*-})$	19307	19037	1	26001
19309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Xi_c^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\bar{\Lambda}\Xi_c^0)$	19308	19038	1	26002
19310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	19309	19039	1	26003
19311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-})$	19310	19040	1	26004
19312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\omega K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0K^*K^-K^-D^+\bar{D}^{*-})$	2318	2312	1	26005

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^+ D_1'^-)$	19312	19042	1	26006
19314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\eta\omega D_2^{*-}D^{*0}D_s^+)$	19313	19043	1	26007
19315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^{*+}\bar{D}^{*-}D_s^{*-})$	19314	19044	1	26008
19316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}D_s^-)$	19315	19045	1	26009
19317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{K}^0D^+D^-)$	19316	19046	1	26010
19318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^- D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^-\omega D^- D^{*+}\bar{p}\Delta^+)$	19317	19047	1	26011
19319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^-\rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*0})$	19318	19048	1	26012
19320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}\bar{D}^0D^{*0})$	19319	19049	1	26013
19321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	19320	3788	1	26014
19322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^- D^{*+})$	19321	19050	1	26015
19323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0 p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\rho^- D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^- D^+pp\bar{\Delta}^{++}\bar{\Lambda}_c^-)$	19322	19051	1	26016
19324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^+D^{*+}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^-\rho^-\rho^-K^+D^+D^{*+})$	19323	19052	1	26017
19325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^+\rho^-\eta K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^-K^{*+}D^-D^{*0}D_s^+)$	19324	19053	1	26018
19326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^+\Lambda$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Sigma}^+\Lambda D_1^-)$	19325	19054	1	26019
19327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-K^0D^{*+}\bar{D}^{*0})$	2319	2313	1	26020
19328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^{*0})$	19327	19056	1	26021
19329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	19328	19057	1	26022

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	19329	486	1	26023
19331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^+K^0D^+D^-D^{*0}D_{s0}^{*-})$	19330	19058	1	26024
19332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^{*+}D_s^{*-})$	19331	19059	1	26025
19333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^0)$	19332	19060	1	26026
19334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^+\bar{D}^0n\bar{\Xi}_c'^-)$	19333	19061	1	26027
19335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+D^0D_s^{*-})$	19334	19062	1	26028
19336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^+D_2^{*-})$	19335	19063	1	26029
19337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^+, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0K^0K^-D^+D^+D_s^-)$	19336	19064	1	26030
19338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	19337	19065	1	26031
19339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\omega D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^-D^{*+}\bar{D}^{*0})$	19338	19066	1	26032
19340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^-D^+D^+\bar{D}^{*0}D_s^-)$	19339	19067	1	26033
19341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^-\eta D^{*+}D_1^-)$	19340	19068	1	26034
19342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to K^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^*D^{*0}\bar{D}^{*0}D_1'^-)$	19341	19069	1	26035
19343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta\eta D^+D^{*+})$	19342	19070	1	26036
19344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^-\rho^+\eta\eta\omega\omega D^+D^-)$	19343	19071	1	26037
19345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^+K^*K^{*-}D^+D_1^-)$	19344	19072	1	26038
19346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^{*+}$ $(e^+e^- \to \mu^+\nu_\mu D^-D^0\bar{\Delta}^+\Sigma^{*+})$	19345	19073	1	26039

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{n}, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to D^{*0}\bar{D}^{*0}n\bar{n}\Delta^+\bar{\Delta}^+)$	466	466	1	26040
19348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\psi', \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^*K^-D^{*+}\bar{D}^{*0}\psi')$	19347	13165	1	26041
19349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^+D^0\bar{D}^0D_s^{*-})$	19348	19075	1	26042
19350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^-\eta\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta' D^+D_0^{*-})$	19349	19076	1	26043
19351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1^-, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}$ $(e^+e^- \to \pi^+\bar{D}^{*-}D_s^+p\bar{p}D_1^-)$	19350	19077	1	26044
19352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta K^*D^{*+}\bar{D}^{*0})$	19351	19078	1	26045
19353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D^{*0})$	19352	19079	1	26046
19354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\rho^-K^0D^+D^{*+}\bar{D}^{*0}p\bar{p})$	19353	19080	1	26047
19355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^-)$	19354	19081	1	26048
19356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \omega D^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\omega D^-\bar{D}^{*-}D_s^+)$	19355	19082	1	26049
19357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+K^{*-}\eta' D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	19356	19083	1	26050
19358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^0K^*D^+D^-D^{*+}n\bar{p})$	19357	19084	1	26051
19359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0D^{*+}D^{*+}\bar{D}^{*-})$	2321	2315	1	26052
19360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	19359	19086	1	26053
19361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-}p\bar{\Delta}^+)$	19360	19087	1	26054
19362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1^+, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0D^+D^-D_s^-D_1^+)$	19361	19088	1	26055
19363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to e^+\nu_e\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-)$	19362	19089	1	26056

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 \bar{K}^* K^+ n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ K^0\bar{K}^* K^+ D^0 n\bar{p})$	19363	19090	1	26057
19365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-})$	19364	19091	1	26058
19366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^{*+} D^0\bar{D}^0)$	19365	19092	1	26059
19367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to K^* D^{*+} D_s^{*-}$ $(e^+e^- \to K^* D^{*+}\bar{D}^{*-} D_s^{*-} a_1^+)$	19366	19093	1	26060
19368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-} n\bar{p})$	19367	19094	1	26061
19369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, B^0 \to \pi^0\pi^0\pi^0\pi^+ K^0 K^{*-}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^- K^0 K^{*-}\bar{D}^0\bar{D}^{*0} D_s^{*+})$	19368	19095	1	26062
19370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-} D_s^{*+})$	19369	19096	1	26063
19371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\bar{D}^{*-}\bar{D}^0 D_s^{*+})$	19370	19097	1	26064
19372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^+ K^- K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^0 K^+ K^- K^- D^{*+}\bar{D}^{*-})$	19371	19098	1	26065
19373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^* J/\psi, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ K^* D^0 D_s^{*-} J/\psi)$	19372	19099	1	26066
19374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \rho^+ D^+\bar{D}^{*-} D_s^{*-} n\bar{n})$	19373	19100	1	26067
19375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^- D^+ D^0\Delta^-\bar{\Delta}^0)$	19374	19101	1	26068
19376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+ D^{*+}\bar{D}^{*0})$	19375	19102	1	26069
19377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+})$	19376	19103	1	26070
19378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\eta\bar{D}^{*-} D_2^{*-})$	19377	19104	1	26071
19379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau a_1^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^- D^{*+}\bar{D}^{*0} a_1^+)$	19378	19105	1	26072
19380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+ K^0 K^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- K^0 K^- D^- D^{*+})$	19379	19106	1	26073

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to D^-D^{*0}\bar{\Delta}^-\Delta^0\Delta^+\bar{\Delta}^+)$	19380	19107	1	26074
19382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^-D^{*+}a_1^+)$	19381	19108	1	26075
19383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^-D_2^{*-}\bar{\Delta}^0\Lambda_c^+)$	19382	19109	1	26076
19384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-K^*K^-D^+D^-)$	19383	19110	1	26077
19385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0D_s^+D_s^-D_1^+)$	19384	19111	1	26078
19386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+D^-\Sigma^-\bar{\Sigma}^0D_0^{*+})$	19385	19112	1	26079
19387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\rho^-K^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-K^-\bar{D}^{*-}D^0)$	19386	19113	1	26080
19388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^-\rho^+\bar{D}^0)$	19387	19114	1	26081
19389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-D_0^{*+})$	19388	19115	1	26082
19390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^*K^-D^+\bar{D}^0)$	19389	19116	1	26083
19391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^+\rho^-K^+K^-\bar{D}^{*-}D_2^{*+})$	19390	19117	1	26084
19392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^+D^{*+}n\bar{p})$	19391	19118	1	26085
19393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-K^0K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^*K^+K^-\bar{D}^{*-}D^{*0})$	19392	19119	1	26086
19394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	19393	19120	1	26087
19395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\omega K^+K^+D_s^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\eta\omega K^+K^+K^-D^{*+}\bar{D}^0D_s^{*-})$	19394	19121	1	26088
19396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta' a_1^0, \bar{B}^0 \to \rho^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta' D^{*0}a_1^0)$	19395	19122	1	26089
19397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-D^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+D^+D^-D^0D_s^-)$	19396	19123	1	26090

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^- D^{*+})$	19397	19124	1	26091
19399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta' p\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta' p\bar{\Sigma}_c^- D_1'^+)$	19398	19125	1	26092
19400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}D^{*+}D_s^{*-})$	19399	19126	1	26093
19401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+K^+D^0D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^+K^+D^0D_s^- D_1'^+)$	19400	19127	1	26094
19402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{\Sigma}^{*0}\Xi_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^{*0})$	19401	19128	1	26095
19403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\chi_{c0}, \bar{B}^0 \to \omega K^0K^-\phi D^{*+}$ $(e^+e^- \to \pi^-\omega K^0K^+K^-\phi D^{*+}\chi_{c0})$	19402	19129	1	26096
19404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0)$	19403	19130	1	26097
19405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, B^0 \to \rho^+K^{*+}K^{*-}D^-$ $(e^+e^- \to \rho^+\rho^+K^{*+}K^{*-}D^-\Delta^0\bar{\Sigma}_c^-)$	19404	19131	1	26098
19406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}\bar{D}^{*-}D_2^{*+}D^{*0})$	19405	19132	1	26099
19407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta K^+K^-D^{*+}\bar{D}^{*-})$	19406	19133	1	26100
19408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^0K^*K^*K^-D^+J/\psi)$	19407	19134	1	26101
19409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^*D^{*+}D_2^{*-}\bar{D}^0)$	19408	19135	1	26102
19410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^+\bar{D}^{*-}D^{*0})$	19409	19136	1	26103
19411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-D^+\bar{\Lambda}\Sigma^0D_1'^+)$	19410	19137	1	26104
19412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^-D^+D^{*+})$	19411	19138	1	26105
19413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\omega K^+D^{*+}\bar{D}^{*-})$	19412	19139	1	26106
19414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	19413	19140	1	26107

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D'^-_{s1}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^+D^{*+}D'^-_{s1})$	19414	19141	1	26108
19416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \omega K^*K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^*K^{*-}D^{*+}\bar{D}^{*0})$	19415	19142	1	26109
19417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^0\bar{K}^0K^+D_s^{*-}, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^0\bar{K}^0K^+K^{*-}D^+D_s^{*-})$	19416	19143	1	26110
19418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D^{*+}a_1^-)$	19417	19144	1	26111
19419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^-K^-D^+D^{*+}\bar{D}^{*0})$	2322	2316	1	26112
19420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^+D^-D_s^-)$	2323	2317	1	26113
19421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c'^+$ $(e^+e^- \to \pi^-\bar{D}^{*-}D_s^+\bar{\Sigma}^{*0}\Xi_c'^+)$	19420	19147	1	26114
19422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega D^+\bar{D}^{*0}D_s^+)$	19421	19148	1	26115
19423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\omega K^+K^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^+K^-K^{*+}D^-)$	19422	19149	1	26116
19424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*-})$	19423	19150	1	26117
19425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	19424	19151	1	26118
19426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Xi}_c'^-, \bar{B}^0 \to \rho^0\pi^+\omega K^0\bar{K}^0K^-$ $(e^+e^- \to \rho^0\pi^+\eta\omega K^0\bar{K}^0K^-\Delta^+\bar{\Xi}_c'^-)$	19425	19152	1	26119
19427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*0}\bar{p}\Delta^+)$	19426	19153	1	26120
19428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-D^-D_s^{*+}\bar{\Delta}^+\Sigma_c^{++})$	19427	19154	1	26121
19429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{D}^0D^{*0})$	19428	19155	1	26122
19430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0D^{*+}\Delta^0\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-D^{*+}\Delta^0\bar{p})$	19429	19156	1	26123
19431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^{*+}D_s^-)$	19430	19157	1	26124

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_1^0\psi(3770), B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}K_1^0\psi(3770))$	19431	19158	1	26125
19433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+)$	19432	19159	1	26126
19434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Sigma^0)$	19433	19160	1	26127
19435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0})$	19434	19161	1	26128
19436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0\bar{D}^{*-}D_1^+)$	19435	19162	1	26129
19437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eX_u^-\bar{K}^*D^{*+}\bar{D}^{*-})$	19436	19163	1	26130
19438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta\eta\omega D^+D^-)$	19437	19164	1	26131
19439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}D^{*+}D_s^{*-})$	19438	19165	1	26132
19440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+K^+D^-\bar{D}^{*-}D^{*0})$	2324	2318	1	26133
19441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-})$	19440	19167	1	26134
19442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \omega K^*D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	19441	19168	1	26135
19443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-D^-\bar{\Delta}^-\Delta^+, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*0}\bar{\Delta}^-\Delta^+)$	19442	19169	1	26136
19444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0K^+K^-K^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^0K^+K^-K^-D^{*+}\bar{D}^{*-})$	19443	19170	1	26137
19445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_s^{*+})$	19444	19171	1	26138
19446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-D^+n\bar{\Sigma}_c^0)$	19445	19172	1	26139
19447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0D^-D^{*+}D^0)$	2325	2319	1	26140
19448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^+D^{*0})$	19447	19174	1	26141

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0 D^- D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	19448	19175	1	26142
19450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\omega\omega D^+\bar{D}^{*-})$	19449	19176	1	26143
19451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^- D^{*+})$	19450	19177	1	26144
19452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^+ D^{*+}\eta_c)$	19451	19178	1	26145
19453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 n\bar{\Omega}_c^0, \bar{B}^0 \to \pi^0\rho^0 K^- D_s^+$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0 K^- D_s^+ n\bar{\Omega}_c^0)$	19452	19179	1	26146
19454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0 D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^- D^{*+}\Delta^-\bar{\Delta}^0)$	19453	19180	1	26147
19455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+ K^0 K^{*-} D^+ D^-)$	19454	19181	1	26148
19456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- D^+ D^{*+}\bar{D}^{*-}\gamma)$	2326	2320	1	26149
19457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\eta\omega D^+ D^{*+})$	19456	19183	1	26150
19458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-})$	19457	19184	1	26151
19459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^{*+} D^- D^0, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^- K^{*+} D^+ D^- D^0 D_s^{*-})$	19458	19185	1	26152
19460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0 D^+\bar{D}^0)$	19459	19186	1	26153
19461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^- K^{*+} D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^- K^{*+}\bar{D}^{*-} D^0\bar{D}^0)$	19460	19187	1	26154
19462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+ D^- D^{*+})$	19461	1910	1	26155
19463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \eta D^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^- D^{*+} D_s^-)$	19462	19188	1	26156
19464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^+ K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	19463	19189	1	26157
19465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- K^0\bar{K}^* D^{*+}\bar{D}^{*-})$	19464	19190	1	26158

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\omega K^0 K^{*-} D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\omega K^0 K^{*-} D^- D^{*0})$	19465	19191	1	26159
19467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \rho^0\pi^-\rho^-\bar{K}^0 K^+ D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0 K^+ D^+ D^-)$	19466	19192	1	26160
19468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\pi^-\bar{K}^* K^+ D^+$ $(e^+e^- \to \pi^-\pi^- K^0\bar{K}^* K^+ D^+\Delta^+\bar{\Sigma}_c^-)$	19467	19193	1	26161
19469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{p}\Sigma_c^0 D_0^{*-})$	19468	19194	1	26162
19470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0 D^- D^{*+} D^{*+})$	19469	19195	1	26163
19471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\bar{K}^0 D^+ D^-)$	19470	19196	1	26164
19472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 D^- n\bar{\Sigma}^{*+}, \bar{B}^0 \to \pi^0\bar{K}^* D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta\bar{K}^0\bar{K}^* D^- D^0\bar{D}^{*0} n\bar{\Sigma}^{*+})$	19471	19197	1	26165
19473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^- K^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega K^- D^- D^0)$	19472	19198	1	26166
19474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^- K^+ D^{*+}\bar{D}^{*-} D^{*0})$	19473	19199	1	26167
19475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to e^+\nu_e\omega\bar{D}^{*-} D^0)$	19474	19200	1	26168
19476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\bar{K}^0 K^* D^{*+} D_1'^-)$	19475	19201	1	26169
19477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \bar{K}^0\bar{K}^* D^+ D^- D^{*+}\bar{D}^{*-})$	19476	19202	1	26170
19478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Lambda\bar{\Sigma}^0, \bar{B}^0 \to \pi^+\rho^- D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^+\bar{D}^{*-} D_s^-\Lambda\bar{\Sigma}^0)$	19477	19203	1	26171
19479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^+$ $(e^+e^- \to e^+\nu_e\pi^0 K^0 K^{*-} D^+\bar{D}^{*-})$	19478	19204	1	26172
19480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\eta D^+ D^-)$	19479	19205	1	26173
19481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^* D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+ K^* D^{*+} D_s^{*-})$	19480	19206	1	26174
19482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-} D_s^{*+})$	19481	19207	1	26175

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}D_2^{*-}D_s^{*+})$	19482	19208	1	26176
19484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	19483	19209	1	26177
19485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0K^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+D^-D^0\bar{\Lambda}\Sigma^0)$	19484	19210	1	26178
19486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	19485	12680	1	26179
19487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0K^-K^{*+}K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^-\bar{K}^0K^-K^{*+}K^{*+}D^+D^{*+}\bar{p}\Delta^+)$	19486	19211	1	26180
19488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0K^0D^+D^-\bar{n}p)$	19487	19212	1	26181
19489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}\Delta^-\bar{n})$	19488	19213	1	26182
19490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega\omega\omega\bar{K}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\omega\omega\bar{K}^0D_2^{*-}D^{*0})$	19489	19214	1	26183
19491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^-D^-D^{*+}D_s^+)$	19490	19215	1	26184
19492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+K^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\omega K^0D^-D_s^{*-})$	19491	19216	1	26185
19493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}n\bar{p})$	19492	19217	1	26186
19494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-D^{*+})$	19493	19218	1	26187
19495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^+\rho^-K^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-K^+D^-D^-)$	19494	19219	1	26188
19496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}\bar{n}p)$	19495	19220	1	26189
19497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}a_1^+)$	19496	19221	1	26190
19498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*n\bar{\Lambda}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\bar{K}^0K^*D^{*+}n\bar{\Lambda})$	19497	19222	1	26191
19499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta\eta D^+D^+)$	19498	19223	1	26192

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^-K^{*+}D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^-K^{*+}D^+D^-\bar{D}^{*-})$	19499	19224	1	26193
19501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p})$	19500	19225	1	26194
19502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^+\bar{p}\Xi_c^{*0}$ $(e^+e^- \to e^+\nu_e\rho^+D^-\bar{p}\Xi_c^{*0})$	19501	19226	1	26195
19503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega\omega\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^{*0})$	19502	19227	1	26196
19504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D_s^-n\bar{n}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*0}D_s^-n\bar{n})$	19503	19228	1	26197
19505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+D^0D_s^-, \bar{B}^0 \to \pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^-\rho^+K^0K^+D^{*+}D^0D_s^-n\bar{p})$	19504	19229	1	26198
19506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	19505	19230	1	26199
19507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_s^{*-}D_1'^+)$	19506	19231	1	26200
19508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	19507	19232	1	26201
19509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^0K^+K^{*-}\bar{n}\Lambda$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^0\bar{K}^*K^+K^{*-}D^-D^{*0}\bar{n}\Lambda)$	19508	19233	1	26202
19510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+D^-D^{*0})$	19509	19234	1	26203
19511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^-K^-K^{*+}D^+\bar{D}^{*-}D_s^{*+})$	19510	19235	1	26204
19512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^-D^-D^{*+}D_s^+)$	19511	19236	1	26205
19513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0K^-D^{*+}\bar{D}^0\bar{\Delta}^0\Sigma_c^0)$	2327	2321	1	26206
19514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^+D^+J/\psi)$	19513	19238	1	26207
19515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-\rho^-D^{*+}\bar{\Sigma}^+\Lambda$ $(e^+e^- \to \pi^-\rho^-K^-D^{*+}D^{*+}\bar{D}^0\bar{\Sigma}^+\Lambda)$	19514	19239	1	26208
19516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\omega K^0D^+, \bar{B}^0 \to D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0D^+D^{*+}p\bar{\Delta}^{++})$	19515	19240	1	26209

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 D^- \bar{n}p, \bar{B}^0 \to \bar{K}^* D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0 \bar{K}^* D^- D^{*+} \bar{D}^{*-} \bar{n}p)$	19516	19241	1	26210
19518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+} \bar{D}^{*-})$	19517	19242	1	26211
19519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega K^0 K^0 \bar{K}^0 D^-, \bar{B}^0 \to \eta\omega K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta\omega\omega\omega K^0 K^0 \bar{K}^0 K^* K^- D^- D^{*+})$	19518	19243	1	26212
19520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to K^0 K^- D^+ D^- D_s^+)$	19519	19244	1	26213
19521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+} \bar{D}^{*-})$	19520	19245	1	26214
19522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^- p \bar{\Xi}_c^{\prime 0}, B^0 \to K^* D^- D^{*+}$ $(e^+e^- \to \pi^- K^* D^- D^{*+} p \bar{\Xi}_c^{\prime 0})$	19521	19246	1	26215
19523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\eta D^+ \bar{D}^{*-})$	2328	2322	1	26216
19524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta' D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\eta' D^+ \bar{D}^{*-} D_s^+)$	19523	19248	1	26217
19525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\pi^0 D^-, B^0 \to \rho^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^- D^- D^-)$	19524	19249	1	26218
19526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \rho^+ K^0 K^* K^{*-}$ $(e^+e^- \to \rho^+\rho^+ K^0 K^* K^{*-} D^-)$	19525	19250	1	26219
19527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\omega\omega K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega\omega K^{*+} K^{*-} D^+ D^-)$	19526	19251	1	26220
19528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \pi^- K^+ D^0 \bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+ K^+ D^- D^0 \bar{D}^{*0})$	19527	19252	1	26221
19529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^{*+} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\rho^- K^{*+} D^{*+} D^{*0})$	19528	19253	1	26222
19530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- \bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- \bar{K}^0 K^* D^{*+} \bar{D}^{*-})$	19529	19254	1	26223
19531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\omega K^0 K^- D^-, \bar{B}^0 \to \bar{K}^* D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega K^0 \bar{K}^* K^- D^- D^{*+} \bar{D}^{*-})$	19530	19255	1	26224
19532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \bar{D}^{*-} n \bar{\Sigma}^+$ $(e^+e^- \to \mu^+\nu_\mu D^- \bar{D}^{*-} n \bar{\Sigma}^+)$	19531	19256	1	26225
19533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 K^0 D^{*+} D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^0 K^0 D^{*+} D_s^- D_1^+)$	19532	19257	1	26226

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^+\eta\omega\bar{K}^*D^-\bar{\Delta}^0\Sigma_c^0)$	19533	19258	1	26227
19535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0 D^+ D^0\bar{D}^0)$	19534	19259	1	26228
19536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^+K^{*-}D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\rho^+K^{*-}D^-\bar{D}^{*-})$	19535	19260	1	26229
19537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*0}n\bar{\Lambda}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*0}\bar{D}^{*0}n\bar{\Lambda})$	19536	19261	1	26230
19538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^+D^+D^-D^{*0}D_s^{*-})$	19537	19262	1	26231
19539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Lambda}_c^-)$	19538	19263	1	26232
19540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \phi D^-D_s^{*+}$ $(e^+e^- \to K^+\phi D^-\bar{D}^{*-}D^{*0}D_s^{*+})$	19539	19264	1	26233
19541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-D^{*+}D_2^{*-})$	19540	19265	1	26234
19542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{K}^0K^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0K^+D^-D^-)$	19541	19266	1	26235
19543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0)$	19542	19267	1	26236
19544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*-}D_s^{*+}J/\psi)$	19543	19268	1	26237
19545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \bar{K}^0K^*K^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^*K^-D^{*+}D^{*+})$	19544	19269	1	26238
19546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-\rho^-K^+D^{*+}D^0\bar{D}^0)$	19545	19270	1	26239
19547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c(2S), \bar{B}^0 \to \rho^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^0D^+n\bar{p}\eta_c(2S))$	19546	19271	1	26240
19548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-})$	19547	19272	1	26241
19549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega K^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\omega K^+D_2^{*+}D_s^-)$	19548	19273	1	26242
19550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^0K^0K^+D^{*+}\bar{D}^{*-}\bar{p}\Xi_c'^0)$	19549	19274	1	26243

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^*D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	19550	19275	1	26244
19552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^{*+}\bar{D}^0D_0^{*-})$	2329	2323	1	26245
19553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*K^+K^{*-}D^+D^-\bar{D}^{*0})$	19552	19277	1	26246
19554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^-D^{*+}D^{*+})$	19553	19278	1	26247
19555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*0}\bar{p}\Sigma_c^0)$	19554	19279	1	26248
19556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to K^0K^{*-}D^{*+}D_s^+D_1^-)$	19555	19280	1	26249
19557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	19556	19281	1	26250
19558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+})$	19557	19282	1	26251
19559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+\bar{D}^{*0}D_s^+)$	19558	19283	1	26252
19560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\bar{K}^0K^{*+}D^-D_s^{*-}D_1^+)$	19559	19284	1	26253
19561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+\gamma)$	19560	19285	1	26254
19562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^{*-}D^+\bar{D}^{*-}\bar{D}^0a_1^+)$	19561	19286	1	26255
19563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta K^0K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^-D^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta\omega K^0K^-K^-D^+D^{*+})$	19562	19287	1	26256
19564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \rho^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\rho^-\eta\omega K^+K^-D^{*+}D^{*+})$	19563	19288	1	26257
19565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-})$	19564	19289	1	26258
19566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*0})$	19565	19290	1	26259
19567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0K^0\bar{K}^0D^{*+}\bar{D}^{*-}J/\psi)$	19566	19291	1	26260

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{\Delta}^+\gamma$ $(e^+e^- \to \bar{K}^*K^{*+}D^+\bar{D}^{*-}n\bar{\Delta}^+\gamma)$	19567	19292	1	26261
19569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-})$	19568	19293	1	26262
19570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^{*-}D_{s1}'^+)$	19569	19294	1	26263
19571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\omega D^+\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^{++})$	19570	19295	1	26264
19572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^+D^-)$	19571	19296	1	26265
19573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\rho^-K^*D^+\bar{D}^0D^{*0})$	19572	19297	1	26266
19574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\rho^+D^+p\bar{\Sigma}_c^{*--})$	2330	2324	1	26267
19575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^+K^-\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-\eta_cD_1'^-)$	19574	19299	1	26268
19576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta\bar{K}^0K^*D^{*+}D_0^{*-})$	19575	19300	1	26269
19577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^-\pi^-\rho^+K^+\phi D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega K^+\phi\bar{D}^{*-}D_s^{*-})$	19576	19301	1	26270
19578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0D^-$ $(e^+e^- \to \rho^+K^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	19577	19302	1	26271
19579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\eta K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^-\eta K^*K^{*-}D^{*+}D^{*+})$	19578	19303	1	26272
19580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0})$	19579	19304	1	26273
19581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to \eta D^-D_s^{*+}$ $(e^+e^- \to e^+\nu_eX_u^-\eta D^-D_s^{*+})$	19580	19305	1	26274
19582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega D^-, B^0 \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+K^+D^-\bar{D}^{*-})$	19581	19306	1	26275
19583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c0}, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to K_S\bar{K}^0\chi_{c0}\chi_{c1})$	19582	19307	1	26276
19584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^0\Sigma^-\bar{\Lambda}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+D^+\bar{D}^0D_s^-\Sigma^-\bar{\Lambda})$	19583	19308	1	26277

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^- K^0 D^{*+} D_s^+ D_s^{*-})$	19584	19309	1	26278
19586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^{*-})$	19585	19310	1	26279
19587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^- D^+ D^-)$	19586	19311	1	26280
19588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^- \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0 K^- D^{*+}\bar{D}^{*0})$	19587	19312	1	26281
19589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^* K^+ D^- D^{*+}\bar{D}^{*-})$	19588	19313	1	26282
19590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+ D_2^{*+} D_s^{*-})$	19589	19314	1	26283
19591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ D^+ D^- D_s^{*-})$	2331	2325	1	26284
19592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^+ a_1^-\gamma$ $(e^+e^- \to K^+ D^+\bar{D}^{*-} D^{*0} a_1^-\gamma)$	19591	19316	1	26285
19593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0 K^-\bar{D}^{*-} D_s^+$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0 K^- D^+\bar{D}^{*-} D_s^+ D_s^{*-}\gamma)$	19592	19317	1	26286
19594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	19593	19318	1	26287
19595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to \bar{D}^0 D_s^{*+}\bar{n}\Delta^0\bar{\Delta}^0\Sigma^{*-})$	19594	19319	1	26288
19596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\pi^- K^0 K^-\eta' D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 K^-\eta' D^+ D^{*+})$	19595	19320	1	26289
19597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \bar{K}^* K^+ D^{*+}\bar{D}^{*-} a_1^-)$	19596	19321	1	26290
19598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^-\eta D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+ D^{*0}\bar{\Sigma}^+\Sigma^-)$	19597	19322	1	26291
19599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^* K^+ D^+\bar{D}^{*-})$	19598	19323	1	26292
19600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^0 K^+ D^- D^0\bar{\Delta}^+\Lambda_c^+)$	19599	19324	1	26293
19601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta\omega D^- D^{*+})$	19600	19325	1	26294

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\eta\eta K^0 K^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\eta K^0 K^- D^+ D^+)$	19601	19326	1	26295
19603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\rho^+ K^- D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^- D^+ D_s^+)$	2332	2326	1	26296
19604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^- D^+\bar{D}^{*-} D_s^{*-})$	19603	19328	1	26297
19605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- D^0 n\bar{\Sigma}_c^0)$	19604	19329	1	26298
19606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+}\Delta^+\bar{\Delta}^+)$	19605	19330	1	26299
19607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^+, B^0 \to D_s^{*+} D_1'^-$ $(e^+e^- \to \bar{D}^{*-} D_s^+ D_s^{*+} D_1'^-)$	2333	2327	1	26300
19608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{n}p$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\bar{n}\bar{n}pp)$	19607	19331	1	26301
19609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^- D^{*+}\Delta^+\bar{\Delta}^+)$	19608	19332	1	26302
19610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^- D^+ n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^- D^+ D^- n\bar{n})$	19609	19333	1	26303
19611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^* K^{*+} D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0\bar{K}^* K^{*+} D^+\bar{D}^{*-} D^{*0})$	19610	19334	1	26304
19612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\rho^-\bar{\Delta}^0\Sigma_c^+)$	19611	19335	1	26305
19613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D_s^-, \bar{B}^0 \to \pi^0\eta\bar{K}^*\bar{\Sigma}^-\Xi_c^+$ $(e^+e^- \to \pi^0\pi^0\eta\bar{K}^* K^+ D_s^-\bar{\Sigma}^-\Xi_c^+)$	19612	19336	1	26306
19614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^+\pi^-\rho^+\rho^-\eta\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^0 D_s^{*+})$	19613	19337	1	26307
19615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^* D^{*+} D^{*+} D_{s1}'^-)$	19614	19338	1	26308
19616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to K_2^{*0} J/\psi$ $(e^+e^- \to \pi^+ K_2^{*0}\bar{D}^{*-} J/\psi n\bar{n})$	19615	19339	1	26309
19617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^* D^{*+}\bar{D}^{*-} D_{s1}'^+)$	19616	19340	1	26310
19618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Sigma}^0\Xi_c^+, \bar{B}^0 \to \pi^0\pi^0\omega D^{*0} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*0} n\bar{n}\bar{\Sigma}^0\Xi_c^+)$	19617	19341	1	26311

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega K^-K^{*+}D^+\bar{D}^{*-})$	19618	19342	1	26312
19620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0D^{*+}\bar{D}^{*-}D_s^{*+}n\bar{p})$	2334	2328	1	26313
19621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta'D^-\bar{n}p)$	19620	19343	1	26314
19622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c2}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^+\chi_{c2}n\bar{p})$	19621	19344	1	26315
19623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^*K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-K^*K^-D^0\bar{D}^{*0}D_s^-)$	19622	19345	1	26316
19624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*D^{*+}D^0\bar{D}^0)$	19623	19346	1	26317
19625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^*K^{*+}D^-D^{*+})$	19624	19347	1	26318
19626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-D^-D^{*0}\Delta^+\bar{\Delta}^+)$	19625	19348	1	26319
19627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+D^+D^-p\bar{p})$	19626	19349	1	26320
19628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-D^0)$	19627	19350	1	26321
19629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^+\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^+D^-\Sigma^-\bar{\Lambda})$	19628	19351	1	26322
19630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	19629	19352	1	26323
19631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega K^*\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\omega\omega K^*D^{*+}\bar{D}^0)$	19630	19353	1	26324
19632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega K^{*-}D^-D^0\bar{D}^0)$	19631	19354	1	26325
19633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\Delta^+\bar{\Sigma}_c^{*0}D_1^-)$	19632	19355	1	26326
19634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-})$	19633	19356	1	26327
19635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \eta K^-D^+$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^0K^-D^+\bar{D}^{*-})$	19634	19357	1	26328

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \bar{K}^0 K^* K^- D^{*+}$ $(e^+e^- \to K^0\bar{K}^0 K^* K^- D^{*+} J/\psi)$	19635	19358	1	26329
19637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- \bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\rho^+\bar{K}^* D^- D^{*+})$	19636	19359	1	26330
19638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^{*+}\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\eta\omega K^{*+} D^{*+}\eta_c)$	19637	19360	1	26331
19639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \eta\bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^0 D^+ \bar{D}^{*-} D_1'^+)$	19638	19361	1	26332
19640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	19639	19362	1	26333
19641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D_2^{*+} D_1^-)$	19640	19363	1	26334
19642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to K^+ D^{*+}\bar{p}\Sigma^-$ $(e^+e^- \to \pi^0\pi^-\omega K^+ D^+ D^{*+}\bar{p}\Sigma^-)$	19641	19364	1	26335
19643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^- D^{*+}\bar{D}^{*-})$	19642	19365	1	26336
19644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to \pi^0\pi^0\omega\bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \pi^0\pi^0\omega K^0\bar{K}^0 K^{*+} D^- D^- D^{*+})$	2335	2329	1	26337
19645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* D^+ D^- D^{*+})$	19644	19367	1	26338
19646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\omega D^{*+} D_0^{*-})$	19645	19368	1	26339
19647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to K^0 D^{*+}\bar{p}\Lambda$ $(e^+e^- \to K^0 D^{*+}\bar{D}^{*-} D_s^{*+}\bar{p}\Lambda)$	19646	19369	1	26340
19648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \bar{K}^0 K^+ \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^+ \bar{D}^{*-}\bar{D}^{*-} D_s^{*+})$	19647	19370	1	26341
19649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^+\rho^-\omega K^0 K^- D^+$ $(e^+e^- \to \rho^+\rho^-\omega K^0 K^0 K^- D^+\Delta^+\bar{\Sigma}_c^-)$	19648	19371	1	26342
19650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ K^+ K^- \bar{D}^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^* K^+ K^+ K^- D^- D^{*+}\bar{D}^0)$	19649	19372	1	26343
19651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^+ D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega D^- D^-)$	19650	19373	1	26344
19652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^- K^+\psi(3770), B^0 \to \pi^+ K^+ K^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^- K^+ K^+ K^- D^-\psi(3770))$	19651	19374	1	26345

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^+D^-D_0^{*+})$	19652	19375	1	26346
19654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\bar{K}^0K^{*+}D^+D^-)$	19653	19376	1	26347
19655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-\eta\eta K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\eta K^*\bar{K}^*D^{*+}D^{*+}D_s^{*-})$	19654	19377	1	26348
19656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+D^-a_1^+)$	19655	19378	1	26349
19657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^{*-}D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^+K^{*-}D^-D^{*+}D_s^{*-})$	19656	19379	1	26350
19658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}a_1^+)$	19657	19380	1	26351
19659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^+K^0\bar{K}^*D^-D^{*+}a_1^-)$	19658	19381	1	26352
19660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c(2S), B^0 \to \pi^-\eta K^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\eta K^0K^+D^+\bar{D}^{*0}\eta_c(2S))$	19659	19382	1	26353
19661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \rho^+\rho^+\omega K^0\bar{K}^0D^-\bar{D}^{*-})$	19660	19383	1	26354
19662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0K^0D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^0K^0D_s^{*-}D_0^{*+})$	19661	19384	1	26355
19663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^0)$	19662	19385	1	26356
19664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^+K^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0K^+K^-D^0D_1^-)$	19663	19386	1	26357
19665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to K^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	19664	19387	1	26358
19666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+D^-\Delta^-\bar{n}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^*K^+D^+D^-\Delta^-\bar{n})$	19665	19388	1	26359
19667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^{*+}D^{*0}\bar{D}^{*0})$	19666	19389	1	26360
19668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega D^+D_2^{*-})$	19667	19390	1	26361
19669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^{*+}D_s^-)$	19668	19391	1	26362

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	467	467	1	26363
19671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{K}^*\bar{D}^{*-}D^{*0}D_1^+)$	19670	19393	1	26364
19672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\bar{D}^{*-}D_s^+)$	19671	19394	1	26365
19673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma)$	19672	19395	1	26366
19674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega K^+K^-D^-, B^0 \to \pi^0\rho^0\rho^0\rho^+K^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\omega K^0K^+K^-D^-\bar{D}^{*-})$	19673	19396	1	26367
19675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*D^+\bar{D}^{*-}p\bar{\Sigma}_c^{--})$	19674	19397	1	26368
19676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0D^0\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-\rho^+K^0D^{*+}D^0\bar{D}^0a_1^-)$	19675	19398	1	26369
19677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0K^+D^-D^0\bar{\Delta}^0\Sigma_c^{*0})$	19676	19399	1	26370
19678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Xi_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}\bar{n}\Xi_c^+)$	19677	19400	1	26371
19679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Lambda$ $(e^+e^- \to \rho^-D_2^{*+}D^{*0}\bar{\Delta}^0\Lambda)$	19678	19401	1	26372
19680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^0D^{*0})$	19679	19402	1	26373
19681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0K^0\bar{K}^0K^{*-}D^+D^-)$	19680	19403	1	26374
19682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^{*+}\bar{D}^{*-}D_0^{*-})$	19681	19404	1	26375
19683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-D^+D^+)$	19682	19405	1	26376
19684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^-D^{*+}\Delta^-\bar{\Delta}^0a_1^+)$	19683	19406	1	26377
19685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\rho^-K^+D^+, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-K^+D^+\bar{D}^{*-})$	19684	19407	1	26378
19686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}\eta_c)$	19685	19408	1	26379

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega\omega K^0K^-D^+\bar{D}^{*-})$	19686	19409	1	26380
19688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^0p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}D^0p\bar{p})$	19687	19410	1	26381
19689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^+\rho^-\rho^-\rho^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^+\rho^-\rho^-\rho^-\bar{K}^0D^+D^-)$	19688	19411	1	26382
19690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^+K^-K^{*-}\phi D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^+K^-K^{*-}\phi D^+D^{*+})$	19689	19412	1	26383
19691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\rho^0\pi^+\rho^-\rho^-D^+)$	19690	19413	1	26384
19692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*0})$	19691	19414	1	26385
19693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+K^-\phi$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega K^-\phi D^-)$	19692	19415	1	26386
19694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	19693	19416	1	26387
19695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+)$	19694	19417	1	26388
19696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0K^-D_s^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0\bar{K}^0K^-D^-D_s^+\Sigma^0\bar{\Sigma}^0)$	19695	19418	1	26389
19697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	19696	19419	1	26390
19698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-\gamma, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^*K^{*+}D^-D^{*+}\gamma)$	19697	19420	1	26391
19699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\omega\bar{D}^{*-}D_2^{*+}D_s^{*-})$	19698	19421	1	26392
19700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0\bar{K}^0D^+D^-D_s^+)$	19699	19422	1	26393
19701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\omega\omega D^-D^{*+})$	2337	2331	1	26394
19702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}D_1'^-)$	19701	19424	1	26395
19703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\bar{D}^{*-}D_0^{*+})$	19702	19425	1	26396

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0})$	19703	19426	1	26397
19705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to D_2^{*-}D_s^+$ $(e^+e^- \to \pi^+\bar{D}^{*-}D_2^{*-}D_s^+)$	19704	19427	1	26398
19706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0K^0K^{*-}D^+, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^0\pi^+K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-}D^{*0})$	19705	19428	1	26399
19707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-K^0D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-K^0D^+D^-\bar{D}^{*-})$	19706	19429	1	26400
19708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0J/\psi, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^0K^+K^-D^+J/\psi)$	19707	19430	1	26401
19709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega D^+D^+\bar{\Delta}^-\Delta^-)$	19708	19431	1	26402
19710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0K^+\bar{D}^{*-}D^0D_s^-)$	19709	19432	1	26403
19711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-, \bar{B}^0 \to K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+K^*\bar{K}^*K^-D^-D^{*+})$	19710	19433	1	26404
19712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta\omega K^-K^{*+}D^-D^{*+})$	19711	19434	1	26405
19713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*K^+K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^*K^+K^{*-}\bar{D}^{*-})$	19712	19435	1	26406
19714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	19713	19436	1	26407
19715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^-D^{*+}D^{*+})$	19714	19437	1	26408
19716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-})$	19715	19438	1	26409
19717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^*D^-D^{*+}\bar{D}^{*0})$	19716	19439	1	26410
19718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\rho^-K^+D^+D^0\bar{D}^0a_1^-)$	19717	19440	1	26411
19719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\omega K^{*+}K^{*-}D^-D^{*+}D_s^{*-})$	19718	19441	1	26412
19720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-D^+D^-)$	19719	19442	1	26413

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau a_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \bar{D}^{*-}a_1^+D_{s1}'^{+})$	19720	19443	1	26414
19722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-n\bar{n})$	19721	19444	1	26415
19723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega\omega D^+\bar{D}^{*-})$	19722	19445	1	26416
19724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^-D^{*+}D^{*+}\bar{D}^{*0})$	19723	19446	1	26417
19725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}\bar{D}^0D_s^{*+})$	19724	19447	1	26418
19726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\omega D^-, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to \rho^0\rho^+\omega\omega K_S D^-\psi')$	19725	19448	1	26419
19727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \eta\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	19726	19449	1	26420
19728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega K^*\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^0K^*D^-D^{*+}\bar{D}^0)$	19727	19450	1	26421
19729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+K^+D^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^+D^+D^-\Delta^-\bar{\Delta}^0)$	19728	19451	1	26422
19730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\bar{K}^0D^{*+}D_1^-)$	19729	19452	1	26423
19731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\eta\omega\bar{D}^{*-}\bar{n}\Sigma_c^0)$	19730	19453	1	26424
19732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	19731	19454	1	26425
19733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}\bar{D}^0D_s^{*-})$	19732	19455	1	26426
19734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^+\omega\Delta^-\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\eta\omega\omega\omega D^-\Delta^-\bar{p})$	19733	19456	1	26427
19735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_2^{*-}D_s^{*+})$	19734	5097	1	26428
19736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega\omega D^-D^{*+}D_s^{*-})$	19735	19457	1	26429
19737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\eta\eta D^+D_1^-)$	19736	19458	1	26430

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega D^- D^0 D_s^{*-})$	19737	19459	1	26431
19739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}D_s^+)$	19738	19460	1	26432
19740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	2338	2332	1	26433
19741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^*K^+K^-K^-D^-, \bar{B}^0 \to \pi^0\rho^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^*K^+K^-K^-D^-J/\psi)$	19740	19461	1	26434
19742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^+\eta\omega D^{*0}$ $(e^+e^- \to \pi^-\rho^+\eta\omega\bar{D}^{*-}D^{*0}a_1^+)$	19741	19462	1	26435
19743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+K^*\phi\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega K^*\phi D^{*+}\bar{D}^0)$	19742	19463	1	26436
19744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\omega\bar{\Delta}^-p, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^{*-}J/\psi\bar{\Delta}^-p)$	19743	19464	1	26437
19745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^*K^{*+}\bar{D}^{*-}D^0J/\psi)$	19744	19465	1	26438
19746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*J/\psi, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-K^*J/\psi\bar{\Delta}^+\Sigma_c^{++})$	19745	19466	1	26439
19747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega D^- D_1'^+)$	19746	19467	1	26440
19748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \omega K^0\bar{K}^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\omega K^0\bar{K}^0K^{*-}D^+D_2^{*-})$	19747	19468	1	26441
19749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\omega D^- D^{*+})$	19748	19469	1	26442
19750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\eta' D^+\bar{D}^{*-})$	19749	19470	1	26443
19751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}n\bar{n}p\bar{\Delta}^{++})$	19750	19471	1	26444
19752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_0^{*-}, B^0 \to \bar{D}^{*-}D_s^+\gamma$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+D_0^{*-}\gamma)$	19751	19472	1	26445
19753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega D^- D^{*+})$	19752	19473	1	26446
19754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-K^0K^-\eta' D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\bar{K}^*D_s^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^*K^-\eta' D^{*+}D_s^{*+})$	19753	19474	1	26447

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	19754	19475	1	26448
19756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\eta' D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\omega\eta'\bar{D}^{*-}D^0)$	19755	19476	1	26449
19757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	19756	19477	1	26450
19758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-K^0K^+D_s^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0K^+D^{*+}D_s^-a_1^-)$	19757	19478	1	26451
19759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^{*0}D_s^{*+})$	19758	19479	1	26452
19760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\bar{K}^0D^+D^-)$	19759	19480	1	26453
19761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-K^+K^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^+K^-K^{*+}K^{*-}D^{*+}n\bar{\Sigma}_c^-)$	19760	19481	1	26454
19762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^-K^*K^+K^{*-}D^+\bar{D}^0D^{*0})$	19761	19482	1	26455
19763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^+D^-D^0D^{*0})$	19762	19483	1	26456
19764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-})$	19763	19484	1	26457
19765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-K^0D^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	19764	19485	1	26458
19766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^0\pi^+\pi^-\eta\bar{D}^0)$	19765	19486	1	26459
19767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^*K^+D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^-\bar{K}^*K^+\bar{D}^{*-}D^{*0})$	19766	19487	1	26460
19768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*+})$	19767	19488	1	26461
19769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0K^0K^-D^+\bar{D}^{*-})$	19768	19489	1	26462
19770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0})$	19769	19490	1	26463
19771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-D_2^{*+}\bar{n}p)$	19770	19491	1	26464

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}D_s^{*+})$	19771	19492	1	26465
19773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^+\Delta^-\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^+)$	19772	19493	1	26466
19774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+K^*D^0D^0\bar{D}^{*0}D_s^-)$	19773	19494	1	26467
19775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^{*+}K^{*-}D^-D^{*+}\bar{D}^{*0})$	19774	14709	1	26468
19776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}n\bar{n})$	19775	19495	1	26469
19777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	19776	19496	1	26470
19778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}D_{s1}'^-)$	19777	19497	1	26471
19779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to K^-D^+\Sigma^0\bar{\Xi}^0$ $(e^+e^- \to \rho^0\rho^+K^-D^+D^-\Sigma^0\bar{\Xi}^0)$	19778	19498	1	26472
19780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\bar{K}^0D^+D^-)$	19779	19499	1	26473
19781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	19780	19500	1	26474
19782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}D_2^{*+})$	19781	19501	1	26475
19783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^-\omega\bar{K}^0D^+D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	19782	19502	1	26476
19784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta\omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}\bar{p}\Lambda_c^+)$	19783	19503	1	26477
19785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\omega\eta'D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\eta'D^{*0}p\bar{\Lambda}_c^-)$	19784	19504	1	26478
19786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-)$	19785	19505	1	26479
19787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \bar{K}^0K^+D^-D^{*0}\bar{p}\Lambda_c^+)$	19786	19506	1	26480
19788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^+D_1'^+)$	19787	19507	1	26481

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^- D_2^{*+}\bar{\Delta}^0\Delta^+)$	19788	19508	1	26482
19790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	19789	19509	1	26483
19791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\psi', \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to K_L K_2^{*0} J/\psi\psi')$	19790	19510	1	26484
19792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^{*0}p\bar{p}$ $(e^+e^- \to \pi^+\pi^+\eta K^-\bar{D}^{*-}D^{*0}p\bar{p})$	19791	19511	1	26485
19793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{--}, B^0 \to \pi^+\eta K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^0K^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--})$	19792	19512	1	26486
19794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^+D^-\bar{D}^{*-})$	19793	19513	1	26487
19795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	19794	19514	1	26488
19796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\rho^-K^*D^+J/\psi n\bar{p})$	19795	19515	1	26489
19797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+\bar{D}^0, \bar{B}^0 \to \pi^0\eta' J/\psi$ $(e^+e^- \to \pi^0\pi^-K^*\eta' D^+\bar{D}^0J/\psi)$	19796	19516	1	26490
19798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^+\omega K^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega\omega K^-D^-)$	19797	19517	1	26491
19799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0D^+D^-$ $(e^+e^- \to \pi^0K^+D^+D^-\bar{D}^{*-}D^{*0})$	19798	19518	1	26492
19800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega K^0\bar{\Delta}^-\Delta^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega\omega K^0D^{*+}\bar{\Delta}^-\Delta^-)$	19799	19519	1	26493
19801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}D^0)$	19800	2800	1	26494
19802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0K^0\bar{K}^0D^+D^-D^{*+})$	19801	19520	1	26495
19803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-\rho^-K^+D^+\bar{D}^0D^{*0})$	19802	19521	1	26496
19804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	19803	19522	1	26497
19805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+D^-D^{*+}nn\bar{n}\bar{p})$	19804	19523	1	26498

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^*\bar{n}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^- K^0\bar{K}^* D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+)$	19805	19524	1	26499
19807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^0\rho^-\eta D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega D^+D^+\gamma)$	19806	19525	1	26500
19808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^- D^+D^-)$	19807	19526	1	26501
19809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^{*+}D^{*+}D_s^{*-})$	19808	19527	1	26502
19810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^{*+}D_s^{*-})$	19809	19528	1	26503
19811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0 D^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0 D^- D^{*+}\bar{D}^{*-}D_s^{*+})$	2339	2333	1	26504
19812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\pi^+\rho^-\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\rho^- D^-\bar{D}^0)$	19811	19530	1	26505
19813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	19812	19531	1	26506
19814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^0\bar{n}\Delta^0)$	19813	19532	1	26507
19815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-})$	19814	19533	1	26508
19816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{\Sigma}^{*+}\Lambda, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0\bar{K}^*D^+\bar{D}^{*-}\bar{\Sigma}^{*+}\Lambda)$	19815	19534	1	26509
19817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \omega\eta' D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega\eta' D^0\bar{D}^0)$	19816	19535	1	26510
19818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^0K^-D^+D^+)$	19817	19536	1	26511
19819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^+, \bar{B}^0 \to \pi^- D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \rho^0\pi^-\pi^-\omega D^+D^+\bar{\Delta}^-\Delta^-)$	19818	19537	1	26512
19820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^- D^+, \bar{B}^0 \to K^-\bar{\Lambda}\Xi_c'^+$ $(e^+e^- \to \rho^0\rho^-K^-D^+\bar{\Lambda}\Xi_c'^+)$	19819	19538	1	26513
19821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0K^*D^{*+}\Delta^+\bar{\Sigma}_c^-)$	19820	19539	1	26514
19822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^-D_s^{*-})$	19821	19540	1	26515

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^- D^- D^{*+}\Delta^-\bar{n})$	19822	19541	1	26516
19824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0 D^0\bar{D}^0 D_1^+)$	2340	2334	1	26517
19825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0\bar{K}^0 K^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{K}^0 K^* K^+ D^+\bar{D}^{*-} n\bar{n})$	19824	19543	1	26518
19826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to K^*\bar{n}\Xi_c^0$ $(e^+e^- \to e^+\nu_e K^*\bar{n}\Xi_c^0 D_1^-)$	19825	19544	1	26519
19827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^+\eta\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\eta\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	19826	19545	1	26520
19828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ K^0\bar{K}^0 D^- D^{*+})$	19827	19546	1	26521
19829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega p\bar{\Lambda}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\omega\omega D^{*+} p\bar{\Lambda})$	19828	19547	1	26522
19830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^-\chi_{c0}$ $(e^+e^- \to \pi^+\pi^+\eta K^-\bar{D}^{*-}\chi_{c0})$	19829	19548	1	26523
19831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^0 n\bar{n})$	19830	19549	1	26524
19832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^0\rho^+ D^- D^{*+} a_1^-)$	19831	19550	1	26525
19833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-} D^0)$	19832	19551	1	26526
19834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-})$	19833	19552	1	26527
19835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta f_0(980)$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\omega\bar{D}^{*-} f_0(980))$	19834	19553	1	26528
19836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 D^- D_s^+, B^0 \to \omega D^-\bar{n}p$ $(e^+e^- \to \pi^0\omega D^- D^- D_s^+\bar{n}p)$	19835	19554	1	26529
19837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^- D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\bar{K}^0 K^* K^-\bar{D}^{*-} D^{*0}\bar{D}^{*0})$	19836	19555	1	26530
19838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Lambda}, B^0 \to \pi^- K^{*+} D^0\bar{D}^0$ $(e^+e^- \to \pi^- K^{*+}\bar{D}^{*-} D^0\bar{D}^0\Delta^+\bar{\Lambda})$	19837	19556	1	26531
19839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	19838	19557	1	26532

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\rho^-\eta, B^0 \to \rho^0\rho^0\pi^+\bar{K}^0K^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^+\rho^-\eta\bar{K}^0K^*\bar{D}^{*-})$	19839	19558	1	26533
19841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0K^*\bar{K}^*\phi$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{K}^0K^*\bar{K}^*\phi D^-)$	19840	19559	1	26534
19842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+K^*K^{*-}D^+D^-)$	19841	19560	1	26535
19843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^-D^+D^-\bar{D}^{*0})$	19842	19561	1	26536
19844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	19843	19562	1	26537
19845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta D^-D^0n\bar{\Delta}^0)$	19844	19563	1	26538
19846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0K^+D^+\bar{D}^{*-}\eta_c)$	19845	19564	1	26539
19847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0D^+D^0\bar{D}^0)$	468	468	1	26540
19848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+D^-)$	19847	8382	1	26541
19849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+\bar{D}^{*-}D^0D^{*0})$	19848	19566	1	26542
19850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	19849	19567	1	26543
19851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0D_2^{*-}D^0D_s^+)$	19850	19568	1	26544
19852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+D^-\Delta^-\bar{p}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\Delta^-\bar{\Delta}^0\bar{p}\Sigma_c^{*+})$	19851	19569	1	26545
19853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^+\eta\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}D^0D^0)$	19852	19570	1	26546
19854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\bar{D}^{*-}D^0)$	19853	19571	1	26547
19855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^+\eta K^*K^{*-}D^+D^-)$	2342	2336	1	26548
19856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^0K^-D^+D_s^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}D_s^-)$	19855	19573	1	26549

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta K^-D^-D^{*+}\bar{D}^{*-})$	19856	19574	1	26550
19858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	19857	19575	1	26551
19859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-D^{*0}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^-D^{*+}D^{*0})$	19858	19576	1	26552
19860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-a_0^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\rho^-D^{*+}D_s^{*-}a_0^0)$	19859	19577	1	26553
19861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+}\gamma)$	19860	19578	1	26554
19862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \eta K^-K^{*+}D^{*0}$ $(e^+e^- \to \eta K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	19861	19579	1	26555
19863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^+)$	19862	19580	1	26556
19864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}\bar{n}\Delta^0, B^0 \to \rho^+K^{*+}K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^0)$	19863	19581	1	26557
19865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega K^0\phi, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\omega K^0\phi D^+)$	2343	2337	1	26558
19866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^0\bar{D}^0)$	19865	19583	1	26559
19867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta\omega D^-D^{*+})$	19866	19584	1	26560
19868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D_s^-J/\psi K_1^0)$	19867	19585	1	26561
19869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{K}^0D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^0\bar{K}^0D^-\bar{D}^0)$	19868	19586	1	26562
19870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^+D^+)$	19869	19587	1	26563
19871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^+\omega D^-\bar{D}^{*-})$	19870	19588	1	26564
19872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\omega D^{*+}p\bar{\Lambda}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\omega D^{*+}D^{*+}p\bar{\Lambda})$	19871	19589	1	26565
19873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*0})$	19872	19590	1	26566

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+, \bar{B}^0 \to \pi^-\rho^+\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^-\eta K^0\bar{K}^*D^+D^{*+})$	19873	19591	1	26567
19875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0K^{*+}D^-D^0D_s^-)$	19874	19592	1	26568
19876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^-D^+p\bar{p}D_1^-)$	19875	19593	1	26569
19877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^-K^{*+}D^-D^{*+})$	19876	19594	1	26570
19878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\bar{D}^{*-})$	19877	19595	1	26571
19879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*D^-D^{*+}\bar{D}^{*-})$	19878	19596	1	26572
19880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \omega D_2^{*+}\bar{D}^{*0}D_s^-)$	19879	19597	1	26573
19881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to D^{*0}\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to K^*D^-D^{*+}D^{*0}\Lambda\bar{\Sigma}^{*0})$	19880	19598	1	26574
19882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_LJ/\psi, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to K_L\rho^-D^+J/\psi)$	19881	19599	1	26575
19883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \rho^+D^+D^-D_{s0}^{*-})$	19882	19600	1	26576
19884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0D^+D^{*+}\bar{D}^{*-})$	19883	19601	1	26577
19885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0\bar{D}^{*-})$	19884	19602	1	26578
19886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^{*+}K^{*-}\bar{D}^{*-}, B^0 \to \pi^0\pi^0K^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0K^{*+}K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-})$	19885	19603	1	26579
19887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^{*-}\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+)$	19886	19604	1	26580
19888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}D^{*+}\bar{D}^{*-})$	19887	19605	1	26581
19889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^+D^{*0}D_0^{*-})$	19888	19606	1	26582
19890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^*D^+D^0\bar{D}^0)$	2344	2338	1	26583

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-D^-\chi_{c2})$	19890	19608	1	26584
19892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}D^{*0})$	19891	19609	1	26585
19893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_s^{*+}D_1'^-)$	19892	19610	1	26586
19894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-})$	19893	19611	1	26587
19895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^{*-}D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^+K^{*-}D^-D^{*+})$	19894	19612	1	26588
19896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+D^-D_1'^+)$	19895	19613	1	26589
19897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^-\phi D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-K^0K^-\phi D^{*+}\bar{D}^{*-})$	19896	19614	1	26590
19898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^-K^*K^+K^-D^{*+}J/\psi)$	19897	19615	1	26591
19899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^+\Sigma^-\bar{\Lambda}$ $(e^+e^- \to K^+D^+D^-D^{*0}\Sigma^-\bar{\Lambda})$	19898	19616	1	26592
19900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to \pi^0\pi^0K^0\Delta^{++}\bar{\Delta}^{++}\gamma$ $(e^+e^- \to \pi^0\pi^0K^0K^*D^-D^{*+}\Delta^{++}\bar{\Delta}^{++}\gamma)$	19899	19617	1	26593
19901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	19900	19618	1	26594
19902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-\rho^+D^+D^-n\bar{\Delta}^+)$	19901	19619	1	26595
19903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \omega n\bar{\Sigma}_c^{*0}\bar{K}_1^0\psi')$	19902	19620	1	26596
19904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\eta K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	19903	19621	1	26597
19905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0D^-D^0D_1'^+)$	19904	19622	1	26598
19906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0\bar{D}^0D^{*0}n\bar{n})$	19905	19623	1	26599
19907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-K^0K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*-})$	19906	19624	1	26600

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	19907	19625	1	26601
19909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^0)$	19908	19626	1	26602
19910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^{*+}D^{*+}a_1^-)$	19909	19627	1	26603
19911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^-K^0D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^0D^+D^-\bar{D}^0)$	19910	19628	1	26604
19912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-})$	19911	19629	1	26605
19913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^-D^{*+}\bar{n}\Delta^+)$	2345	2339	1	26606
19914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0)$	19913	19630	1	26607
19915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^0a_1^-)$	2346	2340	1	26608
19916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \omega K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\omega K^-D^+D^-\bar{D}^{*0})$	19915	19632	1	26609
19917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-K^-D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^+\rho^-K^-D^+D^0)$	2347	2341	1	26610
19918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*K^+K^-\phi, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega\omega K^*K^+K^-\phi D^+)$	19917	19634	1	26611
19919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to K^0\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^0K^0\bar{K}^0\bar{K}^0D^-\eta_c)$	19918	19635	1	26612
19920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^0D^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^+D^-\bar{D}^{*0})$	19919	19636	1	26613
19921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+})$	19920	14512	1	26614
19922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-K^-K^{*+}D^+\bar{D}^{*-})$	19921	19637	1	26615
19923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta\omega D^{*+}D^{*+})$	19922	19638	1	26616
19924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^+D^+a_1^-)$	19923	19639	1	26617

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\bar{K}^0D^-\bar{D}^{*-}D^0)$	19924	19640	1	26618
19926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^+D^-)$	19925	19641	1	26619
19927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}D^{*0})$	2348	2342	1	26620
19928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+})$	19927	19643	1	26621
19929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p)$	19928	19644	1	26622
19930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^+D^-D^{*+}D^{*0}D_{s1}'^-)$	19929	19645	1	26623
19931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0K^{*-}D^+\bar{D}^{*0})$	19930	19646	1	26624
19932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0K^-D^+\bar{D}^{*0})$	19931	19647	1	26625
19933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\eta K^0\bar{K}^0D^-D^{*+})$	19932	19648	1	26626
19934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\omega D^+\bar{D}^{*-})$	19933	19649	1	26627
19935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta D^+D^-D_s^{*-})$	19934	19650	1	26628
19936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^+\chi_{c1})$	19935	19651	1	26629
19937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\omega D^0\bar{D}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega D^-D^0\bar{D}^0)$	19936	19652	1	26630
19938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta\eta\bar{K}^*D^-D_s^+)$	19937	19653	1	26631
19939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \rho^-K^*D^+D^{*0}\bar{D}^{*0}n\bar{n})$	2349	2343	1	26632
19940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, B^0 \to \pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^-\bar{D}^{*-})$	19939	19655	1	26633
19941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0D^-D^{*+}D^{*+})$	19940	19656	1	26634

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^- D^+ D_2^{*-})$	19941	19657	1	26635
19943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-\omega K^+K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega K^+K^- D^+ D^-)$	19942	19658	1	26636
19944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^{*-}D^+D^{*+}\bar{D}^0 D_s^{*-})$	19943	19659	1	26637
19945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\bar{K}^0K^*D^-D^{*+})$	19944	19660	1	26638
19946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+K^0K^0\bar{K}^0K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+K^0K^0\bar{K}^0K^-D^+D^-)$	19945	19661	1	26639
19947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^+D^+\Delta^+\bar{\Sigma}_c^{--}D_{s1}'^-)$	19946	19662	1	26640
19948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{K}^0K^*\eta'\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0K^*\eta'D^+\bar{D}^0D_s^-)$	19947	19663	1	26641
19949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \pi^0\pi^-\eta K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta K^{*+}K^{*-}D^+D^{*+})$	19948	19664	1	26642
19950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\eta D^-D^{*+}D_s^-)$	19949	19665	1	26643
19951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^0D^-)$	19950	19666	1	26644
19952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*p\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^{*+}D_s^{*-}p\bar{\Lambda}_c^-)$	19951	19667	1	26645
19953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \bar{K}^0K^*D^+\bar{D}^{*-}\bar{n}\Delta^0p\bar{p})$	19952	19668	1	26646
19954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^-D^{*0})$	19953	19669	1	26647
19955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}\gamma)$	19954	19670	1	26648
19956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\bar{K}^0p\bar{p}$ $(e^+e^- \to \pi^0\bar{K}^0D^-\bar{\Delta}^-\Delta^0p\bar{p})$	19955	19671	1	26649
19957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^-\pi^-\pi^-D^+\bar{\Delta}^0\Delta^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*0}\bar{\Delta}^0\Delta^{++}\Delta^{++}\bar{\Delta}^{++})$	19956	19672	1	26650
19958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^-\eta D^+D^0n\bar{\Delta}^0)$	19957	19673	1	26651

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{K}^*K^+D^-D^0D_s^-)$	19958	19674	1	26652
19960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to \rho^0\pi^-K^+K^-D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	19959	19675	1	26653
19961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^-\rho^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\bar{K}^0K^+D^+D^-)$	19960	19676	1	26654
19962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}\eta'\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}\eta'\bar{D}^{*-}\bar{D}^{*0})$	19961	19677	1	26655
19963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \omega D^+\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \pi^-\omega D^+\bar{D}^0D_s^+\Lambda\bar{\Sigma}^-)$	19962	19678	1	26656
19964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^-D^{*+}D_1^+)$	19963	19679	1	26657
19965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^+\Delta^+\bar{\Sigma}_c^{*0})$	19964	19680	1	26658
19966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0K^0\bar{K}^0\bar{K}^*K^+K^-D^+\bar{D}^{*-})$	19965	19681	1	26659
19967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0D^{*+})$	19966	19682	1	26660
19968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++})$	19967	19683	1	26661
19969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, B^0 \to D^-\bar{n}p$ $(e^+e^- \to \rho^-D^-\bar{D}^{*0}D_s^{*+}\bar{n}p)$	19968	19684	1	26662
19970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \pi^+K^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+K^+K^{*-}\bar{D}^{*-}D_2^{*-})$	19969	19685	1	26663
19971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0D^0D_s^{*-})$	19970	19686	1	26664
19972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \bar{K}^*D^-D_s^{*+}\bar{\Delta}^0\Sigma_c^0)$	19971	19687	1	26665
19973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p})$	19972	19688	1	26666
19974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega D^+D^-)$	19973	19689	1	26667
19975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^{*-}D^+\bar{D}^{*-})$	19974	19690	1	26668

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-\Delta^0)$	19975	19691	1	26669
19977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0D^-D^{*0}n\bar{n})$	19976	19692	1	26670
19978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0K^{*-}D^+D^{*+})$	19977	19693	1	26671
19979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0)$	2350	2344	1	26672
19980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\bar{K}^*D^-\bar{D}^{*-}D^0)$	19979	19695	1	26673
19981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^-D^{*+}\bar{D}^0D_s^+)$	19980	19696	1	26674
19982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^-\omega D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\omega K^*D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	19981	19697	1	26675
19983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^-\eta\eta D^{*+}D^{*+})$	19982	19698	1	26676
19984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+D^-, B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^+D^-D^-D_s^+)$	19983	19699	1	26677
19985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}n\bar{p})$	19984	19700	1	26678
19986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^0\bar{K}^*K^+D^{*+}\bar{D}^{*0})$	19985	19701	1	26679
19987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+\bar{D}^{*-})$	19986	19702	1	26680
19988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	19987	6717	1	26681
19989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D^{*0}D_0^{*+})$	19988	19703	1	26682
19990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega K^{*+}\phi, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0K^{*+}K^{*-}\phi D^+)$	19989	19704	1	26683
19991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	19990	19705	1	26684
19992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^*K^-D^+D^-D^{*+}\bar{D}^{*0})$	2351	2345	1	26685

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
19993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^- D_0^{*+})$	19992	19707	1	26686
19994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^+K^{*+}D^-D^0\bar{p}\Xi_c'^0)$	19993	19708	1	26687
19995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-\rho^+\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	19994	19709	1	26688
19996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \rho^-\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	19995	19710	1	26689
19997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-D^+\bar{D}^0D_s^+)$	19996	19711	1	26690
19998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-\gamma, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to D^+D^0\Delta^0\bar{\Delta}^0a_1^-\gamma)$	19997	19712	1	26691
19999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^+D^{*+})$	19998	19713	1	26692
20000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+})$	19999	16891	1	26693
20001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^0\bar{D}^{*-}\bar{n}\Lambda_c^+)$	2352	2346	1	26694
20002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-K^*D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	20001	19715	1	26695
20003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_1'^+)$	20002	19716	1	26696
20004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\bar{\Delta}^-\Delta^-)$	20003	19717	1	26697
20005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0K^*D^-D^{*+}J/\psi)$	20004	19718	1	26698
20006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\omega D^0D_1'^-)$	20005	19719	1	26699
20007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \bar{D}^{*-}a_1^+$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}D_s^{*+}a_1^+)$	20006	19720	1	26700
20008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-D^+\bar{D}^0D_s^+n\bar{n})$	20007	19721	1	26701
20009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \omega\bar{K}^0n\bar{n}\bar{\Sigma}_c^0\Sigma_c^{*0})$	20008	19722	1	26702

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{p}\Sigma_c^{*0})$	20009	19723	1	26703
20011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^+K^{*-}\bar{D}^{*-}\bar{p}\Sigma_c^+)$	20010	19724	1	26704
20012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	20011	19725	1	26705
20013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \eta\bar{K}^0 J/\psi$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0 J/\psi D_1'^-)$	20012	19726	1	26706
20014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu K_S D^-\eta_c)$	20013	19727	1	26707
20015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-})$	20014	19728	1	26708
20016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\eta D^0 D_1^-)$	20015	19729	1	26709
20017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{D}^0 n\bar{n}, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}\bar{D}^0 n\bar{n})$	20016	19730	1	26710
20018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta' D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega\eta' D^-D^{*+})$	20017	19731	1	26711
20019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega K^{*-}D^-D^{*+}\bar{D}^0)$	20018	19732	1	26712
20020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \eta D^0p\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^-)$	20019	19733	1	26713
20021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\omega K^*\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\omega K^*D^0\bar{D}^0D_s^-)$	20020	19734	1	26714
20022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L D_2^{*+}\eta_c)$	20021	19735	1	26715
20023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	20022	19736	1	26716
20024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^{*+}D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}D^{*+}\bar{D}^0)$	20023	19737	1	26717
20025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\psi', \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D_2^{*+}D_s^{*-}\psi')$	20024	19738	1	26718
20026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^-D_1^+)$	20025	19739	1	26719

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0K^*\bar{\Delta}^-\Delta^-\bar{\Delta}^+\Sigma_c^{*+})$	20026	19740	1	26720
20028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^0K^-D^+D^-)$	20027	19741	1	26721
20029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\omega K^0K^+K^-K^{*-}D^+\bar{D}^{*-})$	20028	19742	1	26722
20030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, B^0 \to \rho^0\pi^+\pi^-\rho^-K^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+D^-\bar{D}^{*0})$	469	469	1	26723
20031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^-D^0)$	20030	19744	1	26724
20032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\eta'D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\eta\eta'\bar{D}^{*-}D^{*0})$	20031	19745	1	26725
20033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^-\bar{D}^{*-})$	20032	19746	1	26726
20034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^0)$	2354	2348	1	26727
20035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+J/\psi K_1^0)$	20034	19748	1	26728
20036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0\bar{D}^{*-}\psi')$	20035	19749	1	26729
20037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D_2^{*-}\eta_c)$	20036	19750	1	26730
20038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\omega K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^{*-})$	20037	19751	1	26731
20039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\eta\omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\eta\omega K^*\bar{K}^*K^+K^-D^-D^{*+})$	20038	19752	1	26732
20040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	20039	19753	1	26733
20041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	20040	19754	1	26734
20042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-\omega\eta'D^+D^{*+})$	20041	19755	1	26735
20043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0K^+D^+\bar{D}^{*-}D^{*0}D_s^-)$	20042	19756	1	26736

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\omega D^-\bar{D}^{*-}\bar{n}p\bar{\Delta}^+\Delta^{++})$	20043	19757	1	26737
20045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta\bar{D}^{*-}D^0D_s^-)$	20044	19758	1	26738
20046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0D^0\bar{D}^0D^{*0})$	20045	19759	1	26739
20047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*0}\gamma)$	20046	19760	1	26740
20048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega\omega D^-D^{*+})$	20047	19761	1	26741
20049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}a_1^-)$	20048	19762	1	26742
20050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-\bar{D}^{*0})$	20049	19763	1	26743
20051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+\rho^-K^+D^{*+}\bar{D}^{*-})$	20050	19764	1	26744
20052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_0^{*+}D_{s1}'^+)$	20051	19765	1	26745
20053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\pi^+\pi^+\omega K^0K^-\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\omega K^0K^-D^-\bar{D}^{*-})$	20052	19766	1	26746
20054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\pi^-\rho^+D^+D^{*+})$	20053	19767	1	26747
20055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	20054	19768	1	26748
20056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^-\bar{n}p, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\eta\omega D^-D^0\bar{n}p)$	20055	19769	1	26749
20057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to \pi^+\bar{D}^0\bar{p}\Lambda$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\bar{D}^0\bar{D}^0\bar{p}\Lambda)$	20056	19770	1	26750
20058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta\eta K^0\bar{K}^0D^+\bar{D}^{*0})$	20057	19771	1	26751
20059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\omega\eta' D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\eta' D^+D^-n\bar{n})$	20058	19772	1	26752
20060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \pi^0\bar{K}^0K^+\phi D^-$ $(e^+e^- \to \pi^0K_S\bar{K}^0K^+\phi D^-J/\psi)$	20059	19773	1	26753

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^-\eta\bar{K}^0 D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\eta\bar{K}^0 D^- D^{*+}\bar{D}^{*0} a_1^+)$	20060	19774	1	26754
20062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^- D^+\bar{n}\Lambda_c^+)$	20061	19775	1	26755
20063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	470	470	1	26756
20064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\omega\bar{K}^0 K^+ D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\omega\bar{K}^0 K^+ D^- D^-)$	20063	19777	1	26757
20065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*0} D_s^{*-})$	20064	19778	1	26758
20066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^- D^{*+}\bar{D}^{*-})$	20065	19779	1	26759
20067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0 K^* D^+, \bar{B}^0 \to \rho^0\rho^0\pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0 K^* K^+ K^{*-} D^+ D^{*+})$	20066	19780	1	26760
20068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D_s^{*+} D_s^{*-}, \bar{B}^0 \to \rho^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \rho^- K^0\bar{K}^0\bar{K}^* D^{*+} D_s^{*+} D_s^{*-})$	20067	19781	1	26761
20069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \rho^0\rho^0\rho^-\eta\eta D^+$ $(e^+e^- \to \rho^0\rho^0\rho^-\eta\eta D^+\bar{D}^{*-} D_s^+)$	20068	19782	1	26762
20070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ K^* D^- D^{*+})$	20069	19783	1	26763
20071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^- K^0 D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^0 D^+ D^-)$	20070	19784	1	26764
20072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+ K^0 D^{*+}\bar{D}^{*-})$	2356	2350	1	26765
20073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^0\bar{D}^0 D_1^+)$	20072	19786	1	26766
20074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- K^+ D^{*+}\chi_{c1})$	20073	19787	1	26767
20075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, B^0 \to \pi^0\bar{K}^0 K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0 K^+ K^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	20074	19788	1	26768
20076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ a_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+ D^+ a_1^-)$	20075	19789	1	26769
20077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\omega\omega D^+ D^-)$	20076	19790	1	26770

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	20077	19791	1	26771
20079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^-D^{*+})$	20078	19792	1	26772
20080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^-\bar{K}^*K^{*+}D^+D_1^+)$	20079	19793	1	26773
20081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\Sigma^+\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}\Sigma^+\bar{\Sigma}^{*-})$	20080	19794	1	26774
20082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^-K^{*+}D^{*+}D^{*+}D_{s1}'^-)$	20081	19795	1	26775
20083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0\bar{D}^{*-}D_1^+)$	20082	19796	1	26776
20084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0D_s^{*+})$	20083	19797	1	26777
20085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^*K^-K^{*+}D^+D_s^{*-})$	20084	19798	1	26778
20086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{p}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{D}^0p\bar{p})$	20085	19799	1	26779
20087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\Delta^0\bar{\Xi}_c^0)$	20086	19800	1	26780
20088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	20087	19801	1	26781
20089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	20088	19802	1	26782
20090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^{*+}D_s^{*-})$	20089	19803	1	26783
20091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1'^+)$	20090	19804	1	26784
20092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^{*0})$	20091	19805	1	26785
20093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, B^0 \to \pi^+\pi^+\rho^-\eta D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta D^-\Delta^0\bar{\Sigma}_c^{*-})$	20092	19806	1	26786
20094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\omega K^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega K^+K^-K^{*+}D^{*+})$	20093	19807	1	26787

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{D}^0D^{*0}D_s^{*+})$	20094	19808	1	26788
20096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+K^*\bar{D}^{*-}J/\psi)$	20095	19809	1	26789
20097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^{*-}D^{*+}\bar{D}^{*-}a_1^+)$	20096	19810	1	26790
20098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega K^*D^+\bar{D}^{*-})$	20097	19811	1	26791
20099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	20098	15910	1	26792
20100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-D^-, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\rho^+K^0\bar{K}^0K^-D^-\chi_{c1})$	20099	19812	1	26793
20101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^+D^{*+}\bar{D}^{*-}a_1^-)$	20100	19813	1	26794
20102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^-D^+D^-D_s^{*+})$	20101	19814	1	26795
20103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{n}\Lambda_c^+)$	20102	19815	1	26796
20104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^+D_2^{*-})$	20103	19816	1	26797
20105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	20104	19817	1	26798
20106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta D^-D_2^{*+})$	20105	19818	1	26799
20107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\pi^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0D^-D^{*0})$	20106	19819	1	26800
20108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0})$	20107	19820	1	26801
20109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu X_u^+\pi^+\pi^-D^{*+})$	20108	19821	1	26802
20110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega\omega\bar{D}^{*-}D^{*0})$	20109	19822	1	26803
20111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to e^+\nu_eK^-D^-\bar{\Lambda}\Sigma_c^+)$	20110	19823	1	26804

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \rho^0\pi^+ K^0 K^{*-} D^{*+}\bar{D}^{*-})$	20111	19824	1	26805
20113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-\bar{K}^* K^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\rho^-\rho^-\bar{K}^* K^+ D_0^{*-})$	20112	19825	1	26806
20114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0\bar{K}^0 K^+ K^+ D_s^-, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^0\bar{K}^* K^+ K^+ D^- D^{*+} D_s^-)$	20113	19826	1	26807
20115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega\omega\bar{D}^{*-} D^0 D_s^{*-})$	20114	19827	1	26808
20116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^0\pi^+\eta D^{*+}\bar{D}^{*-} a_1^-)$	20115	19828	1	26809
20117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0 p\bar{\Delta}^+, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+ D^{*+} n\bar{n} p\bar{\Delta}^+)$	20116	19829	1	26810
20118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0 K^0 D^+ D^{*+}\bar{D}^{*-} n\bar{p})$	20117	19830	1	26811
20119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-, \bar{B}^0 \to \pi^+\bar{K}^0 K^-\bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0 K^- D^+\bar{D}^{*-} D_s^- D_s^{*+})$	20118	19831	1	26812
20120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^- D^{*+})$	20119	19832	1	26813
20121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^- D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^0 K^- D^+ D^{*+})$	20120	19833	1	26814
20122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta\omega D^- D^{*+})$	20121	19834	1	26815
20123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\eta K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^- D^+ D^-\bar{D}^{*0})$	20122	19835	1	26816
20124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s0}^{*+}, B^0 \to e^+\nu_e D_1^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-} D_1^- D_{s0}^{*+})$	20123	19836	1	26817
20125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Xi}_c^0, \bar{B}^0 \to \rho^+ K^-\eta_c$ $(e^+e^- \to \rho^+\rho^- K^-\eta_c\Delta^+\bar{\Xi}_c^0)$	20124	19837	1	26818
20126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta K^0\bar{K}^0\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-})$	20125	19838	1	26819
20127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta' D^-, B^0 \to \pi^0\pi^0\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega\omega\eta' D^- D^-)$	20126	19839	1	26820
20128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^-\eta\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta\omega D^-\bar{n}\Lambda_c^+)$	20127	19840	1	26821

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^{*0}, \bar{B}^0 \to \pi^0 \bar{K}^0 D^{*0}$ $(e^+e^- \to \pi^0 \rho^- \bar{K}^0 K^+ D^{*0} D^{*0})$	20128	19841	1	26822
20130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\omega \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\eta K^* K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta\omega\omega\omega K^* K^- D^+ \bar{D}^{*0})$	20129	19842	1	26823
20131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\bar{K}^* K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\omega\bar{K}^* K^{*+} D^+ \bar{D}^0)$	20130	19843	1	26824
20132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\eta D^- \bar{D}^{*-})$	20131	19844	1	26825
20133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+ K^- D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+ K^- D^{*+} \bar{D}^{*-} \bar{D}^{*-})$	20132	19845	1	26826
20134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^- K^0 \bar{K}^0 D^+$ $(e^+e^- \to \pi^+\pi^-\rho^- K^0 \bar{K}^0 D^+ D_2^{*-} D_s^+)$	20133	19846	1	26827
20135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+ K^- D^- D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^- D^- D^{*+} D^0)$	20134	19847	1	26828
20136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\rho^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-})$	20135	19848	1	26829
20137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-} D_1'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} D_s^{*-} D_1'^+)$	20136	115	1	26830
20138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+} D^{*+})$	20137	19849	1	26831
20139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^- \Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \rho^+ D^+ D^- \Sigma^0\bar{\Sigma}^0 a_1^-)$	20138	19850	1	26832
20140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\omega D^- D^{*+})$	20139	19851	1	26833
20141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta D^+ D^+ D_s^-)$	20140	19852	1	26834
20142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \rho^-\eta' D^+$ $(e^+e^- \to \rho^+\rho^+\rho^-\rho^-\omega\eta' D^+ D^-)$	20141	19853	1	26835
20143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\omega K^*, \bar{B}^0 \to \bar{K}^0 D^{*0} \bar{D}^{*0}$ $(e^+e^- \to \eta\omega\omega\bar{K}^0 K^* D^{*0} \bar{D}^{*0})$	20142	19854	1	26836
20144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^- K^+ \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^- K^+ D^+ \bar{D}^{*0})$	20143	19855	1	26837
20145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^{*+} K^{*-} D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+ K^{*+} K^{*-} D^+ D^-)$	20144	19856	1	26838

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\omega K^{*+}, \bar{B}^0 \to \pi^-\omega D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\omega\omega K^{*+}D^+\Sigma^+\bar{\Sigma}^-)$	20145	19857	1	26839
20147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-D_2^{*+}\bar{D}^0D^{*0})$	20146	19858	1	26840
20148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^*K^-D^{*+}\bar{D}^{*0})$	20147	19859	1	26841
20149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^+\rho^-\omega K^+\bar{D}^{*-}D^{*0}D^{*0})$	20148	19860	1	26842
20150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K_S\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\eta K_S\bar{D}^{*-}\chi_{c1})$	20149	19861	1	26843
20151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\omega\bar{K}^0\bar{D}^{*-}D^0)$	20150	19862	1	26844
20152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \pi^-K^+D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^-K^+D^+\bar{D}^{*0}\bar{p}\Lambda\bar{\Lambda}\Sigma^0)$	20151	19863	1	26845
20153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta K^0\bar{K}^0D^-D^{*+})$	20152	19864	1	26846
20154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+D^-)$	20153	19865	1	26847
20155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\eta K^*\bar{K}^*K^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta K^*\bar{K}^*K^{*+}D^+D_s^-)$	20154	19866	1	26848
20156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^-)$	20155	19867	1	26849
20157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Lambda\bar{\Sigma}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}\Lambda\bar{\Sigma}^{*0})$	20156	19868	1	26850
20158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-})$	20157	19869	1	26851
20159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega\bar{K}^*\bar{D}^{*-}J/\psi)$	20158	19870	1	26852
20160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^*D^-D^{*+}a_1^+)$	20159	19871	1	26853
20161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta D^-, B^0 \to \bar{K}^0K^*K^{*+}\phi D^-$ $(e^+e^- \to \rho^+\eta\bar{K}^0K^*K^{*+}\phi D^-D^-)$	20160	19872	1	26854
20162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D_s^+\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \pi^+\pi^-D^-D_s^+D_s^+\bar{\Delta}^0\Sigma^-)$	20161	19873	1	26855

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^- D^{*+}D^{*0})$	20162	19874	1	26856
20164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^+K^{*-}D^+\bar{D}^{*-}D_s^-)$	20163	19875	1	26857
20165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	20164	19876	1	26858
20166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0 n\bar{\Delta}^0)$	20165	19877	1	26859
20167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^{*+}\bar{D}^{*0}D_1'^+)$	20166	19878	1	26860
20168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	2357	2351	1	26861
20169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*0})$	20168	19880	1	26862
20170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \pi^+\rho^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*0})$	20169	19881	1	26863
20171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^0D_s^+\eta_c)$	20170	19882	1	26864
20172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	20171	19883	1	26865
20173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^{*+}\bar{n}\Sigma^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^0D^{*+}\bar{D}^{*-}\bar{n}\Sigma^0)$	20172	19884	1	26866
20174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \rho^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \rho^0\rho^-K^0D^{*+}\eta_c\gamma)$	20173	19885	1	26867
20175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^+\eta_c)$	20174	19886	1	26868
20176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{D}^{*0})$	20175	19887	1	26869
20177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\omega\eta'$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\omega\eta'D^-)$	2358	2352	1	26870
20178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	20177	19889	1	26871
20179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*0})$	20178	19890	1	26872

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^0D^{*+}D_s^{*-}\eta_c)$	20179	19891	1	26873
20181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^-D^{*+}\bar{n}p)$	20180	19892	1	26874
20182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*-}\Sigma^+\bar{\Sigma}^-)$	20181	19893	1	26875
20183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^+D^-\gamma\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^+D^-\bar{D}^{*-}\gamma\gamma)$	20182	19894	1	26876
20184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to K^{*-}D^{*+}$ $(e^+e^- \to \omega K^{*-}D^{*+}n\bar{\Sigma}_c^0)$	20183	19895	1	26877
20185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^*K^{*+}D^+D^-)$	20184	19896	1	26878
20186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+D^+\bar{D}^{*-}D_s^-\Sigma^-\bar{\Sigma}^0)$	20185	19897	1	26879
20187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega K^0, \bar{B}^0 \to \pi^-\rho^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\omega K^0D^{*+}\bar{n}p)$	20186	19898	1	26880
20188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^+\bar{D}^{*-}n\bar{\Sigma}_c^0)$	20187	19899	1	26881
20189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}\gamma$ $(e^+e^- \to \rho^+D^{*+}\Delta^+\Delta^+\bar{\Delta}^{++}\bar{\Sigma}_c^{*--}\gamma)$	20188	19900	1	26882
20190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^+D^0D_s^{*-}\Delta^+\bar{\Sigma}_c^{--})$	20189	19901	1	26883
20191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\eta_c, B^0 \to e^+\nu_e\eta D^-$ $(e^+e^- \to e^+\nu_e\eta K^*D^-\eta_c)$	20190	19902	1	26884
20192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^-D^+D^{*+}D_s^-)$	20191	19903	1	26885
20193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta'D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\eta'D^-D^{*+})$	20192	19904	1	26886
20194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta K^*K^-\phi D^+$ $(e^+e^- \to \mu^+\nu_\mu\eta K^*K^-\phi D^+\bar{D}^{*-})$	20193	19905	1	26887
20195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \rho^0\pi^+\omega K^+K^-D^-$ $(e^+e^- \to \rho^0\pi^+\omega K^+K^-D^-\bar{D}^{*-}D_s^{*+})$	20194	19906	1	26888
20196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}p\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^-D_2^{*-}D^{*0}p\bar{p})$	20195	19907	1	26889

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^0 p\bar{\Sigma}_c^-)$	471	471	1	26890
20198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ K_1^0\psi(3770))$	20197	19909	1	26891
20199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\bar{K}^0 D^{*+}\bar{\Lambda}\Sigma_c^0)$	20198	19910	1	26892
20200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0\phi D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\bar{K}^0\phi D^- D^{*+})$	20199	19911	1	26893
20201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{K}^0 D^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0 D^+ D^0\bar{D}^0)$	20200	19912	1	26894
20202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	20201	19913	1	26895
20203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+ K^+ K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-} D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\bar{K}^* K^+ K^{*-}\bar{D}^{*-}\bar{D}^{*-} D^0)$	20202	19914	1	26896
20204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^0 K^*\bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+ K^0 K^*\bar{K}^* K^- D^{*+}\bar{D}^{*-})$	20203	19915	1	26897
20205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\rho^+\rho^- D^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^- K^0 K^- D^+ D^-)$	20204	19916	1	26898
20206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}\bar{n}p)$	20205	19917	1	26899
20207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0 D^+ D^{*+}\bar{D}^{*-})$	20206	19918	1	26900
20208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \pi^0\pi^+\eta K^+ K^{*-} D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta K^+ K^{*-} D^- D_2^{*-})$	20207	19919	1	26901
20209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\eta\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta D^-\Sigma^-\bar{\Lambda})$	20208	19920	1	26902
20210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*0})$	20209	19921	1	26903
20211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+\bar{n}\Sigma^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- D^+\bar{D}^{*-}\bar{n}\Sigma^0\bar{\Sigma}^0\Sigma^{*0})$	20210	19922	1	26904
20212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\rho^+ K^- K^{*+} D^-, B^0 \to \pi^+\pi^-\pi^-\eta\bar{n}p$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta K^- K^{*+} D^-\bar{n}p)$	20211	19923	1	26905
20213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to D^+ D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^+ D_s^{*-}\gamma)$	20212	19924	1	26906

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^{*0}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^- \bar{K}^* K^+ D^- D^{*+} D^{*0})$	20213	19925	1	26907
20215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega\omega\bar{K}^* K^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\omega\omega\bar{K}^* K^+ D_1^-)$	20214	19926	1	26908
20216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \omega\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega\bar{K}^0 D^- D^{*+})$	20215	19927	1	26909
20217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta' D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta' D^+ D^{*+} D_s^-)$	472	472	1	26910
20218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega D^-, \bar{B}^0 \to D^{*+} D_{s1}'^- \gamma$ $(e^+e^- \to \pi^+\eta\eta\omega D^- D^{*+} D_{s1}'^- \gamma)$	20217	19929	1	26911
20219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^- K^*\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- K^* D^{*+}\bar{D}^0 D_s^{*-})$	20218	19930	1	26912
20220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \eta\bar{K}^* K^+ K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	20219	19931	1	26913
20221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{D}^0 D^{*0} D_s^+)$	20220	19932	1	26914
20222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^0\rho^+ D^-, B^0 \to \pi^- D^-\bar{\Delta}^-\Delta^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+ D^- D^-\bar{\Delta}^-\Delta^+)$	20221	19933	1	26915
20223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to K^0 D^- D^{*+} D_s^{*-}\bar{\Delta}^+\Delta^{++})$	20222	19934	1	26916
20224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-})$	20223	19935	1	26917
20225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+\bar{D}^0 D^{*0}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0 K^+ D^+\bar{D}^{*-}\bar{D}^0 D^{*0})$	20224	19936	1	26918
20226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^- K^0\bar{K}^0 K^+ D^+\bar{D}^{*-} D_s^{*-})$	20225	19937	1	26919
20227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0 D^- D^{*0}\bar{D}^{*0})$	20226	19938	1	26920
20228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^{*+}\bar{D}^{*-})$	20227	19939	1	26921
20229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\phi D^+\bar{D}^{*-} D_s^+)$	20228	19940	1	26922
20230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\rho^- D^+\bar{D}^{*-})$	20229	19941	1	26923

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0 D^+ D_s^+ D_s^-)$	20230	19942	1	26924
20232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \eta D^+ D_s^-$ $(e^+e^- \to \eta D^+ D_2^{*-} D_s^- D_s^{*+})$	20231	19943	1	26925
20233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	20232	19944	1	26926
20234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ \pi^+\pi^+\pi^-\pi^- D^{*0})$	20233	19945	1	26927
20235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^* K^{*+} D^-, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \rho^0\rho^- K^0\bar{K}^* K^{*+} D^- D^{*+})$	20234	19946	1	26928
20236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^+ D^-, \bar{B}^0 \to \pi^-\bar{K}^0 K^* D^+$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0 K^* K^+ D^+ D^+ D^-)$	20235	19947	1	26929
20237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^- D^{*+} D_s^{*+})$	20236	19948	1	26930
20238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-} D_s^-\Sigma^+\bar{\Sigma}^-)$	20237	19949	1	26931
20239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-} a_1^+)$	20238	19950	1	26932
20240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	20239	19951	1	26933
20241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\bar{K}^0 D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0 D^- D^{*+}\bar{D}^0)$	20240	19952	1	26934
20242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0 D_s^+, \bar{B}^0 \to \rho^+\phi D_s^-\gamma$ $(e^+e^- \to \rho^+\rho^-\phi\bar{D}^0 D_s^+ D_s^-\gamma)$	20241	19953	1	26935
20243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ n\bar{p}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\eta\bar{n}\Delta^{++}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta D^+ n\bar{n}\bar{p}\Delta^{++})$	20242	19954	1	26936
20244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}\bar{p}\Lambda_c^+)$	20243	19955	1	26937
20245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\omega\omega\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	20244	19956	1	26938
20246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\psi', \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to K_L D_2^{*+} D_s^-\psi')$	20245	19957	1	26939
20247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \eta D^{*0}$ $(e^+e^- \to \eta K^{*+} D^- D^{*0} D^{*0})$	20246	19958	1	26940

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega D^+ D^- a_1^+)$	20247	19959	1	26941
20249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^- D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^- D^{*+}\bar{n}p)$	20248	19960	1	26942
20250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega D^+ \bar{D}^{*-} D_s^{*+})$	20249	19961	1	26943
20251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	20250	19962	1	26944
20252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\psi', \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K_S D_1^+\psi')$	20251	19963	1	26945
20253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- D^+ D^-)$	20252	19964	1	26946
20254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to D^+ a_1^-\gamma$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_0^{*+} a_1^-\gamma)$	20253	19965	1	26947
20255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \rho^0\rho^+ D^-$ $(e^+e^- \to \rho^0\rho^+ D^- \bar{D}^{*-} D_{s1}'^+)$	20254	19966	1	26948
20256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+ D^-)$	20255	19967	1	26949
20257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e D^- D^0 p\bar{\Delta}^+)$	20256	19968	1	26950
20258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^* D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^* D^- \bar{D}^{*0})$	20257	19969	1	26951
20259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-\eta D^+, \bar{B}^0 \to \rho^0\pi^-\eta K^+ K^{*-} D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^-\eta\eta K^+ K^{*-} D^+ D^+)$	20258	19970	1	26952
20260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^- D^+ \bar{D}^{*-} D_s^{*+} n\bar{n})$	20259	19971	1	26953
20261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*0} a_1^+)$	20260	19972	1	26954
20262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^* D^{*+}, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \rho^- K^* D^{*+} D_s^- D_1^+)$	20261	19973	1	26955
20263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\omega\omega D^- D^{*+})$	20262	19974	1	26956
20264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^-\omega D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^-\omega\bar{K}^* K^+ D^+ D^-\bar{p}\Delta^+)$	20263	19975	1	26957

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	20264	19976	1	26958
20266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	20265	19977	1	26959
20267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-})$	20266	19978	1	26960
20268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+}D_{s1}'^-)$	20267	19979	1	26961
20269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta D^-D^{*+}D_s^{*-})$	20268	19980	1	26962
20270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^-D^{*0})$	20269	19981	1	26963
20271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^+\bar{D}^{*-})$	20270	19982	1	26964
20272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega\omega D^-D^{*+})$	20271	19983	1	26965
20273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta' D^{*+}D_0^{*-})$	20272	19984	1	26966
20274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0D^{*+}\bar{D}^{*-}D_s^{*+}D_s^{*-})$	20273	19985	1	26967
20275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0\bar{D}^0\chi_{c2})$	20274	19986	1	26968
20276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^+D^-D^{*+}D^{*0})$	20275	19987	1	26969
20277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^-J/\psi$ $(e^+e^- \to \pi^+\pi^+\eta\eta K^-\bar{D}^{*-}J/\psi)$	20276	19988	1	26970
20278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\omega K^0\bar{K}^0K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega K^0\bar{K}^0K^+K^-D^0\bar{D}^0)$	20277	19989	1	26971
20279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^+D^+\bar{D}^{*-})$	20278	19990	1	26972
20280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to K^0D^-D^{*+}$ $(e^+e^- \to \pi^+\omega K^0D^-D^-D^{*+})$	20279	19991	1	26973
20281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0D^+D^-)$	20280	19992	1	26974

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+, \bar{B}^0 \to \pi^+\pi^+ K^{*-} D^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^- K^{*-} D^+ D^- D^{*0})$	20281	19993	1	26975
20283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0 D^+\Delta^0\bar{\Xi}_c^0)$	20282	19994	1	26976
20284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-})$	20283	19995	1	26977
20285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^* K^+ D^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\bar{K}^* K^+ D^- D^{*+} D_{s1}'^-)$	20284	19996	1	26978
20286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^- K^* D^+ D^{*+}\bar{D}^{*-})$	20285	19997	1	26979
20287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^-\eta D^+ p\bar{\Sigma}_c^-)$	2361	2355	1	26980
20288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0} D_1^-)$	20287	19999	1	26981
20289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^- D_2^{*+})$	20288	20000	1	26982
20290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^0\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^- K^0 D^{*+}\bar{D}^0)$	20289	20001	1	26983
20291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^+ D^{*0}, \bar{B}^0 \to \pi^0\pi^0 D^{*0}\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^- K^+ D^{*0} D^{*0}\Delta^{++}\bar{\Delta}^{++})$	20290	20002	1	26984
20292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^- D_2^{*+} D_1'^-)$	20291	20003	1	26985
20293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\eta_c, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K_L K^- D^{*+}\bar{D}^{*0}\eta_c)$	20292	20004	1	26986
20294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	20293	20005	1	26987
20295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+} n\bar{p})$	20294	20006	1	26988
20296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+ D^-)$	20295	20007	1	26989
20297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+ D_2^{*-})$	20296	20008	1	26990
20298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to K^+ D^+\bar{D}^{*-} D^{*0} D_{s1}'^-)$	20297	20009	1	26991

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0K^-D^{*+}\bar{D}^{*-}D_{s1}'^{+})$	20298	20010	1	26992
20300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	20299	7783	1	26993
20301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+D^+D^-D_s^{*+})$	20300	20011	1	26994
20302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-})$	20301	20012	1	26995
20303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^-D^{*+})$	2362	2356	1	26996
20304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*-}D^+D^{*+}\bar{D}^0)$	20303	20014	1	26997
20305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta'D^+\bar{D}^{*-}D_s^{*-})$	20304	20015	1	26998
20306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^+\bar{D}^0D^{*0})$	20305	20016	1	26999
20307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\omega K^+K^+K^-K^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega K^+K^+K^-K^{*-}D^+D_s^-)$	20306	20017	1	27000
20308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\rho^-D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^+\rho^-D^+D^-n\bar{\Delta}^{++})$	20307	20018	1	27001
20309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^-D^{*+}\bar{D}^{*0}D_s^+)$	473	473	1	27002
20310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	20309	20020	1	27003
20311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^*\bar{K}^*, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta K^0K^*\bar{K}^*D^+)$	20310	20021	1	27004
20312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^+K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+K^-K^{*+}D^+D^-\bar{D}^0)$	20311	20022	1	27005
20313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0K^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega\omega K^0K^-\bar{D}^0D_1^+)$	20312	20023	1	27006
20314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+D^{*+})$	20313	20024	1	27007
20315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta\omega\omega D^-D^-)$	20314	20025	1	27008

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^- \gamma$ $(e^+e^- \to \pi^0 K^0 D^+ D^{*+} \bar{D}^{*-} a_1^- \gamma)$	20315	20026	1	27009
20317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^- K^{*+} D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu \pi^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0 \rho^0 \pi^- \rho^- K^{*+} D^+ D^{*+})$	20316	20027	1	27010
20318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0 D_s^{*+})$	20317	20028	1	27011
20319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^- D^+ \bar{D}^0 D_s^+ D_s^{*-})$	20318	20029	1	27012
20320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D_1'^-, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{\Delta}^- n$ $(e^+e^- \to \pi^-\rho^+\rho^+\bar{D}^{*-}\bar{\Delta}^- n D_1'^-)$	20319	20030	1	27013
20321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^+\rho^- D^+ \bar{D}^{*-}\gamma)$	20320	20031	1	27014
20322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*+} n\bar{p}$ $(e^+e^- \to e^+\nu_e \pi^+\pi^-\omega D^{*+}\bar{D}^{*-} n\bar{p})$	20321	20032	1	27015
20323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	20322	20033	1	27016
20324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \rho^0\pi^+\pi^-\rho^- K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	20323	20034	1	27017
20325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L J/\psi, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to K_L D^{*+} D_s^- J/\psi)$	20324	20035	1	27018
20326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+ D^-, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \eta\bar{K}^0 K^+ D^- D^{*0}\bar{D}^{*0})$	20325	20036	1	27019
20327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0 n\bar{\Delta}^0, \bar{B}^0 \to \pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^0\bar{D}^0 n\bar{\Delta}^0)$	20326	20037	1	27020
20328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^- K^+ D^+\bar{D}^{*-} n\bar{n}\bar{n}p)$	20327	20038	1	27021
20329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+ K^0 K^- D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^0 K^- D^- D^{*+})$	20328	6048	1	27022
20330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0 K^+\phi D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^0\bar{K}^0\bar{K}^0 K^+\phi D^-)$	20329	20039	1	27023
20331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to \pi^0\pi^0 D^- D_s^+$ $(e^+e^- \to e^+\nu_e \pi^0\pi^0 D^-\bar{D}^{*-} D_s^+)$	20330	20040	1	27024
20332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to \rho^0\bar{K}^0 K^+ K^-\phi$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0 K^+ K^-\phi D^{*+})$	20331	20041	1	27025

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to K^*\bar{\Sigma}^+\Omega^-$ $(e^+e^- \to e^+\nu_e\eta K^*\bar{D}^{*-}\bar{\Sigma}^+\Omega^-)$	20332	20042	1	27026
20334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^0D_s^{*+}D_s^{*-}D_1^-)$	20333	20043	1	27027
20335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\eta, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega D^+)$	20334	20044	1	27028
20336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	20335	20045	1	27029
20337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D_s^-D_1^+)$	20336	20046	1	27030
20338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-})$	2364	2358	1	27031
20339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0D^{*0}$ $(e^+e^- \to \rho^0K^+\bar{D}^{*-}D^{*0}D^{*0})$	20338	20048	1	27032
20340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\rho^-\eta\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\bar{K}^0K^*D^+D_1^-)$	20339	20049	1	27033
20341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega K^0K^0\bar{K}^0\bar{K}^0D^-D^{*+})$	20340	20050	1	27034
20342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta'D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\eta'D^+D^-D_s^-)$	20341	20051	1	27035
20343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\bar{K}^0D^{*+}\bar{D}^{*-})$	20342	20052	1	27036
20344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0\phi\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{K}^0\phi D^{*+}\bar{D}^{*-})$	20343	20053	1	27037
20345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	20344	20054	1	27038
20346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	20345	20055	1	27039
20347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-D^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^-D^{*+}\bar{\Sigma}^+\Sigma^-)$	474	474	1	27040
20348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \eta\bar{K}^0K^*K^{*+}K^{*-}D^-D^{*+})$	20347	20057	1	27041
20349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-})$	20348	20058	1	27042

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\bar{K}^0K^+D^+\bar{D}^{*-})$	20349	20059	1	27043
20351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}D^{*0})$	20350	20060	1	27044
20352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\rho^-D^+D_2^{*-}D_s^{*+}\Sigma^+\bar{\Sigma}^-)$	20351	20061	1	27045
20353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\eta D^{*+}\bar{D}^{*-})$	20352	20062	1	27046
20354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D^{*+}D_{s1}'^-)$	20353	20063	1	27047
20355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+K^-\eta_c$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D^-\eta_c)$	20354	20064	1	27048
20356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+D^-D_{s0}^{*+})$	20355	20065	1	27049
20357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-})$	20356	20066	1	27050
20358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-}D_{s0}^{*-}D_{s1}'^+)$	20357	20067	1	27051
20359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \rho^+\Sigma^{*0}\bar{\Xi}_c^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+\Sigma^{*0}\bar{\Xi}_c^{*-}D_1'^-)$	20358	20068	1	27052
20360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\omega D^+D^-\bar{n}p)$	20359	20069	1	27053
20361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^+D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+D^+D_s^{*-})$	20360	20070	1	27054
20362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\chi_{c0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L D_0^{*+}\chi_{c0})$	20361	20071	1	27055
20363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \omega D^{*+}\bar{D}^{*0}a_1^-)$	20362	20072	1	27056
20364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^0\bar{\Delta}^0\Xi_c^{*0})$	20363	20073	1	27057
20365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\eta\eta\bar{K}^0D^-D^{*+})$	20364	20074	1	27058
20366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-D^-\bar{n}\Sigma_c^{*+})$	20365	20075	1	27059

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-p\bar{\Lambda}, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0K^0\bar{K}^*K^-\eta_c p\bar{\Lambda})$	20366	20076	1	27060
20368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0K^+\bar{D}^{*-}D_1'^+)$	20367	20077	1	27061
20369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-D^{*+}p\bar{\Xi}_c'^0)$	20368	20078	1	27062
20370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^0\bar{\Delta}^0\Sigma^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^0\bar{\Delta}^0\Sigma^{*0})$	20369	20079	1	27063
20371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++})$	20370	20080	1	27064
20372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-)$	20371	20081	1	27065
20373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta K^{*-}D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^{*-}\bar{D}^{*-}D_s^{*+})$	20372	20082	1	27066
20374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_2^{*+}D_0^{*-})$	20373	20083	1	27067
20375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-J/\psi)$	20374	20084	1	27068
20376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0\Delta^+\bar{\Sigma}_c^{--})$	20375	20085	1	27069
20377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{\Lambda}\Sigma^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+D^+\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	20376	20086	1	27070
20378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \rho^+K^-\bar{D}^0$ $(e^+e^- \to \rho^+K_2^{*0}K^-\bar{D}^0J/\psi)$	20377	20087	1	27071
20379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^0\bar{D}^0, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0K^*D^0\bar{D}^0D_s^{*-}D_1^+)$	20378	20088	1	27072
20380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	20379	20089	1	27073
20381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	20380	20090	1	27074
20382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^+D^-\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^+\pi^-D^-\bar{D}^0D_s^{*+}\bar{\Delta}^-\Delta^-)$	20381	20091	1	27075
20383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega\omega\bar{K}^0K^+D^-D^{*+})$	20382	20092	1	27076

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^0\pi^+\omega D^- D^{*+})$	20383	20093	1	27077
20385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^+ D_s^{*-} D_1^-)$	20384	20094	1	27078
20386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\Delta^0\bar{\Sigma}_c^{*-} D_1'^+)$	20385	20095	1	27079
20387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ K^0\bar{K}^0 D^- D^{*+})$	2366	2360	1	27080
20388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0\bar{K}^0\bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{K}^0 D^-\bar{D}^{*-} D_s^{*+})$	20387	20097	1	27081
20389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^{*-}\bar{n}\Delta^{++})$	20388	20098	1	27082
20390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^-\omega K^*, B^0 \to \pi^-\rho^+ K^0\bar{K}^* K^+ K^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega K^0 K^*\bar{K}^* K^+ K^-)$	20389	20099	1	27083
20391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+ K^-\psi(3770)$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+ K^- D^-\psi(3770))$	20390	20100	1	27084
20392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^- D^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega\bar{K}^* K^+\eta'\bar{D}^{*-} D^0)$	20391	20101	1	27085
20393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^+ K^- D^{*+}\bar{D}^{*-})$	20392	20102	1	27086
20394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\eta K^+ K^{*-} D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta K^+ K^{*-} D^-\bar{D}^{*-})$	20393	20103	1	27087
20395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to K^* D^+ D^{*+}\bar{D}^{*-} a_1^-)$	20394	20104	1	27088
20396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \rho^- D^{*+}\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \rho^- D^{*+} D^{*+}\Delta^0\bar{\Delta}^+\Lambda\bar{\Sigma}^0)$	20395	20105	1	27089
20397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ K^0 D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^0\rho^+ K^0 D^- D^{*+} a_1^-)$	20396	20106	1	27090
20398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-\bar{D}^0\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-\eta D^{*+}\bar{D}^0\bar{n}p)$	20397	20107	1	27091
20399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \rho^0\pi^- D_2^{*+} D_s^{*-}\bar{\Lambda}\Lambda_c^+)$	20398	20108	1	27092
20400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+ K^- D^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+ K^- D^-\bar{D}^{*-} D^{*0})$	20399	20109	1	27093

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*0}, B^0 \to \pi^-K^+D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^-D^{*+}\bar{D}^{*0})$	20400	20110	1	27094
20402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	20401	20111	1	27095
20403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^+D_1'^-)$	20402	20112	1	27096
20404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\eta K^0K^-D^+\bar{D}^{*-})$	20403	20113	1	27097
20405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	20404	20114	1	27098
20406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K_2^{*0}D^-J/\psi)$	2367	2361	1	27099
20407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta K^0D^-D^{*+}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0D^-D^{*+}\bar{D}^{*-})$	20406	20116	1	27100
20408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+K^0K^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+K^0K^+K^-K^-D^{*+}\bar{D}^{*-}D^{*0})$	20407	20117	1	27101
20409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-D^+\bar{D}^{*-}n\bar{p})$	20408	20118	1	27102
20410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-})$	20409	20119	1	27103
20411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^*K^-D^+D^-)$	20410	20120	1	27104
20412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^{*-}, \bar{B}^0 \to \bar{K}^0K^*K^*K^{*-}D^{*+}$ $(e^+e^- \to K^0\bar{K}^0K^*K^*K^{*-}D^{*+}D_s^+D_s^{*-})$	2368	2362	1	27105
20413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_{s1}^+)$	20412	20122	1	27106
20414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-)$	20413	20123	1	27107
20415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*0}\Delta^+\bar{\Delta}^+D_1^+)$	20414	20124	1	27108
20416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^{*+}D^0)$	20415	20125	1	27109
20417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\pi^+\pi^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{n}p)$	20416	20126	1	27110

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\omega\omega K^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\omega\omega K^- D^+ D^-)$	20417	20127	1	27111
20419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \omega\omega D^{*0}$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^{*+} D^{*0})$	20418	20128	1	27112
20420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-} J/\psi)$	20419	20129	1	27113
20421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^+\omega K^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega K^- D^{*0}\bar{D}^{*0})$	20420	20130	1	27114
20422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega K^0 D^+\eta_c)$	20421	20131	1	27115
20423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta D^+\bar{D}^{*-})$	20422	20132	1	27116
20424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* J/\psi D_1'^+)$	20423	20133	1	27117
20425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+ D^- D^{*+})$	20424	20134	1	27118
20426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^0 D^- D^- D^{*+} a_1^+)$	2369	2363	1	27119
20427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\omega\omega D^+ D^-)$	20426	20136	1	27120
20428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+\bar{D}^{*-})$	20427	14506	1	27121
20429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega K^{*-} D^0$ $(e^+e^- \to \pi^+\omega K^0 K^{*-} D^{*+}\bar{D}^{*-} D^0)$	20428	20137	1	27122
20430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+ D^+\bar{D}^{*-} D_{s1}'^-)$	20429	20138	1	27123
20431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^- D^{*+} D^{*0})$	20430	20139	1	27124
20432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^- D^+ p\bar{\Xi}_c'^0)$	20431	20140	1	27125
20433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{K}^* K^{*+}\bar{D}^{*-}, B^0 \to \pi^+ K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^+ K^0\bar{K}^0\bar{K}^* K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	20432	20141	1	27126
20434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	20433	20142	1	27127

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\eta\eta D^+D^{*+})$	20434	20143	1	27128
20436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, B^0 \to \eta\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\eta\omega\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*-})$	2370	2364	1	27129
20437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0\eta'\bar{K}_0^{*0}, \bar{B}^0 \to \rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \rho^-K^0K^0\eta'D^{*+}p\bar{p}\bar{K}_0^{*0})$	20436	20145	1	27130
20438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-D_{s0}^{*-})$	20437	20146	1	27131
20439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\eta\eta\bar{D}^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta K^+D^-\bar{D}^{*0})$	20438	20147	1	27132
20440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}a_1^+)$	20439	20148	1	27133
20441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta\omega K^+\bar{D}^{*-}D^0)$	475	475	1	27134
20442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+K_1^0\psi(3770))$	20441	20150	1	27135
20443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0})$	20442	20151	1	27136
20444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^{*+})$	20443	20152	1	27137
20445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\eta\bar{K}^*$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega\bar{K}^*p\bar{\Xi}_c'^-)$	20444	20153	1	27138
20446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta'D^{*+}D_1'^-)$	20445	20154	1	27139
20447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D^{*+}\bar{n}p)$	20446	20155	1	27140
20448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to K^0\bar{n}\Omega_c^0$ $(e^+e^- \to K^0K^{*+}\bar{D}^{*-}D^0\bar{n}\Omega_c^0)$	20447	20156	1	27141
20449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-\gamma$ $(e^+e^- \to K^{*-}D^+D^{*+}\bar{D}^{*0}D_{s1}'^-\gamma)$	20448	20157	1	27142
20450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \rho^+\omega D^+D^-D_{s0}^{*-})$	20449	20158	1	27143
20451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\eta'D^{*+}\bar{D}^{*-})$	20450	20159	1	27144

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0 D^0 \bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to e^+\nu_e\pi^0 D^- D^0 \bar{\Sigma}^+\Sigma^-)$	20451	20160	1	27145
20453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*K^+\phi D_s^-, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}\bar{p}\Sigma^+$ $(e^+e^- \to \pi^+\pi^-K^*K^+K^+\phi\bar{D}^{*-}D_s^-\bar{p}\Sigma^+)$	20452	20161	1	27146
20454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \rho^0\omega\bar{K}^0K^{*+}D^-D^{*+}D_{s1}^-)$	20453	20162	1	27147
20455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \eta K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\eta K^*K^-D^{*+}n\bar{\Sigma}_c^{*0})$	20454	20163	1	27148
20456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+, \bar{B}^0 \to \rho^-\eta\eta\omega D^+\gamma$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\rho^-\eta\eta\omega D^+D^+\gamma)$	20455	20164	1	27149
20457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	20456	20165	1	27150
20458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}, \bar{B}^0 \to \rho^0K^0\bar{K}^0K^{*-}D^{*+}$ $(e^+e^- \to \rho^0K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0})$	20457	20166	1	27151
20459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^*, \bar{B}^0 \to \eta D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\eta\eta K^*D^{*+}\Delta^+\bar{\Delta}^{++})$	20458	20167	1	27152
20460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-D^{*+}D_1^+)$	20459	20168	1	27153
20461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}p\bar{p})$	20460	20169	1	27154
20462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-D^+D^-\bar{D}^{*0}n\bar{p})$	20461	20170	1	27155
20463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-})$	20462	20171	1	27156
20464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta K^{*+}D^+D^-D^{*0})$	20463	20172	1	27157
20465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\rho^+D^+\Delta^0\bar{\Xi}_c^{*-})$	2372	2366	1	27158
20466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0, \bar{B}^0 \to \pi^+K^-D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^0D_s^{*+}D_s^{*-})$	20465	20174	1	27159
20467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\eta\omega\omega\bar{D}^{*0}, \bar{B}^0 \to D^{*0}\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta\omega\omega D^{*0}\bar{D}^{*0}\bar{n}\Delta^0)$	20466	20175	1	27160
20468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^-K^+D_2^{*+}D^0\bar{D}^0D_s^-)$	20467	20176	1	27161

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-}D_s^{*-})$	20468	20177	1	27162
20470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0K^+D^-D^{*+}a_1^-)$	20469	20178	1	27163
20471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\omega\bar{K}^0K^{*+}D^+D^-)$	2373	2367	1	27164
20472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+D^-D^{*+}n\bar{p})$	20471	20180	1	27165
20473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0D^+\bar{D}^{*-})$	20472	20181	1	27166
20474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^-D_s^-D_s^{*+})$	20473	20182	1	27167
20475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to K^*\bar{K}^*D^-D^{*+}D^{*+}\bar{D}^{*-})$	20474	20183	1	27168
20476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+D^{*+}\Delta^0\bar{\Xi}_c^{*-})$	20475	20184	1	27169
20477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^*, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^*D^+\gamma)$	20476	20185	1	27170
20478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\bar{K}^*D^-D^-D^{*0})$	20477	20186	1	27171
20479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to K_SK^+\bar{D}^{*-}D^{*0}\eta_c)$	20478	20187	1	27172
20480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0D^+\bar{D}^{*-})$	20479	20188	1	27173
20481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*+}a_1^-)$	2374	2368	1	27174
20482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_1'^-)$	20481	20190	1	27175
20483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{\Delta}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*0}D_s^{*-}n\bar{\Delta}^0)$	20482	20191	1	27176
20484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega D^+\Delta^0\bar{\Sigma}_c^0)$	20483	20192	1	27177
20485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+\eta\omega D^{*+}\bar{D}^{*-}D_{s1}'^-)$	20484	20193	1	27178

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^{*-}D^+\bar{D}^{*-})$	20485	20194	1	27179
20487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^-D^+p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+D^-p\bar{p})$	20486	20195	1	27180
20488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^-D^{*+}D_1'^+)$	20487	20196	1	27181
20489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{n}\Delta^+)$	20488	20197	1	27182
20490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	20489	20198	1	27183
20491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D^-D_s^+D_s^-)$	20490	20199	1	27184
20492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+K^-D^-D^{*+}\bar{D}^{*0})$	20491	20200	1	27185
20493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^0D^-D^{*+}\bar{D}^{*-})$	20492	20201	1	27186
20494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0K^0D^{*+}D^{*+}\bar{D}^{*-}D_s^-)$	20493	20202	1	27187
20495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^+K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+K^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	20494	20203	1	27188
20496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to \eta D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\eta D^+\bar{D}^{*-}\bar{D}^0)$	20495	20204	1	27189
20497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0D_s^{*+}D_1^-)$	20496	20205	1	27190
20498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi'$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\bar{K}^0D^{*+}\psi')$	20497	20206	1	27191
20499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	20498	20207	1	27192
20500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	20499	20208	1	27193
20501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \omega\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\omega\bar{K}^0D^-D^-D^{*+}D_s^+)$	20500	20209	1	27194
20502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\bar{D}^{*0}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0K^0D^+\bar{D}^{*0}D_{s1}'^-)$	20501	20210	1	27195

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	20502	7783	1	27196
20504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	20503	20211	1	27197
20505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-)$	20504	20212	1	27198
20506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-D^{*+}\bar{D}^{*-})$	20505	20213	1	27199
20507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\eta\eta D^-$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^+D^-\bar{D}^{*-}D^{*0})$	20506	20214	1	27200
20508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\omega D^-D^{*+})$	20507	20215	1	27201
20509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^-D_s^{*+})$	20508	20216	1	27202
20510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}\gamma\gamma, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0D^-D^0\bar{D}^{*0}D_{s0}^{*+}\gamma\gamma)$	20509	20217	1	27203
20511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}n\bar{\Sigma}_c^0)$	20510	20218	1	27204
20512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0})$	20511	20219	1	27205
20513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega\bar{K}^0K^{*+}D^+\bar{D}^{*0})$	20512	20220	1	27206
20514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^+\pi^-D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^{*-}\bar{p}\Delta^{++})$	20513	20221	1	27207
20515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_s^{*+}D_1'^-)$	20514	20222	1	27208
20516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^*K^+K^{*-}D^{*+}\bar{D}^{*-})$	20515	20223	1	27209
20517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta\eta D^{*+}D^{*+})$	20516	20224	1	27210
20518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^-D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^-K^-D^+\Delta^{++}\bar{\Delta}^{++}\chi_{c1})$	20517	20225	1	27211
20519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^0)$	20518	20226	1	27212

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^- K^{*+} D^+ D^- D^{*+})$	20519	20227	1	27213
20521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^0 p\bar{p}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^0 p\bar{p})$	20520	20228	1	27214
20522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* \bar{D}^0 D^{*0}, \bar{B}^0 \to D^{*+} D_{s1}^-$ $(e^+e^- \to \pi^0 K^* D^{*+}\bar{D}^0 D^{*0} D_{s1}^-)$	20521	20229	1	27215
20523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D_2^{*-}$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau \bar{D}^{*-} D_2^{*-})$	20522	20230	1	27216
20524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\eta D^+ n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\eta\eta D^+ D^- n\bar{p})$	20523	20231	1	27217
20525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to K_L J/\psi$ $(e^+e^- \to K_L \bar{D}^{*-} D_s^{*+} J/\psi)$	20524	8201	1	27218
20526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, B^0 \to \pi^+\omega\bar{K}^0 K^* D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^0 K^* D^- D^- D_s^{*+})$	20525	20232	1	27219
20527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to K^* K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^* K^{*-} D^{*+}\bar{D}^{*-})$	20526	20233	1	27220
20528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-})$	20527	15900	1	27221
20529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\rho^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^- D^+\bar{D}^{*-}\bar{D}^0 D_s^{*+})$	20528	20234	1	27222
20530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}\bar{n}\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^+\bar{D}^{*-}\bar{n}\Delta^0)$	20529	20235	1	27223
20531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	20530	20236	1	27224
20532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^{*+}\bar{D}^{*-})$	20531	20237	1	27225
20533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-} D_1^-)$	20532	20238	1	27226
20534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\eta D^-\bar{\Delta}^0\bar{\Sigma}^+\Sigma^-\Sigma_c^0)$	20533	20239	1	27227
20535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	20534	20240	1	27228
20536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ D^{*+} D^0 D_s^{*-} D_s^{*-})$	20535	20241	1	27229

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}D^{*0}D^{*0})$	20536	20242	1	27230
20538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-D^+\Delta^0\bar{\Lambda}_c^-)$	20537	20243	1	27231
20539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{D}^0D_s^+\bar{n}p)$	2375	2369	1	27232
20540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^0\bar{K}^*D^+\bar{D}^{*-})$	20539	20245	1	27233
20541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\eta D^-D^{*+})$	20540	20246	1	27234
20542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\bar{K}^*K^+D^+\bar{D}^{*-})$	20541	20247	1	27235
20543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0D^-D^{*+})$	20542	20248	1	27236
20544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^-\bar{K}^*K^+D^+D_0^{*+})$	20543	20249	1	27237
20545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^-D^{*+}D_s^+)$	20544	20250	1	27238
20546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \rho^+\eta\eta D^{*+}\bar{D}^{*-}D_{s1}^-)$	20545	20251	1	27239
20547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+D^-\bar{D}^{*-}D^{*0}D_{s1}'^+)$	20546	14643	1	27240
20548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0D^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0K^*D^+D^-D^{*+}n\bar{\Delta}^+)$	20547	20252	1	27241
20549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*0}\bar{n}p)$	20548	20253	1	27242
20550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^+\rho^-D^-D^{*+})$	20549	20254	1	27243
20551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+})$	2376	2370	1	27244
20552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\omega D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}D^0)$	20551	20256	1	27245
20553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}D_1'^-)$	20552	20257	1	27246

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^{*+})$	20553	20258	1	27247
20555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0D^{*0}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\pi^-K^0D^+\bar{D}^0D^{*0}a_1^-)$	20554	20259	1	27248
20556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*0})$	20555	20260	1	27249
20557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi)$	20556	20261	1	27250
20558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	20557	3814	1	27251
20559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi(3770), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^{*+}\psi(3770))$	20558	20262	1	27252
20560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^-\bar{\Delta}^-\Delta^0)$	20559	20263	1	27253
20561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^-D_2^{*+})$	20560	20264	1	27254
20562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D_1^-)$	20561	20265	1	27255
20563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \bar{K}^0n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0n\bar{n}D_1^-)$	20562	20266	1	27256
20564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}n\bar{\Delta}^{++})$	20563	20267	1	27257
20565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+D^+D_s^{*-}\Delta^+\bar{\Sigma}_c^{--})$	20564	20268	1	27258
20566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^+D^-D^{*0}D_1^+)$	20565	20269	1	27259
20567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-\rho^-K^+K^-D^+D^+)$	20566	20270	1	27260
20568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\omega D^-D^{*+})$	20567	20271	1	27261
20569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}n\bar{\Lambda}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}n\Delta^+\bar{\Delta}^+\bar{\Lambda})$	20568	20272	1	27262
20570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-D^+D^+)$	20569	20273	1	27263

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^0\bar{K}^0\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	20570	20274	1	27264
20572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to K^+K^-\bar{D}^{*-}D^0\bar{\Delta}^0\Sigma_c^{*+})$	20571	20275	1	27265
20573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega\bar{K}^0K^{*+}\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^0)$	20572	20276	1	27266
20574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^0D^{*0})$	20573	20277	1	27267
20575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-K^+D^+\eta_c)$	20574	20278	1	27268
20576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^-D^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-\eta K^+D^-D^{*+}D^{*+}D_s^{*-})$	20575	20279	1	27269
20577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	20576	20280	1	27270
20578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+D^+\bar{D}^{*-})$	20577	20281	1	27271
20579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0D^{*+}\chi_{c1})$	20578	20282	1	27272
20580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}D_s^-)$	20579	20283	1	27273
20581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \bar{K}^*K^+D^-D^{*0}J/\psi)$	20580	20284	1	27274
20582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to \pi^0\pi^-\pi^-\eta D^+\bar{n}\Delta^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^-\eta K^{*+}D^+\eta_c\bar{n}\Delta^+)$	20581	20285	1	27275
20583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^0\pi^-\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^-\Sigma_c^{++})$	20582	20286	1	27276
20584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\eta\eta D^+D^-)$	20583	20287	1	27277
20585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^-K^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\eta K^+D^{*+})$	20584	20288	1	27278
20586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^-\rho^+K^0K^0\bar{K}^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta K^0K^0\bar{K}^0K^-D^+D^-)$	20585	20289	1	27279
20587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\bar{K}^0\eta' D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\bar{K}^0\eta' D^+D^{*+}a_1^-)$	20586	20290	1	27280

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta D^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-})$	20587	20291	1	27281
20589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*D^+D^-\bar{D}^{*-})$	2377	2371	1	27282
20590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^{*+}D_s^+D_s^{*-})$	20589	20293	1	27283
20591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Xi_c'^0$ $(e^+e^- \to \pi^0K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Xi_c'^0)$	20590	20294	1	27284
20592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{n}\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\bar{D}^{*-}D^{*0}\bar{n}\Delta^0)$	20591	20295	1	27285
20593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\eta_c, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0K_L\eta_c\bar{\Delta}^0\Sigma_c^{*0})$	20592	20296	1	27286
20594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\omega\omega K^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\omega\omega K^-\bar{D}^{*-}D_1'^-)$	20593	20297	1	27287
20595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\bar{D}^0)$	20594	20298	1	27288
20596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0J/\psi, \bar{B}^0 \to \eta\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \eta\bar{K}^0\bar{K}^0D^{*0}\bar{D}^{*0}J/\psi)$	20595	20299	1	27289
20597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c1}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^0D^{*+}D_s^{*-}\chi_{c1})$	20596	20300	1	27290
20598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^0D^+D^-D^{*+}a_1^-)$	20597	20047	1	27291
20599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+})$	20598	20301	1	27292
20600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \bar{D}^{*-}a_1^+\gamma$ $(e^+e^- \to D^-\bar{D}^{*-}a_1^+a_1^+\gamma)$	20599	20302	1	27293
20601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^0D^{*0}n\bar{n})$	20600	20303	1	27294
20602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+D^0D_s^{*-}J/\psi)$	20601	20304	1	27295
20603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^-K^{*+}D^+\bar{D}^{*-})$	20602	20305	1	27296
20604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \rho^-D_2^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^+D_2^{*+}\gamma)$	20603	20306	1	27297

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+ \bar{\Lambda}\Sigma^0$ $(e^+e^- \to \pi^- K^0 D^+ D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^0)$	20604	20307	1	27298
20606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \bar{D}^{*-} D_s^+\gamma$ $(e^+e^- \to \pi^+\omega\bar{D}^{*-}\bar{D}^{*-} D_s^+\gamma)$	20605	20308	1	27299
20607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	20606	20309	1	27300
20608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\omega D^{*+} D^{*+})$	2378	2372	1	27301
20609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to K^* D^+ D^-$ $(e^+e^- \to e^+\nu_e K^* D^+ D^- D_1'^-)$	20608	20311	1	27302
20610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^- D^{*+})$	20609	20312	1	27303
20611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^- K^{*+} D^+ D^- D^{*0})$	20610	20313	1	27304
20612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to e^-\bar{\nu}_e K^- D^+\bar{\Lambda}\Sigma_c^+)$	20611	20314	1	27305
20613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta' D^- D_2^{*+})$	20612	20315	1	27306
20614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\omega K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	20613	20316	1	27307
20615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ D^+\Delta^0\bar{\Sigma}_c^{*-})$	20614	20317	1	27308
20616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0 D^-\chi_{c0})$	20615	20318	1	27309
20617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Sigma}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}^{*0})$	20616	20319	1	27310
20618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 n\bar{\Xi}_c^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^- n\bar{\Xi}_c^0)$	20617	20320	1	27311
20619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\bar{D}^{*-} D_0^{*+})$	20618	20321	1	27312
20620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^{*+}\Delta^-\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+ D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^+)$	20619	20322	1	27313
20621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0 K^{*+} D^+ D^-)$	20620	20323	1	27314

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta D^- D^{*+})$	20621	20324	1	27315
20623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^0 D_s^+ D_s^-$ $(e^+e^- \to e^+\nu_e \bar{K}^0 D^- D_s^+ D_s^-)$	20622	20325	1	27316
20624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^0 K^- D^+, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^0 K^- D^+ D^+)$	20623	20326	1	27317
20625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \eta D^+ n\bar{p}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-\eta D^+ D^- n\bar{p})$	20624	20327	1	27318
20626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^+ \bar{D}^0, \bar{B}^0 \to \omega K^* K^- \phi D^+$ $(e^+e^- \to \omega K^* K^- K^{*-} \phi D^+ D^+ \bar{D}^0)$	2379	2373	1	27319
20627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to e^+\nu_e X_u^- \pi^+ D^0 D_s^{*-})$	20626	20329	1	27320
20628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0 \bar{K}^* D^-, \bar{B}^0 \to \pi^0\eta K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^0 K^0 \bar{K}^* K^- D^+ D^-)$	20627	20330	1	27321
20629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\rho^- D^{*+})$	20628	20331	1	27322
20630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to D^-\bar{\Sigma}^{*+}\Lambda$ $(e^+e^- \to \rho^+\omega D^- \bar{D}^{*-}\bar{\Sigma}^{*+}\Lambda)$	20629	20332	1	27323
20631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^+ D_1'^-)$	20630	20333	1	27324
20632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^- D^+ D^- D_s^-)$	20631	20334	1	27325
20633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0 D^{*+} D_s^{*-} \Delta^0\bar{\Sigma}_c^{*0})$	20632	20335	1	27326
20634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^* K^{*-}, \bar{B}^0 \to \bar{K}^*\chi_{c0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^*\bar{K}^* K^{*-}\chi_{c0})$	2380	2374	1	27327
20635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_{s0}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to D^+ D^{*+} D_s^{*-} D_{s0}^{*-})$	20634	20337	1	27328
20636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}^+, B^0 \to \rho^0\rho^+ K^+ K^- D^-$ $(e^+e^- \to \rho^0\rho^+ K^+ K^- D^- \bar{D}^{*-} D_{s1}^+)$	20635	20338	1	27329
20637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^- D^+ p\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- D^+ D^+ p\bar{p})$	20636	20339	1	27330
20638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^+ D^-)$	20637	16278	1	27331

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^+D^-)$	20638	20340	1	27332
20640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\omega D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-D^0)$	20639	20341	1	27333
20641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\rho^+\eta D^-D^{*+}D_s^-)$	20640	20342	1	27334
20642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\omega\omega\bar{D}^{*-}D^{*0})$	20641	20343	1	27335
20643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\omega K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^+K^{*-}D^-D^{*+})$	20642	20344	1	27336
20644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^+\eta K^-D^+D^-$ $(e^+e^- \to \pi^+\rho^+\eta\eta K^-D^+D^-D^-)$	20643	20345	1	27337
20645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*0})$	20644	20346	1	27338
20646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^+K^-D^{*+}\bar{D}^{*-})$	20645	20347	1	27339
20647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^0D^+D_s^{*+}D_s^{*-})$	20646	20348	1	27340
20648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta' D^+\Delta^-\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta' D^+D_2^{*-}\Delta^-\bar{p})$	20647	20349	1	27341
20649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to D^+D^-D_s^{*+}n\bar{p})$	2381	2375	1	27342
20650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\omega\omega D^-D^{*+}a_1^-)$	20649	20351	1	27343
20651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+K^0D^-D^{*+}D^{*0}D_s^{*-})$	20650	20352	1	27344
20652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^+D^-\bar{p}\Lambda_c^+)$	20651	20353	1	27345
20653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+\eta'\bar{D}^{*-}D_0^{*+})$	20652	20354	1	27346
20654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta K^*\bar{K}^*D^{*+}D^{*+})$	20653	20355	1	27347
20655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0)$	20654	20356	1	27348

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 \bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\eta D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta\eta K^0 D^+ \bar{D}^0 D^{*0})$	20655	20357	1	27349
20657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	20656	20358	1	27350
20658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^{*+} D^{*0}\bar{D}^{*0})$	20657	20359	1	27351
20659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 J/\psi, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^0\bar{D}^{*-} J/\psi)$	20658	20360	1	27352
20660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+ K^- D_s^- D_s^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^- D^{*0} D_s^- D_s^{*+})$	20659	20361	1	27353
20661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^* D^+ D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \eta K^* D^+ D^- D^{*+} D_s^{*-})$	20660	20362	1	27354
20662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- K^0 D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^- K^0 D^- D^{*+}\Delta^-\bar{\Delta}^0)$	20661	20363	1	27355
20663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^0\bar{D}^0, \bar{B}^0 \to \rho^+ K^{*-}\bar{D}^0$ $(e^+e^- \to \rho^0\rho^+ K^0 K^{*-} D^0\bar{D}^0\bar{D}^0)$	20662	20364	1	27356
20664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \bar{K}^0 D^{*+} D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda})$	20663	20365	1	27357
20665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^- K^0 D^+\bar{D}^{*-}\bar{p}\Lambda_c^+)$	20664	20366	1	27358
20666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- D^+ D_1^-)$	20665	20367	1	27359
20667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0 D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0 D^{*+}\bar{D}^0 D^{*0})$	20666	20368	1	27360
20668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to \pi^0 K^+ D^- D^0$ $(e^+e^- \to \pi^0 K^0 K^+ D^- D^- D^{*+} D^0)$	20667	20369	1	27361
20669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\chi_{c2}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^+\chi_{c2})$	20668	20370	1	27362
20670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to K^0 D^+ D_s^{*-}\Delta^+\bar{\Sigma}_c^-)$	2382	2376	1	27363
20671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\eta' D^{*+}\bar{D}^{*0})$	20670	20372	1	27364
20672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	20671	20373	1	27365

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+ D^- D^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \eta K^+ D^- D^0 D_1^+)$	20672	20374	1	27366
20674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^- K^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0 D^{*+}\bar{D}^{*0})$	20673	20375	1	27367
20675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta'\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	2383	2377	1	27368
20676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	20675	20377	1	27369
20677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to D^{*+} D_{s1}^-$ $(e^+e^- \to D^- D^{*+} D_{s1}^- a_1^+)$	20676	20378	1	27370
20678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega K^+ D^{*+}\bar{D}^{*-} D^{*0})$	20677	20379	1	27371
20679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\bar{D}^{*-} n\bar{\Delta}^+, \bar{B}^0 \to D^{*+} D_{s0}^{*-}$ $(e^+e^- \to \pi^+\rho^+ D^{*+}\bar{D}^{*-} n\bar{\Delta}^+ D_{s0}^{*-})$	20678	20380	1	27372
20680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0 K^+\phi D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0 K^+ K^-\phi D^- D^{*+}\bar{D}^0)$	20679	20381	1	27373
20681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\omega D^-, \bar{B}^0 \to \bar{K}^0\eta' D^+ D^-$ $(e^+e^- \to \rho^0\rho^+\omega\omega\bar{K}^0\eta' D^+ D^- D^-)$	20680	20382	1	27374
20682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^* D^- D^{*0}, \bar{B}^0 \to \pi^0\omega K^- D^+$ $(e^+e^- \to \pi^0\pi^+\omega K^* K^- D^+ D^- D^{*0})$	20681	20383	1	27375
20683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^- D^{*0} n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- D^{*0}\bar{D}^{*0} n\bar{p})$	20682	20384	1	27376
20684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- K^+ D^+ D^- D^{*0})$	20683	20385	1	27377
20685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^+ D^-\bar{p}\Sigma_c^0)$	20684	20386	1	27378
20686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-} D_1'^+)$	20685	20387	1	27379
20687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^* D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\omega\bar{K}^* D^- D^0\bar{D}^0)$	20686	20388	1	27380
20688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^- D^{*+}, B^0 \to D^-\bar{\Delta}^-\Delta^0$ $(e^+e^- \to K^* D^- D^- D^{*+}\bar{\Delta}^-\Delta^0)$	20687	20389	1	27381
20689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_s^{*+} D_1'^-, B^0 \to K^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^* D^{*+}\bar{D}^{*-} D_s^{*+} D_1'^-)$	20688	20390	1	27382

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}^+, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+} D_{s1}^+)$	20689	20391	1	27383
20691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^0 D_s^-, \bar{B}^0 \to \bar{K}^0 D_s^+ D_s^-$ $(e^+e^- \to \rho^0\pi^+\omega K^0\bar{K}^0 D_s^+ D_s^- D_s^-)$	20690	20392	1	27384
20692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_{s0}^{*+}, B^0 \to \mu^+\nu_\mu X_u^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^- D^- D_{s0}^{*+})$	20691	20393	1	27385
20693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0\eta_c, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \rho^0 K^0 D_2^{*+} D_s^{*-}\eta_c)$	20692	20394	1	27386
20694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-, B^0 \to \pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega D^- D^-)$	20693	20395	1	27387
20695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+} n\bar{p} D_1^-)$	20694	20396	1	27388
20696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to D^- D^{*+}\bar{D}^{*-}\bar{n}p)$	20695	20397	1	27389
20697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 K^+ K^- D^0$ $(e^+e^- \to e^+\nu_e\bar{K}^0 K^+ K^-\bar{D}^{*-} D^0)$	20696	20398	1	27390
20698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	20697	20399	1	27391
20699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 K^* D^- D^{*+}, B^0 \to \pi^0 K^+\bar{D}^{*-} D^0$ $(e^+e^- \to \pi^0\pi^0 K^* K^+ D^- D^{*+}\bar{D}^{*-} D^0)$	20698	20400	1	27392
20700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^0\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^- K^+ D^{*+} D^0\bar{D}^0)$	20699	20401	1	27393
20701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^+, \bar{B}^0 \to \pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^-\eta\omega\omega K^{*-} D^+ D^+)$	20700	20402	1	27394
20702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^- K^+ D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^- K^+ D^{*+} D^{*+}\bar{D}^{*-})$	20701	20403	1	27395
20703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \rho^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^- D^0\bar{D}^0)$	20702	20404	1	27396
20704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^- K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^- K^+ K^- D^+\bar{D}^{*-}\bar{D}^0 D^{*0})$	20703	20405	1	27397
20705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta' D^-, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta' D^+ D^- n\bar{p})$	20704	20406	1	27398
20706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^- D^{*+} p\bar{p}$ $(e^+e^- \to \pi^- D^{*+}\bar{D}^{*-} D_s^+ p\bar{p})$	20705	20407	1	27399

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-\gamma, \bar{B}^0 \to \pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\omega K^{*-}D^-D^{*0}\bar{D}^{*0}\gamma)$	20706	20408	1	27400
20708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \pi^+D^{*+}\Sigma^-\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^+\pi^-\omega D^+D^{*+}\Sigma^-\bar{\Sigma}^{*-})$	20707	20409	1	27401
20709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to e^+\nu_e K^{*+}D^-D_2^{*-}D^{*0})$	2384	2378	1	27402
20710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^-D^{*+}\bar{n}p)$	20709	20411	1	27403
20711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^0D_s^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\omega K^0K^*K^-D^{*+}D_s^{*-})$	20710	20412	1	27404
20712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^+D^-D_s^+)$	20711	20413	1	27405
20713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\eta'D^-D^{*+})$	20712	20414	1	27406
20714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\rho^-D^+D^+)$	2385	2379	1	27407
20715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D_s^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^0D^+D_s^-)$	20714	20416	1	27408
20716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^-\bar{K}^0K^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*0})$	20715	20417	1	27409
20717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-K^*D^+D^+D^-)$	20716	20418	1	27410
20718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	20717	20419	1	27411
20719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}a_1^-)$	20718	20420	1	27412
20720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^0, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \eta'D^{*+}\bar{D}^0\Delta^+\bar{\Delta}^{++})$	20719	20421	1	27413
20721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	2386	2380	1	27414
20722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^0D_s^{*-}n\bar{n})$	20721	20423	1	27415
20723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to D^-D_2^{*+}D_s^+D_s^{*-})$	20722	20424	1	27416

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p)$	20723	20425	1	27417
20725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega D^-D^{*0})$	20724	20426	1	27418
20726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}\bar{D}^{*-}\bar{n}\Delta^{++})$	20725	20427	1	27419
20727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0p\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^0D^{*+}D_s^{*-}p\bar{\Lambda}_c^-)$	20726	20428	1	27420
20728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	20727	20429	1	27421
20729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega\bar{K}^0D^{*+}\bar{D}^0)$	20728	20430	1	27422
20730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0D_s^{*+})$	20729	20431	1	27423
20731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	476	476	1	27424
20732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\eta K^-D^+D^{*+}\bar{D}^{*0})$	20731	20433	1	27425
20733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^*\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	20732	20434	1	27426
20734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{*0})$	20733	20435	1	27427
20735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	20734	20436	1	27428
20736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	2388	2382	1	27429
20737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\bar{K}^*\phi D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	20736	20438	1	27430
20738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D_s^+, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^0\bar{K}^*K^-D^-D^{*+}D_s^+)$	20737	20439	1	27431
20739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+})$	20738	20440	1	27432
20740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\bar{K}^0D^+D_1^-)$	20739	20441	1	27433

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\rho^+\rho^-D^-\bar{\Delta}^+\Sigma_c^{++})$	20740	20442	1	27434
20742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^-D^{*+}\bar{n}pa_1^-)$	20741	20443	1	27435
20743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta K^{*-}D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^{*-}\bar{D}^{*-}D_s^+)$	20742	20444	1	27436
20744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^0\bar{K}^0K^-K^-D_s^+$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0\bar{K}^0K^-K^-\bar{D}^{*-}D_s^+)$	20743	20445	1	27437
20745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0)$	20744	20446	1	27438
20746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^+D^+D^{*+}\bar{D}^{*-})$	20745	20447	1	27439
20747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \rho^0\rho^0\pi^+\pi^+K^0K^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^+K^0K^-\bar{D}^{*-}D_1'^-)$	20746	20448	1	27440
20748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-D^-D_2^{*-}D_s^+)$	20747	20449	1	27441
20749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^{*+}D_1^-)$	20748	20450	1	27442
20750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	20749	20451	1	27443
20751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	20750	20452	1	27444
20752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \rho^0\pi^-K^0D^{*+}D^{*0}\bar{D}^{*0}p\bar{p})$	20751	20453	1	27445
20753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^*D^-D^{*+})$	20752	20454	1	27446
20754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^-D^{*+}n\bar{p})$	20753	20455	1	27447
20755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^+D^-\Delta^0\bar{\Delta}^+)$	20754	20456	1	27448
20756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	20755	20457	1	27449
20757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^{*+}D^-D^{*+}D^0)$	20756	20458	1	27450

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^- D^{*+} a_1^+)$	20757	20459	1	27451
20759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega\omega\omega D^{*+}\bar{D}^{*-})$	20758	20460	1	27452
20760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-})$	20759	20461	1	27453
20761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+ D^-\bar{n}\Delta^+, \bar{B}^0 \to \pi^+\rho^-\eta K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^- D^- D^{*+}\bar{n}\Delta^+)$	20760	20462	1	27454
20762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^+ D^-)$	20761	20463	1	27455
20763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^- D^- D^{*+})$	20762	20464	1	27456
20764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+\bar{D}^{*-})$	20763	20465	1	27457
20765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \bar{K}^0 K^{*-}\bar{D}^0 D_s^+$ $(e^+e^- \to \bar{K}^0 K^{*-}\bar{D}^{*-}\bar{D}^0 D_s^+ D_s^{*+})$	2389	2383	1	27458
20766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^+ D^-, B^0 \to K^* D^+\bar{D}^{*-}$ $(e^+e^- \to K^* D^+ D^+ D^-\bar{D}^{*-})$	20765	20467	1	27459
20767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^- D^{*+} D_1^+)$	20766	20468	1	27460
20768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^- D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^0 K^- D^+ D^+)$	20767	20469	1	27461
20769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+\gamma, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^-\pi^-\rho^+ D^+ D^-\bar{\Delta}^0\Delta^+\gamma)$	20768	20470	1	27462
20770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{n}, \bar{B}^0 \to \pi^-\omega\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \pi^-\omega\bar{K}^0 D^+\bar{D}^0\bar{D}^0 n\bar{n})$	20769	20471	1	27463
20771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+ p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^- D^+ pp\bar{p}\bar{\Sigma}_c^0)$	20770	20472	1	27464
20772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0 D^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^- D^{*+} D_s^-)$	20771	20473	1	27465
20773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0 K^* D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega\omega\bar{K}^0 K^*\bar{D}^{*-} D^0)$	20772	20474	1	27466
20774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta' D^{*+}\bar{D}^{*-})$	20773	20475	1	27467

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\Sigma^-\bar{\Sigma}^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*+})$	20774	20476	1	27468
20776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\bar{D}^{*-}D_s^{*-}\gamma)$	20775	20477	1	27469
20777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-D^-\bar{D}^{*0})$	20776	20478	1	27470
20778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^+)$	20777	20479	1	27471
20779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-D_s^-)$	20778	20480	1	27472
20780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\omega D^0, \bar{B}^0 \to \pi^0\eta\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\eta\omega\omega K^0K^-D^{*+}D^0)$	20779	20481	1	27473
20781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\omega\bar{K}^0D^-J/\psi)$	20780	20482	1	27474
20782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+\eta'D^+$ $(e^+e^- \to \pi^-\rho^-\bar{K}^0K^+K^-\eta'D^+D^{*+}\bar{D}^{*0})$	20781	20483	1	27475
20783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-})$	20782	20484	1	27476
20784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}D_{s1}^+)$	20783	20485	1	27477
20785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-p\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\rho^0\pi^+D^-p\bar{\Delta}^+)$	20784	20486	1	27478
20786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+K^{*-}D^0\bar{D}^{*0}D_1'^-)$	20785	20487	1	27479
20787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}D_s^{*-})$	20786	20488	1	27480
20788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^*K^-D^{*+}\bar{D}^{*-}\bar{n}p)$	20787	20489	1	27481
20789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	477	477	1	27482
20790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}D_2^{*+}D_s^{*-})$	20789	20491	1	27483
20791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\bar{D}^0D_s^+D_1'^+)$	20790	20492	1	27484

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\omega K^-D^-D^{*+}\bar{D}^0)$	20791	20493	1	27485
20793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\bar{K}^0K^+K^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^*K^+K^+D^{*0})$	20792	20494	1	27486
20794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0K^+D^{*+}n\bar{p}\Delta^+\bar{\Sigma}_c^{--})$	20793	20495	1	27487
20795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	20794	20496	1	27488
20796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^0)$	20795	20497	1	27489
20797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^-K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^-K^{*+}D^-D^{*+})$	20796	20498	1	27490
20798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega D^-D^0D_s^-)$	20797	20499	1	27491
20799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \omega\bar{K}^0D^+D^-\bar{D}^{*-}D_{s1}'^+)$	20798	20500	1	27492
20800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+D^+D^{*0})$	20799	20501	1	27493
20801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\omega D^+\bar{D}^0)$	20800	20502	1	27494
20802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^{*-}D^{*+}\Delta^+\bar{\Xi}_c^{*0})$	20801	20503	1	27495
20803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}\gamma$ $(e^+e^- \to \pi^+K^+K^-K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}\gamma)$	20802	20504	1	27496
20804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta_c, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+D^+\eta_c)$	2391	2385	1	27497
20805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-D_{s1}'^+)$	20804	20506	1	27498
20806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*-})$	20805	20507	1	27499
20807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\bar{K}^*K^+D^-D_1'^+)$	20806	20508	1	27500
20808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	20807	20509	1	27501

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^+ D^- D_s^{*-})$	20808	20510	1	27502
20810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \pi^+\pi^- D^- D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- D^- \bar{D}^{*-} D_s^{*+})$	20809	20511	1	27503
20811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+})$	20810	20512	1	27504
20812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^{*+} D^{*0})$	20811	20513	1	27505
20813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^- D^-\bar{p}\Lambda_c^+)$	20812	20514	1	27506
20814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0 D^{*0}\bar{D}^{*0}\bar{n}\Delta^0)$	20813	20515	1	27507
20815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^- D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\rho^+\rho^- K^{*-} D^- D^{*+}\bar{D}^{*0})$	20814	20516	1	27508
20816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^0 D_s^{*+})$	20815	20517	1	27509
20817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\eta K^-\phi$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-\phi D^- D_s^{*+})$	20816	20518	1	27510
20818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^0\pi^+\pi^+ D^- n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\eta D^- D^- n\bar{p})$	20817	20519	1	27511
20819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\eta D^{*+}\bar{D}^{*-})$	20818	20520	1	27512
20820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^0\bar{K}^0\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0\eta_c D_1'^-)$	2392	2386	1	27513
20821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^- D^+\bar{D}^{*-}\bar{D}^{*0} D_{s1}'^+)$	20820	20522	1	27514
20822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ K^+ D^{*0} D_s^{*-}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^- K^+ K^+ D^{*+} D^{*0} D_s^{*-} a_1^-)$	20821	20523	1	27515
20823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ K^*\bar{K}^* D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^*\bar{K}^* D^- D^{*+})$	20822	20524	1	27516
20824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta D^-\bar{\Delta}^- n, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^0\pi^0\eta D^- D^{*+}\bar{\Delta}^- n a_1^-)$	20823	20525	1	27517
20825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\rho^0\pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^0\pi^- K^+ K^- D^{*+})$	20824	20526	1	27518

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \eta\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\eta\omega K^0K^-D^{*+}\bar{D}^{*0})$	20825	20527	1	27519
20827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}a_1^-\gamma)$	2393	2387	1	27520
20828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^+\rho^-D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\rho^-D^+D_s^{*+}p\bar{\Delta}^{++}D_1'^-)$	20827	20529	1	27521
20829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\bar{K}^*D^-D_s^+J/\psi)$	20828	20530	1	27522
20830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\pi^-D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	20829	20531	1	27523
20831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta D^-\bar{p}\Lambda_c^+)$	20830	20532	1	27524
20832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*0})$	20831	20533	1	27525
20833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta K^-D^-D^{*0}\bar{D}^{*0})$	20832	20534	1	27526
20834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^+\eta D^+D^-\Delta^0\bar{p})$	20833	20535	1	27527
20835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^-D^{*+}D_{s0}^{*+})$	20834	20536	1	27528
20836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*-})$	20835	20537	1	27529
20837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\bar{D}^{*-}D^0D_s^{*-})$	20836	20538	1	27530
20838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\Delta^0\bar{\Sigma}_c^{*-})$	20837	20539	1	27531
20839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0\gamma, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0}\bar{\Delta}^-\Delta^0\gamma)$	2394	2388	1	27532
20840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to D^0\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to e^-\bar{\nu}_eD^0\bar{\Delta}^0\Sigma^0D_1'^+)$	478	478	1	27533
20841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	20840	20542	1	27534
20842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to D^+\Lambda\bar{\Lambda}_c^-$ $(e^+e^- \to K^0D^+D^0\bar{D}^{*0}\Lambda\bar{\Lambda}_c^-)$	20841	20543	1	27535

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}\gamma, \bar{B}^0 \to \pi^+ K^{*-} D^0 \bar{D}^0$ $(e^+e^- \to \pi^+\rho^+ K^{*-} D_2^{*-} D^0 \bar{D}^0 \gamma)$	20842	20544	1	27536
20844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^0 K^0 \chi_{c0}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0 K^0 D_0^{*-} \chi_{c0})$	20843	20545	1	27537
20845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega K^+ \bar{D}^{*-} D^0)$	20844	20546	1	27538
20846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D_0^{*+} D_1^-)$	20845	20547	1	27539
20847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \pi^-\eta\omega K^+ K^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\eta\omega K^+ K^- D^+ D^{*+})$	20846	20548	1	27540
20848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0 K^- \bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{K}^0 K^- \bar{D}^{*-} \bar{D}^{*-} D_s^{*+})$	20847	20549	1	27541
20849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{K}^0 K^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\omega\bar{K}^0 K^+\eta' D^{*+} \bar{D}^{*-})$	20848	20550	1	27542
20850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^- D^+ \bar{D}^0 D_s^{*+})$	20849	20551	1	27543
20851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^* D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^* K^{*+}\bar{D}^{*-} D^{*0} D^{*0})$	20850	20552	1	27544
20852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0 D^- D^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega K^0 D^+ D^- D^0)$	20851	20553	1	27545
20853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^- D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- D^- D^{*+} D^{*+})$	20852	20554	1	27546
20854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^- K^+ K^- p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^- K^+ K^- \bar{D}^{*-} p\bar{p})$	20853	20555	1	27547
20855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^+\rho^-\rho^-\bar{K}^* D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\rho^-\bar{K}^* D^+ D^+)$	20854	20556	1	27548
20856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^-\bar{K}^0 K^* D^{*+} D^{*+})$	20855	20557	1	27549
20857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+ \bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega K^+ \bar{D}^0 D_1^+)$	20856	20558	1	27550
20858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^- K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^- K^0\bar{K}^* D^- D^{*+} D_s^+)$	20857	20559	1	27551
20859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^*\bar{K}^*\bar{K}^*$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\omega K^*\bar{K}^*\bar{K}^*\bar{D}^{*-})$	20858	20560	1	27552

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D^{*+}n\bar{p})$	20859	20561	1	27553
20861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-}a_1^+)$	20860	20562	1	27554
20862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+)$	20861	20563	1	27555
20863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\pi^+\pi^-\eta K^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\eta K^+K^{*-}D^-\bar{D}^{*-})$	20862	20564	1	27556
20864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	20863	20565	1	27557
20865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega K^*K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta\omega K^*K^-D^+D^-)$	20864	20566	1	27558
20866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-K^*\bar{K}^*D^+D^-D^{*+})$	20865	20567	1	27559
20867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^*D^-, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^*\bar{K}^*D^-D^{*0}\bar{D}^{*0})$	20866	20568	1	27560
20868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}n\bar{n})$	20867	20569	1	27561
20869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	20868	20570	1	27562
20870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta\eta D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D^0)$	20869	20571	1	27563
20871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \bar{K}^*\bar{\Sigma}^0\Xi_c^{\prime 0}$ $(e^+e^- \to \pi^-\bar{K}^*\bar{D}^{*0}D_s^+\bar{\Sigma}^0\Xi_c^{\prime 0})$	2396	2390	1	27564
20872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-K^0D^{*+}D_s^+D_s^-p\bar{p})$	20871	20573	1	27565
20873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega K^0K^-D^+)$	20872	20574	1	27566
20874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+D^-\bar{p}\Lambda, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+D^-D^{*+}\bar{p}\Lambda)$	20873	20575	1	27567
20875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta K^-K^{*+}D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\eta K^-K^{*+}\bar{D}^{*-}D^{*0})$	20874	20576	1	27568
20876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\omega\bar{K}^0D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\omega\bar{K}^0D^-\bar{D}^{*-}D^0)$	20875	20577	1	27569

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}D^{*0})$	20876	20578	1	27570
20878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^+a_1^-)$	20877	20579	1	27571
20879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D_0^{*+})$	20878	20580	1	27572
20880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^+D^-D^{*+}D_s^-)$	20879	20581	1	27573
20881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^-K^{*+}K^{*-}D^+D^{*+}D_s^{*-})$	20880	20582	1	27574
20882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta K^-D^+\bar{D}^{*-})$	20881	20583	1	27575
20883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-D^+D^{*+}n\bar{\Delta}^{++})$	20882	20584	1	27576
20884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta K^{*+}D^-D^{*+}D^0)$	20883	20585	1	27577
20885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^{*+}K^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^*K^{*+}K^{*-}D^+\bar{D}^{*-})$	20884	20586	1	27578
20886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	20885	20587	1	27579
20887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0D^{*+}D^0\bar{D}^{*0})$	20886	20588	1	27580
20888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Xi_c^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\bar{D}^{*-}\bar{n}\Xi_c^+)$	20887	20589	1	27581
20889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0D^+D_2^{*-}\bar{D}^{*0})$	20888	20590	1	27582
20890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^0)$	20889	20591	1	27583
20891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^{*0}D_{s0}^{*+})$	20890	20592	1	27584
20892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta\bar{D}^{*-}D_0^{*+})$	20891	20593	1	27585
20893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\rho^-K^+D^{*+}\eta_c)$	20892	20594	1	27586

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega\omega\omega D^+\bar{D}^{*-})$	20893	20595	1	27587
20895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^*D^{*+}J/\psi)$	20894	20596	1	27588
20896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\rho^-\eta\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\eta\eta\omega D^+D^-\bar{\Delta}^0\Delta^+)$	20895	20597	1	27589
20897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^+K^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+K^{*-}\eta'\bar{D}^{*-})$	20896	20598	1	27590
20898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-D^{*+}D^{*0})$	20897	20599	1	27591
20899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^0\bar{K}_0^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^0\bar{K}^0D^0\bar{D}^0\bar{K}_0^{*0})$	2397	2391	1	27592
20900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\eta D^{*+}D_1'^-)$	20899	20601	1	27593
20901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^{*0}D_s^+)$	2398	2392	1	27594
20902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^*D^{*+}\Delta^0\bar{\Sigma}_c^{*0}a_1^-)$	20901	20603	1	27595
20903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	20902	20604	1	27596
20904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}D^0)$	20903	20605	1	27597
20905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-K^0\bar{K}^0\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^*D^-D_s^+)$	20904	20606	1	27598
20906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}D_s^-)$	20905	20607	1	27599
20907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\rho^-\omega\omega\bar{D}^{*-})$	20906	20608	1	27600
20908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\eta\bar{K}^0D^-D^0\bar{D}^0D_s^{*+})$	20907	20609	1	27601
20909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^{*-}D^+D_2^{*-})$	20908	20610	1	27602
20910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \pi^0\bar{K}^0K^+\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0)$	20909	20611	1	27603

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \rho^- K^+ K^{*-} D^{*+} \bar{D}^{*-} a_1^+)$	20910	20612	1	27604
20912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\eta K^* K^- \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- \bar{K}^* J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta K^* \bar{K}^* K^- \bar{D}^{*-} J/\psi)$	20911	20613	1	27605
20913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to e^+\nu_e\eta D^-$ $(e^+e^- \to e^+\nu_e\eta K^0 D^- D^- D^{*+})$	20912	20614	1	27606
20914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\eta\omega\omega\bar{D}^{*-} D^{*0})$	2399	2393	1	27607
20915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^+ K^{*-} \bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^* K^+ K^-$ $(e^+e^- \to \pi^0\rho^+ K^0\bar{K}^0\bar{K}^* K^+ K^+ K^- K^{*-} \bar{D}^{*-})$	20914	20616	1	27608
20916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\rho^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\rho^- D^{*+})$	20915	20617	1	27609
20917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+ K^{*-} D^- D^{*+}\bar{D}^0\bar{\Sigma}^+\Sigma^-)$	20916	20618	1	27610
20918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+)$	20917	20619	1	27611
20919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \omega K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega K^* K^- D^{*+}\bar{D}^{*0})$	20918	20620	1	27612
20920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta D^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-})$	20919	20621	1	27613
20921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^*, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^* D^+ D_s^-)$	20920	20622	1	27614
20922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^0\bar{D}^0, \bar{B}^0 \to K^{*-} D^+\bar{D}^0\gamma$ $(e^+e^- \to K^* K^{*-} D^+ D^0\bar{D}^0\bar{D}^0\gamma)$	20921	20623	1	27615
20923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^- D^+ D^-)$	20922	20624	1	27616
20924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+ K^0\bar{K}^*, \bar{B}^0 \to \pi^0 K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+ K^0 K^*\bar{K}^* K^- D^{*+})$	20923	20625	1	27617
20925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to D_s^- D_1'^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0 K^+ D^- D_s^- D_1'^+)$	20924	20626	1	27618
20926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, B^0 \to \rho^0\rho^+ K^* D^-$ $(e^+e^- \to \rho^0\pi^-\rho^+ K^* D^-\Delta^+\bar{\Sigma}_c^{*0})$	20925	20627	1	27619
20927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+, \bar{B}^0 \to \omega\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\omega\bar{K}^0 D^+\bar{D}^{*-}\bar{p}\Lambda_c^+)$	20926	20628	1	27620

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0K^-K^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0K^-K^{*+}D^+\bar{D}^0)$	20927	20629	1	27621
20929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-K^{*+}\eta_c, B^0 \to \pi^0\pi^0\eta\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\bar{K}^0K^+K^{*+}D^-\eta_c)$	20928	20630	1	27622
20930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^-D^{*+})$	20929	20631	1	27623
20931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	20930	20632	1	27624
20932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0D^0D_s^{*-}J/\psi)$	20931	20633	1	27625
20933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \bar{D}^{*-}D^{*0}n\bar{\Delta}^0D_{s1}'^+)$	20932	20634	1	27626
20934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^0K^0K^{*-}D^+D^-D^{*0})$	20933	20635	1	27627
20935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{p}\Sigma_c^{*0})$	20934	20636	1	27628
20936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^-\bar{K}^0D^+D^+\bar{D}^{*-})$	20935	20637	1	27629
20937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0K^-\bar{D}^{*0})$	20936	20638	1	27630
20938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^0D^{*+}D^{*0}\bar{D}^{*0})$	20937	20639	1	27631
20939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\omega D^+D^{*+})$	20938	20640	1	27632
20940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*K^{*+}\bar{D}^{*-}D^0D_s^-)$	20939	20641	1	27633
20941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^+\Delta^+\bar{\Xi}_c'^0)$	20940	20642	1	27634
20942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	20941	20643	1	27635
20943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+K^*K^-D^+\bar{D}^{*-})$	20942	20644	1	27636
20944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{K}^0\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	20943	20645	1	27637

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1'^-, B^0 \to \pi^+\rho^+\rho^-\omega D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega D^- D_s^{*+}D_1'^-)$	20944	20646	1	27638
20946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^- D^-\bar{D}^{*-})$	20945	20647	1	27639
20947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \rho^+K^*D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Xi_c^0)$	20946	20648	1	27640
20948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\bar{K}^*D^{*+}J/\psi)$	20947	20649	1	27641
20949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*\bar{D}^{*-})$	20948	20650	1	27642
20950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+})$	20949	20651	1	27643
20951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	20950	20652	1	27644
20952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*+})$	20951	20653	1	27645
20953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+K^0K^{*-}D^+\bar{D}^{*-}n\bar{n})$	2400	2394	1	27646
20954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^-D_{s1}^+)$	20953	20654	1	27647
20955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-K^*K^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^-K^*K^-D^0D_1^-)$	20954	20655	1	27648
20956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^0D^+D^{*+})$	20955	20656	1	27649
20957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^{*-}D^0)$	20956	20657	1	27650
20958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-\Delta^-)$	20957	20658	1	27651
20959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0D^{*+}D^{*+})$	20958	20659	1	27652
20960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0D^+D^+\bar{D}^0)$	20959	20660	1	27653
20961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{\Delta}^+\Xi_c'^+\gamma$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega K^0\bar{D}^{*-}\bar{\Delta}^+\Xi_c'^+\gamma)$	20960	20661	1	27654

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta' D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta' D^+\bar{D}^{*-})$	20961	20662	1	27655
20963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^0K^*K^{*-}D^+\bar{D}^{*-})$	20962	20663	1	27656
20964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+K^-K^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^0K^+K^-K^-K^{*+}K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	20963	20664	1	27657
20965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \pi^+\rho^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^-D^0\bar{D}^{*0})$	20964	20665	1	27658
20966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^-D^{*+}D^{*+}n\bar{p})$	20965	20666	1	27659
20967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-D^-D^{*+})$	20966	20667	1	27660
20968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	20967	20668	1	27661
20969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^+D^-)$	20968	20669	1	27662
20970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-n\bar{n}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0}n\bar{n})$	20969	20670	1	27663
20971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	20970	20671	1	27664
20972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^+D^-)$	2401	2395	1	27665
20973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}D_1^+)$	20972	20673	1	27666
20974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^-, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta\eta\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^-)$	20973	20674	1	27667
20975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+D^+D^-)$	20974	20675	1	27668
20976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to e^+\nu_e X_u^- D^{*+}D_{s1}^-)$	20975	20676	1	27669
20977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \rho^+\rho^-D^+\bar{D}^{*-}n\bar{n})$	2402	2396	1	27670
20978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-D^+D^{*+})$	20977	20678	1	27671

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D_s^- D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu D^- D_s^- D_1'^+)$	20978	20679	1	27672
20980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^- \gamma, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to K^* D^+ D^+ D^- n\bar{p}\gamma)$	20979	20680	1	27673
20981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to K^- D^+ \bar{D}^0$ $(e^+e^- \to K^- D^+ \bar{D}^{*-} \bar{D}^0 D_s^+)$	20980	20681	1	27674
20982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^+ D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	20981	20682	1	27675
20983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{n}p)$	20982	20683	1	27676
20984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-} D^{*+}\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	20983	20684	1	27677
20985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+ D^- n\bar{n}, B^0 \to \pi^0\pi^+\pi^-\pi^- K^+\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^+ D^-\bar{D}^0 D^{*0} n\bar{n})$	20984	20685	1	27678
20986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ K^{*-} D^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^- K^{*-} D^+ D^-\bar{D}^{*-})$	20985	20686	1	27679
20987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+ D^- D^{*+})$	20986	20687	1	27680
20988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta\omega D^+ D^-)$	20987	20688	1	27681
20989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^- D^- D^{*+}\Delta^+\bar{\Delta}^+)$	20988	20689	1	27682
20990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-})$	20989	20690	1	27683
20991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- K^0\bar{K}^0 D^+ D^{*+})$	20990	20691	1	27684
20992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+ K^+ K^- D^{*+}\bar{D}^{*-})$	20991	20692	1	27685
20993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega D^{*+}\bar{D}^{*0})$	20992	20693	1	27686
20994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^* D^+\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \rho^0\pi^- K^* D^+ D^{*+}\bar{D}^0 D_s^-)$	20993	20694	1	27687
20995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^- n\bar{n}, \bar{B}^0 \to \pi^0\rho^0 K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^* K^{*-} D^- D^{*+} n\bar{n})$	20994	20695	1	27688

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
20996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^0 D_s^+)$	20995	20696	1	27689
20997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\bar{K}^0 K^+K^+D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega\bar{K}^0 K^+K^+D^{*+}D_s^{*-})$	20996	20697	1	27690
20998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-K^0D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega K^0D^{*+}D^{*0})$	20997	20698	1	27691
20999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^+D^-)$	20998	20699	1	27692
21000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\eta' D^+\bar{D}^0D^{*0})$	20999	20700	1	27693
21001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta K^0D^-, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0K^0\bar{K}^0D^-D^{*+})$	21000	20701	1	27694
21002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^-)$	21001	20702	1	27695
21003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \bar{K}^0D^0$ $(e^+e^- \to \pi^+\bar{K}^0D^-D^0\Delta^+\bar{\Delta}^+)$	21002	20703	1	27696
21004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+K^-D^{*+}D_1'^-)$	479	479	1	27697
21005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{n}p)$	2404	2398	1	27698
21006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\omega K^0K^-D^{*+}D_2^{*-})$	21005	20706	1	27699
21007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\omega D^+\bar{D}^{*-})$	21006	20707	1	27700
21008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^-\bar{D}^{*-}D_s^{*+})$	21007	20708	1	27701
21009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^0\bar{K}^*K^{*-}D^-D^{*+}\bar{D}^{*0})$	21008	20709	1	27702
21010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+D^{*0}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\omega J/\psi$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega D^{*0}D_s^{*-}J/\psi)$	21009	20710	1	27703
21011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^-D^{*+}D_s^-)$	21010	10968	1	27704
21012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\bar{K}^0\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0K^*\eta' D^+D^{*+}\bar{D}^{*-})$	21011	20711	1	27705

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+K^0K^-D^+\bar{D}^{*-})$	21012	20712	1	27706
21014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\omega D^+D^{*+})$	21013	20713	1	27707
21015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^-D^-D^{*+}$ $(e^+e^- \to \pi^+\eta\bar{K}^0K^-K^{*+}D^-D^{*+}\bar{D}^{*-})$	2405	2399	1	27708
21016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D^{*0}\bar{D}^{*0})$	21015	20714	1	27709
21017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\eta D^+D^-n\bar{\Delta}^+)$	21016	20715	1	27710
21018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to K^*K^-D^{*+}D_2^{*+}D_s^-)$	21017	20716	1	27711
21019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+}\Sigma^0\bar{\Sigma}^0)$	21018	20717	1	27712
21020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to K_S\chi_{c0}$ $(e^+e^- \to K_SD^-\bar{n}p\chi_{c0})$	21019	20718	1	27713
21021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^{*-}a_1^+)$	21020	20719	1	27714
21022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \pi^0\rho^-\bar{D}^0D^{*0}D_1^+)$	21021	20720	1	27715
21023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta'D^-D_2^{*+})$	21022	20721	1	27716
21024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-D^{*+}D_1^-)$	21023	20722	1	27717
21025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \bar{K}^0\bar{K}^0K^+D^-\psi')$	21024	20723	1	27718
21026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+n\bar{p}, \bar{B}^0 \to \rho^-\omega\eta'D^{*+}$ $(e^+e^- \to \rho^-\eta\omega K^+\eta'D^{*+}n\bar{p})$	2406	2400	1	27719
21027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \rho^0K^+D^-\bar{n}\Sigma^0$ $(e^+e^- \to \rho^0K^+K^{*+}D^-\bar{D}^{*-}D^{*0}\bar{n}\Sigma^0)$	21026	20725	1	27720
21028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	21027	20726	1	27721
21029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-D^-D^0)$	21028	20727	1	27722

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D_2^{*-}D_1^-)$	21029	20728	1	27723
21031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+D^-\bar{n}p)$	21030	20729	1	27724
21032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^*K^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\omega\bar{K}^*K^+\bar{D}^{*-})$	21031	20730	1	27725
21033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\bar{K}^0K^*D^+D^-D^{*+}\bar{D}^{*-})$	21032	20731	1	27726
21034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0K^0K^0\bar{K}^0D_s^{*-}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0K^0K^0\bar{K}^0D^+D_s^{*-}\gamma)$	21033	20732	1	27727
21035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+D^-)$	21034	20733	1	27728
21036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+})$	21035	20734	1	27729
21037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta D^-D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0D^-D^0D_s^+)$	21036	20735	1	27730
21038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^+D^+)$	21037	20736	1	27731
21039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega K^+K^-D^-, \bar{B}^0 \to \pi^0K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^+K^-K^{*-}D^-D_s^{*+})$	21038	20737	1	27732
21040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^{*+}D^{*0}, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-K^{*+}\bar{D}^0D^{*0})$	21039	20738	1	27733
21041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_s^{*-}D_1'^+)$	21040	20739	1	27734
21042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^{*0}\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0D^{*+}\bar{\Sigma}^{*0}\Sigma_c^{*0})$	109	109	1	27735
21043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0})$	21042	20741	1	27736
21044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^-\rho^-D^{*+}\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^-D^{*+}\bar{p}\Delta^{++})$	21043	20742	1	27737
21045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^{*+}\Sigma^{*0}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+D^-\bar{\Sigma}^{*+}\Sigma^{*0}D_{s1}'^-)$	21044	20743	1	27738
21046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\bar{K}^0K^+K^+K^{*-}D^-D^{*+})$	21045	20744	1	27739

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^+ D^{*0} D_s^{*-})$	21046	20745	1	27740
21048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0)$	21047	20746	1	27741
21049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 \bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^0 D^+ \bar{D}^0 D^{*0})$	21048	20747	1	27742
21050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^- D^{*+} D_2^{*-})$	21049	20748	1	27743
21051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- K^* D^{*+} D^{*+}\bar{D}^{*-})$	21050	20749	1	27744
21052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega D^+ D_s^{*-}\Delta^0\bar{\Sigma}^+)$	21051	20750	1	27745
21053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^0 D^- D_s^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+ D^- \bar{D}^{*-} D_s^{*+})$	21052	20751	1	27746
21054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^{*+} D^-, \bar{B}^0 \to \pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\omega\bar{K}^* K^{*+} D^+ D^- D_s^-)$	21053	20752	1	27747
21055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^- D^+ D_s^{*-}\Delta^0\bar{\Sigma}_c^0)$	21054	20753	1	27748
21056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+}\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{*-})$	21055	20754	1	27749
21057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^- K^+ D_s^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0 K^+ D_s^-\psi')$	21056	20755	1	27750
21058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta\eta D^+ D^{*0})$	21057	20756	1	27751
21059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0 K^- D^+\bar{n}\Delta^0$ $(e^+e^- \to e^+\nu_e K^0 K^- D^+\bar{D}^{*-}\bar{n}\Delta^0)$	21058	20757	1	27752
21060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0 D_1^+)$	21059	20758	1	27753
21061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D^- D^{*+}, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^0 K^0 K^* K^{*-} D^+ D^- D^{*+})$	21060	20759	1	27754
21062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^* K^{*+} D^{*+}\bar{D}^{*-})$	21061	20760	1	27755
21063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0 K^{*-} D^{*+}\bar{D}^{*-})$	21062	20761	1	27756

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}\bar{\Sigma}^0\Sigma^{*0}$ $(e^+e^- \to \rho^- K^0 D^{*+} D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^{*0})$	21063	20762	1	27757
21065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*0}J/\psi)$	21064	20763	1	27758
21066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \pi^0\pi^0\eta\bar{K}^0 D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\eta K_S\bar{K}^0 D^{*+}\eta_c n\bar{p})$	21065	20764	1	27759
21067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+ D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^+ D^+ D^-)$	21066	20765	1	27760
21068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega\omega D^- D^{*+})$	21067	20766	1	27761
21069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^- D^- D^{*+})$	21068	20767	1	27762
21070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^- D^+\bar{D}^{*-}\bar{D}^0)$	21069	20768	1	27763
21071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \rho^+ K^0\bar{K}^0 K^* K^- D^{*+}\bar{D}^{*-})$	21070	20769	1	27764
21072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\rho^+\rho^-\eta D^0$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+\rho^-\eta D^- D^0)$	21071	20770	1	27765
21073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}a_1^+)$	21072	20771	1	27766
21074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-}D_{s1}'^-)$	21073	20772	1	27767
21075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta D^+ D^- D_s^{*-})$	21074	20773	1	27768
21076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+})$	21075	19976	1	27769
21077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^- D^+ p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+ D^- p\bar{p})$	21076	20774	1	27770
21078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0 D^-\bar{D}^{*-}D^{*0})$	21077	20775	1	27771
21079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to K^* D^+ D^- D^{*+} D_s^{*-})$	21078	20776	1	27772
21080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^+\bar{D}^{*-})$	21079	20777	1	27773

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\omega J/\psi$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^{*+}J/\psi)$	2408	2402	1	27774
21082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}a_1^+\gamma)$	21081	20779	1	27775
21083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\psi')$	21082	20780	1	27776
21084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^{*+}D^0D_s^{*-})$	21083	20781	1	27777
21085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0\bar{K}^0D^-D^{*+})$	2409	2403	1	27778
21086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+K^+\bar{D}^0, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\pi^-\pi^-\pi^-\rho^+\rho^+K^+D^{*+}\bar{D}^0)$	21085	20783	1	27779
21087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+})$	21086	20784	1	27780
21088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \omega D^+\bar{D}^{*-}$ $(e^+e^- \to \omega D^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	21087	20785	1	27781
21089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta\bar{K}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta\bar{K}^0\bar{D}^{*-})$	21088	20786	1	27782
21090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\phi D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+\phi D^+D^-)$	21089	20787	1	27783
21091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0D^-D_2^{*+}D^{*0}D_s^{*-})$	21090	20788	1	27784
21092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta D^{*+}n\bar{\Xi}_c^{*-})$	21091	20789	1	27785
21093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0K^{*-}D^+D_2^{*+})$	21092	20790	1	27786
21094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-K^-D^{*+}\bar{D}^0\bar{D}^0D_s^+)$	21093	20791	1	27787
21095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+D_2^{*+}D_s^-D_s^{*-})$	21094	20792	1	27788
21096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-p\bar{p}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+D^+D^-p\bar{p}a_1^-)$	481	481	1	27789
21097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}D_s^-)$	21096	20794	1	27790

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ \bar{D}^{*-} D^0, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \pi^0\rho^- K^+ \bar{D}^{*-} D_2^{*+} D^0)$	21097	20795	1	27791
21099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega K^- K^{*+} D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega K^- K^{*+} D^- D^{*+})$	21098	20796	1	27792
21100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^0\pi^0\pi^0 K^* D^+ D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0 K^* D^+ D^- D_1'^-)$	21099	20797	1	27793
21101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^- D^+ \bar{D}^{*-} a_1^+)$	2411	2405	1	27794
21102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+ K^* K^- \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^- K^* K^- D^{*+} \bar{D}^{*-})$	21101	3913	1	27795
21103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	21102	20799	1	27796
21104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} p\bar{\Lambda}_c^-)$	21103	20800	1	27797
21105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \bar{D}^{*-} D_2^{*+} D_s^- \Delta^0\bar{\Sigma}^+)$	21104	20801	1	27798
21106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-} D_0^{*+})$	21105	20802	1	27799
21107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^+\Delta^0\bar{\Sigma}_c^{*-})$	21106	20803	1	27800
21108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 p\bar{\Delta}^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^{*+}\bar{D}^0 p\bar{\Delta}^+)$	21107	20804	1	27801
21109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^- K^{*+} D^{*+}\bar{D}^{*-} D^0)$	21108	20805	1	27802
21110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^- D^+ D_2^{*-} D_s^{*+})$	21109	20806	1	27803
21111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\chi_{c1}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^- K^0 D^{*+}\chi_{c1})$	21110	20807	1	27804
21112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\bar{K}^* D^- D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\omega\bar{K}^* D^- D^- D^0)$	21111	20808	1	27805
21113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^- D_1'^+)$	21112	20809	1	27806
21114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \pi^+\bar{D}^{*-} D_s^{*+}\bar{\Delta}^+\Xi_c^0)$	21113	20810	1	27807

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta_c n\bar{\Lambda}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta K^0\bar{K}^0 D^+\eta_c n\bar{\Lambda})$	21114	20811	1	27808
21116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^{*+}, \bar{B}^0 \to \rho^-\eta K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0K^*\bar{K}^*K^{*-}D^+D^{*+})$	21115	20812	1	27809
21117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\Delta^+\bar{\Sigma}_c^{--}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^0\bar{K}^*\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--})$	21116	20813	1	27810
21118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0K^-D^-D^{*+})$	21117	667	1	27811
21119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \eta K^+K^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^+K^-\bar{D}^{*0}D_1^-)$	21118	20814	1	27812
21120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta\eta\omega D^+\bar{D}^{*-})$	21119	20815	1	27813
21121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to D_s^-\Delta^0\bar{\Sigma}^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^-\Delta^0\bar{\Sigma}^+)$	21120	20816	1	27814
21122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+\eta K^*\bar{K}^*D^+\bar{D}^{*-}D_s^-)$	21121	20817	1	27815
21123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\omega D^+p\bar{p}$ $(e^+e^- \to \pi^-\omega D^+D^-D_s^+p\bar{p})$	21122	20818	1	27816
21124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-\omega D^+D_2^{*+})$	21123	20819	1	27817
21125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^{*0}D_s^-$ $(e^+e^- \to \rho^+\rho^+\bar{D}^{*-}D^{*0}D_s^-)$	21124	20820	1	27818
21126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}\eta_c)$	21125	20821	1	27819
21127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta D^-D^0)$	21126	20822	1	27820
21128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^0K^-K^-K^{*+}, \bar{B}^0 \to \pi^0\rho^0\eta D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta K^0K^0K^-K^-K^{*+}D^0)$	21127	20823	1	27821
21129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-K^-D^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0})$	21128	20824	1	27822
21130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \rho^+K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta K^0\bar{K}^0D^-D^-)$	21129	20825	1	27823
21131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-D^{*+}D^{*+})$	21130	20826	1	27824

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S J/\psi, B^0 \to \pi^+\rho^-\omega\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^+\rho^-\omega K_S\bar{K}^0K^{*+}D^-J/\psi)$	21131	20827	1	27825
21133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+K^{*-}D^+D_1^-)$	21132	20828	1	27826
21134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \eta K^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta K^0D^+D^-D^-)$	21133	20829	1	27827
21135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0)$	21134	20830	1	27828
21136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c0}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0D^0\chi_{c0})$	21135	20831	1	27829
21137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^+D^{*0})$	21136	20832	1	27830
21138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega K^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-\eta\omega K^+K^-K^-K^{*+}D^+\bar{D}^0)$	21137	20833	1	27831
21139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-p\bar{p}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0D^+D^-D^-p\bar{p})$	21138	20834	1	27832
21140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-p\bar{p}, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^-D_s^{*+}D_s^{*-}p\bar{p})$	21139	20835	1	27833
21141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-\bar{D}^0D^{*0}p\bar{\Lambda}_c^-)$	21140	20836	1	27834
21142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^0\pi^+\pi^-D^-\bar{n}p$ $(e^+e^- \to \rho^0\pi^+\pi^-D^-\bar{D}^{*-}\bar{n}pa_1^+)$	21141	20837	1	27835
21143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+D^-)$	21142	5938	1	27836
21144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-a_1^+)$	21143	20838	1	27837
21145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-D^+n\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^-D^+\bar{D}^{*-}D_s^{*+}n\bar{\Delta}^0)$	21144	20839	1	27838
21146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\omega K^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta\omega\omega K^-\bar{D}^{*-}D^0)$	21145	20840	1	27839
21147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+\omega D^-D^{*+}D_{s1}'^-)$	21146	20841	1	27840
21148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega D^-D^{*0}D_s^-)$	21147	20842	1	27841

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to K^*D^-D^{*+}D_s^{*-}D_1^+)$	21148	20843	1	27842
21150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-p\bar{\Delta}^{++}, \bar{B}^0 \to \eta\bar{K}^*K^+K^-\phi$ $(e^+e^- \to \pi^+\pi^+\eta\bar{K}^*K^+K^-\phi D^-p\bar{\Delta}^{++})$	21149	20844	1	27843
21151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to K^{*+}D^-D^0$ $(e^+e^- \to K_SK^{*+}D^-D^0J/\psi)$	21150	20845	1	27844
21152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}p\bar{p})$	21151	20846	1	27845
21153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*J/\psi, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\omega K^*D^{*+}J/\psi)$	21152	20847	1	27846
21154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	21153	20848	1	27847
21155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+D^-)$	21154	20849	1	27848
21156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-})$	21155	20850	1	27849
21157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to K^0\bar{K}^*D^-D^{*+}D_s^+D_s^-)$	21156	20851	1	27850
21158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to e^+\nu_eD_2^{*+}D_2^{*-}D_s^-)$	21157	20852	1	27851
21159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^{*-}D^-, \bar{B}^0 \to \rho^0\pi^+K^-J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^+K^-K^{*-}D^-J/\psi)$	2412	2406	1	27852
21160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-})$	21159	9946	1	27853
21161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega D^{*+}D_0^{*-})$	21160	20854	1	27854
21162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega\omega D^+D^-)$	21161	20855	1	27855
21163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0K^+K^{*+}K^{*-}D^-D^{*+})$	21162	20856	1	27856
21164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\eta_c\Delta^0\bar{\Xi}_c'^-)$	21163	20857	1	27857
21165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^0D^{*+}\bar{D}^{*-}D^0)$	21164	20858	1	27858

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}a_1^+)$	21165	20859	1	27859
21167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\bar{K}^0D^+D^+a_1^-)$	21166	20860	1	27860
21168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^-D^{*+}\bar{D}^0D_s^+)$	21167	20861	1	27861
21169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^-\eta'D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta'D^+D^{*+})$	21168	20862	1	27862
21170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega K^*\bar{K}^*D^-D^{*+})$	21169	20863	1	27863
21171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	21170	20864	1	27864
21172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^+\Delta^+\bar{\Sigma}_c^{*--})$	21171	20865	1	27865
21173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^-\omega D^{*+}\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+}\gamma)$	21172	20866	1	27866
21174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\omega\bar{K}^0D^+D^+\bar{D}^0)$	21173	20867	1	27867
21175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^+, B^0 \to \pi^0\pi^+\pi^-K^*n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^*D^-D_s^+n\bar{n})$	21174	20868	1	27868
21176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*+}K^{*-}D^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^+K^{*+}K^{*-}D^-D^{*+}D_{s0}^{*-})$	21175	20869	1	27869
21177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\eta D^+\bar{D}^{*-})$	21176	20870	1	27870
21178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-D^+D^{*+})$	21177	20871	1	27871
21179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-K^+K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta K^0\bar{K}^0K^+K^{*-}D^+D^-)$	21178	20872	1	27872
21180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D_2^{*+}D^0)$	21179	20873	1	27873
21181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+\bar{D}^{*-})$	21180	20874	1	27874
21182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta\eta\eta D^+D^-)$	21181	20875	1	27875

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-})$	21182	20876	1	27876
21184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*-})$	2413	2407	1	27877
21185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	21184	20878	1	27878
21186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D_s^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-}D_s^{*+}D_s^{*-})$	21185	20879	1	27879
21187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \bar{D}^0\Delta^-\bar{\Sigma}^{*+}$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}\Delta^-\bar{\Sigma}^{*+})$	482	482	1	27880
21188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}\bar{D}^0)$	21187	20881	1	27881
21189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-K^+D^{*+}D^{*0})$	21188	20882	1	27882
21190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^0K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-K^0K^{*-}\bar{D}^{*-}D^0)$	21189	20883	1	27883
21191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	21190	20884	1	27884
21192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^-)$	21191	20885	1	27885
21193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^+D^-\bar{D}^{*-})$	21192	20886	1	27886
21194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Xi}_c^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^{*-}D^+\bar{D}^{*0}\Delta^0\bar{\Xi}_c^-)$	21193	20887	1	27887
21195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+D^+\bar{D}^{*0}D_1^+)$	21194	20888	1	27888
21196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to K^0\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \pi^+K^0K^0D^-D^0\bar{\Delta}^0\Xi_c^{*0})$	21195	20889	1	27889
21197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\omega K^+D^{*+}\bar{D}^0)$	21196	20890	1	27890
21198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^-\bar{n}\Delta^{++}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\rho^-\omega D^+D^-\bar{n}\Delta^{++})$	21197	20891	1	27891
21199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \rho^+\rho^+\eta K^0K^0K^-K^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\rho^+\eta K^0K^0K^-K^{*-}D^-)$	21198	20892	1	27892

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0D^{*+}\Lambda\bar{\Sigma}_c^0)$	21199	20893	1	27893
21201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-})$	2415	2409	1	27894
21202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^+\rho^-K^{*-}D^+D^-\bar{D}^{*-})$	21201	20895	1	27895
21203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^{*+}, \bar{B}^0 \to \pi^-\rho^+D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^{*+}\Sigma^0\bar{\Sigma}^-)$	21202	20896	1	27896
21204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c1}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D_s^+\chi_{c1})$	21203	20897	1	27897
21205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^+\bar{D}^{*0})$	21204	20898	1	27898
21206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^-D^{*+})$	21205	19106	1	27899
21207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+D^{*+}D_2^{*-}D_s^{*+})$	21206	20899	1	27900
21208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^{*-}\bar{D}^{*-}D^0a_1^+)$	21207	20900	1	27901
21209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega D^{*+}\bar{D}^{*-})$	21208	20901	1	27902
21210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\rho^-\eta K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta K^+K^{*-}D^+\bar{D}^{*-}\bar{\Delta}^-n)$	21209	20902	1	27903
21211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^*\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta K^0\bar{K}^*\eta'D^-D_1'^+)$	21210	20903	1	27904
21212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-\bar{D}^{*-}D^0)$	21211	20904	1	27905
21213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^-D_s^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\omega K^-D^{*+}D_s^{*+})$	21212	20905	1	27906
21214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\eta K^*K^{*-}D^+\bar{D}^{*-})$	21213	20906	1	27907
21215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^-\rho^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}a_1^+)$	21214	20907	1	27908
21216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+K^0\bar{K}^0\bar{D}^0D_0^{*+})$	21215	20908	1	27909

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}D^0\bar{D}^0\gamma)$	21216	20909	1	27910
21218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \rho^0K^0K^-D^-D^{*+}\bar{\Delta}^-\Delta^0)$	21217	20910	1	27911
21219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^-D^{*+})$	21218	20911	1	27912
21220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+\bar{\Delta}^0\Sigma_c^+)$	21219	20912	1	27913
21221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Lambda\bar{\Lambda}_c^-, \bar{B}^0 \to K_LJ/\psi$ $(e^+e^- \to K_LK^{*+}J/\psi\Lambda\bar{\Lambda}_c^-)$	21220	20913	1	27914
21222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*0})$	21221	20914	1	27915
21223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^{*+}n\bar{\Lambda}_c^-)$	21222	20915	1	27916
21224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^*K^{*+}D^-\bar{D}^{*0})$	21223	20916	1	27917
21225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0K^*K^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^*K^-D^0)$	21224	20917	1	27918
21226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0\eta'\bar{D}^{*-}\chi_{c1})$	21225	20918	1	27919
21227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \omega D^+D^-D_s^-\bar{\Delta}^0\Delta^+)$	21226	20919	1	27920
21228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^0\bar{D}^{*0}\bar{n}\Delta^0\bar{\Delta}^+\Sigma_c^+)$	21227	20920	1	27921
21229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to K^+D^-D^0n\bar{\Delta}^0)$	21228	20921	1	27922
21230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega K^+K^{*-}D^{*+}\bar{D}^{*-})$	21229	20922	1	27923
21231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0D_s^+)$	21230	20923	1	27924
21232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0K^0D^+D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	21231	20924	1	27925
21233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^+D^-)$	21232	20925	1	27926

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{\Delta}^+\Xi_c^{*0}D_1^-)$	21233	20926	1	27927
21235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^{*0}\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+}\Sigma^{*0}\bar{\Sigma}_c^{*0})$	21234	20927	1	27928
21236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^+D^-D_s^{*+})$	21235	20928	1	27929
21237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^{*-}\bar{\Sigma}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Sigma^{*-}\bar{\Sigma}^{*0})$	21236	20929	1	27930
21238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	21237	20930	1	27931
21239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^-, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^-\Delta^+\bar{\Sigma}_c^-)$	21238	20931	1	27932
21240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^-K^0D^+D^+D_s^{*-})$	21239	20932	1	27933
21241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^*$ $(e^+e^- \to \rho^+\eta\bar{K}^*\bar{D}^{*-})$	21240	20933	1	27934
21242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-})$	21241	19272	1	27935
21243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0D^+\bar{D}^0)$	21242	20934	1	27936
21244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	21243	20935	1	27937
21245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^+D^-)$	21244	20936	1	27938
21246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^*K^{*-}D^+\bar{D}^{*-})$	21245	20937	1	27939
21247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D^0)$	21246	20938	1	27940
21248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \omega K^*K^-D^{*+}$ $(e^+e^- \to \omega K^*K^-D^{*+}D_s^+D_1^-)$	21247	20939	1	27941
21249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^+D^{*+})$	21248	20940	1	27942
21250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Xi}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^+\Sigma^{*0}\bar{\Xi}_c^-)$	21249	20941	1	27943

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega K^{*+}K^{*-}D^+\bar{D}^{*-})$	21250	20942	1	27944
21252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \bar{D}^{*-}a_1^+$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	21251	20943	1	27945
21253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\eta K^+D^-D^{*+}D^0)$	21252	20944	1	27946
21254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+})$	21253	6215	1	27947
21255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	21254	20945	1	27948
21256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\bar{n}\Xi_c^0$ $(e^+e^- \to \pi^0D_s^{*+}\bar{n}\Xi_c^0D_1^-)$	21255	20946	1	27949
21257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^+, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-\pi^-K^0\bar{K}^0D^+\bar{\Delta}^0\Xi_c^+)$	21256	20947	1	27950
21258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^-D^+D^-D^{*+})$	21257	20948	1	27951
21259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-D^{*+}\bar{D}^{*-})$	2416	2410	1	27952
21260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^{*+}D_1'^-)$	21259	20950	1	27953
21261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\omega\bar{K}^0D^-D^{*+}D^0)$	21260	20951	1	27954
21262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^-D^{*+}D_s^{*-})$	21261	20952	1	27955
21263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^*K^{*-}D^+D^-D^{*+}\bar{D}^0)$	21262	20953	1	27956
21264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D^0\bar{\Delta}^+\Sigma^+)$	21263	20954	1	27957
21265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\omega D^-D^{*+})$	21264	20955	1	27958
21266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-D^-p\bar{p}, \bar{B}^0 \to \pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+K^-D^-D^{*+}p\bar{p})$	21265	20956	1	27959
21267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^+\bar{\Lambda}_c^-)$	21266	20957	1	27960

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}D'^-_{s1})$	21267	20958	1	27961
21269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+D^0D^-_s$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+D^-D^0D^-_s)$	21268	20959	1	27962
21270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}_s, \bar{B}^0 \to \pi^0\rho^-\eta\bar{K}^0K^+D^0$ $(e^+e^- \to \pi^0\rho^-\eta\bar{K}^0K^+D^-D^0D^{*+}_s)$	21269	20960	1	27963
21271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^-D^{*+}\bar{n}p)$	21270	14538	1	27964
21272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}^{*-}_c, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega D^{*+}\Delta^+\bar{\Sigma}^{*-}_c)$	21271	20961	1	27965
21273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^-\omega K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^-\omega K^*\bar{K}^*D^+\bar{D}^0\bar{p}\Delta^+)$	21272	20962	1	27966
21274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^{*-}_2, B^0 \to \rho^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\omega D^-D^{*-}_2)$	21273	20963	1	27967
21275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-K^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^{*+}D^{*+})$	21274	20964	1	27968
21276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	21275	20965	1	27969
21277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^+D^-)$	21276	20966	1	27970
21278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^0\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0K^*D^{*+}D^0\bar{D}^0)$	21277	20967	1	27971
21279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0\bar{D}^{*-}, \bar{B}^0 \to D^+D^-_s$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0D^+\bar{D}^{*-}D^-_s)$	21278	20968	1	27972
21280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*K^+K^+K^-D^{*-}_s, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^*K^+K^+K^-D^{*0}D^{*-}_s)$	21279	20969	1	27973
21281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-D^-D^+_s$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D^+_s)$	21280	20970	1	27974
21282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^{*-}_0, \bar{B}^0 \to D^{*+}D^-_{s1}$ $(e^+e^- \to e^+\nu_eD^{*+}D^{*-}_0D^-_{s1})$	21281	20971	1	27975
21283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^*K^-D^+D^-D^{*+}\bar{D}^{*0})$	21282	20972	1	27976
21284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^-\omega\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\omega\omega D^-D^0)$	21283	20973	1	27977

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega\omega D^-D^{*+})$	21284	20974	1	27978
21286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta K^0\bar{K}^*\phi D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^*\bar{K}^*K^+\phi\bar{D}^{*-}D_s^-)$	21285	20975	1	27979
21287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0D^+D_s^-, \bar{B}^0 \to \pi^0\pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\omega K^0K^0D^+D^0D_s^-)$	21286	20976	1	27980
21288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+\bar{p}\Sigma_c^0)$	21287	20977	1	27981
21289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	21288	20978	1	27982
21290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^+\rho^-\rho^-\eta D^-D^{*+})$	21289	20979	1	27983
21291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0n\bar{\Xi}_c'^0, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-n\bar{\Xi}_c'^0)$	21290	20980	1	27984
21292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+K^*K^{*-}D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+K^*K^{*-}D^-\bar{D}^{*-})$	21291	20981	1	27985
21293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0D^+D^-D_s^{*-}\bar{n}p)$	21292	20982	1	27986
21294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^+K^{*-}D^-D^{*+}n\bar{n})$	21293	20983	1	27987
21295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to \pi^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^+K^*K^+K^-K^{*-}D^-D^{*+})$	21294	20984	1	27988
21296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	21295	20985	1	27989
21297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+K^0K^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+K^0K^-D^-D^{*+}a_1^-)$	21296	20986	1	27990
21298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+K^*K^-\eta'D^+\bar{D}^{*-}D_s^{*-})$	21297	20987	1	27991
21299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+)$	21298	20988	1	27992
21300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}\gamma, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}\gamma)$	21299	20989	1	27993
21301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-K^+K^{*-}D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-K^{*-}D^-D^{*+}\bar{D}^{*0})$	21300	20990	1	27994

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	21301	20991	1	27995
21303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0K^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\omega K^-K^-K^{*+}D^+\Delta^0\bar{\Sigma}_c^{*0})$	2417	2411	1	27996
21304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^{*+})$	21303	20992	1	27997
21305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+})$	21304	20993	1	27998
21306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^-D^+D^-D^{*+})$	21305	20994	1	27999
21307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D_s^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^-D^{*+}D_s^{*+})$	21306	20995	1	28000
21308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\eta\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta\eta\omega D^-D^0)$	21307	20996	1	28001
21309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta K^-D^-\bar{\Delta}^0\Sigma_c^+)$	21308	20997	1	28002
21310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\bar{K}^0K^*D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}D^{*+})$	21309	20998	1	28003
21311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta D^{*+}\bar{D}^0D_s^-)$	21310	20999	1	28004
21312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*\eta'D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^*\bar{K}^*K^+\eta'\phi D^+\bar{D}^{*-})$	21311	21000	1	28005
21313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{p}\Sigma_c^{++}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-K^-D^{*+}\bar{p}\Sigma_c^{++})$	21312	21001	1	28006
21314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^*K^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+K^*K^-D^{*+}\bar{D}^0)$	21313	21002	1	28007
21315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\omega K^-D^+\bar{D}^{*-})$	21314	21003	1	28008
21316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0D^-p\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0\bar{K}^0D^-D_s^+p\bar{\Lambda})$	21315	21004	1	28009
21317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\eta D^+D^{*+})$	21316	21005	1	28010
21318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^-D^{*+}D^0p\bar{p})$	21317	21006	1	28011

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega\bar{K}^0 D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\bar{K}^0 D^- D_s^+ D_s^{*+})$	21318	21007	1	28012
21320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+ D^{*+}\bar{D}^{*-}n\bar{n})$	21319	21008	1	28013
21321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^- D^{*+}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^- D^{*+} D^{*+}\bar{D}^{*0})$	21320	21009	1	28014
21322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta' D^+\bar{D}^{*-})$	21321	21010	1	28015
21323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- K^* D_s^-, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^*\bar{K}^* K^- D^{*+} D_s^-)$	21322	21011	1	28016
21324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}\Sigma^0\bar{\Xi}^{*+}, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-}\Sigma^0\bar{\Xi}^{*+})$	21323	21012	1	28017
21325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^+\pi^+ K^* K^{*-} D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+ K^* K^{*-} D^- D_2^{*-})$	21324	21013	1	28018
21326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta' p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\eta'\bar{n}p\Sigma_c^0\bar{\Sigma}_c^-)$	21325	21014	1	28019
21327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	21326	21015	1	28020
21328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\eta K^0 D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\eta K^0 D^+ D^{*+})$	21327	21016	1	28021
21329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^{*-} D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^- K^0 K^{*-} D^+ D^{*+}\bar{D}^{*-}\bar{D}^0)$	21328	21017	1	28022
21330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{p}\Xi_c'^+$ $(e^+e^- \to \mu^+\nu_\mu\eta\omega\bar{D}^{*-}\bar{p}\Xi_c'^+)$	21329	21018	1	28023
21331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^+ D^-, \bar{B}^0 \to \pi^0\pi^0 K^0 K^-\phi D^{*+}$ $(e^+e^- \to \pi^0\pi^0\eta K^0 K^0 K^-\phi D^+ D^- D^{*+})$	21330	21019	1	28024
21332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ a_1^-, \bar{B}^0 \to \pi^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0 K^0 K^- D^+ D^+ a_1^-)$	21331	21020	1	28025
21333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\eta D^{*0} D_1'^-)$	21332	21021	1	28026
21334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^* D^+\bar{D}^{*-} D^0)$	21333	21022	1	28027
21335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^+, B^0 \to \bar{K}^0 K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^{*+} D^-\bar{D}^{*-} D_s^+)$	21334	21023	1	28028

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\bar{n}p\Delta^+\bar{\Delta}^{++})$	21335	21024	1	28029
21337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	21336	21025	1	28030
21338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta' D^{*+}\bar{D}^{*-}a_1^+)$	21337	21026	1	28031
21339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+D^+\bar{D}^{*-})$	21338	21027	1	28032
21340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^0D^{*+}D^{*0}\bar{D}^{*0}D_{s1}'^-)$	21339	21028	1	28033
21341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}p\bar{\Delta}^{++})$	21340	21029	1	28034
21342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	21341	21030	1	28035
21343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^+\bar{D}^{*-})$	21342	3509	1	28036
21344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0K^0\psi(3770), B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}\psi(3770))$	21343	21031	1	28037
21345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^*K^+, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0\bar{K}^*K^+D^{*0}\bar{D}^{*0})$	21344	21032	1	28038
21346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta K^0K^-D^+D^{*+})$	21345	21033	1	28039
21347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^+D^-D^{*0})$	21346	21034	1	28040
21348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^+\rho^+\bar{K}^*D^-\bar{D}^{*-}D^{*0})$	21347	21035	1	28041
21349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^+D^{*+})$	21348	21036	1	28042
21350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\bar{D}^0D^{*0})$	21349	21037	1	28043
21351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+})$	21350	21038	1	28044
21352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}D^{*0})$	21351	21039	1	28045

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu \bar{K}^0 D^{*0}\bar{D}^{*0}D_1^-)$	21352	21040	1	28046
21354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\eta\eta K^+K^-\phi D^+$ $(e^+e^- \to \pi^-\eta\eta K^+K^-K^{*+}\phi D^+\bar{D}^{*-}D^{*0})$	21353	21041	1	28047
21355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D_s^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+})$	21354	21042	1	28048
21356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta K^0 D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0K^*\bar{K}^*D^-D^{*+})$	21355	21043	1	28049
21357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\eta D^-D^-D_s^{*+})$	21356	21044	1	28050
21358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta\bar{D}^0, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta K^*K^{*-}D^+\bar{D}^0)$	21357	21045	1	28051
21359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-n\bar{n}, \bar{B}^0 \to \rho^0K^0\bar{K}^0D^0$ $(e^+e^- \to \rho^0\pi^+\eta K^0\bar{K}^0D^-D^0n\bar{n})$	21358	21046	1	28052
21360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega D_2^{*+}\bar{D}^0D_s^-)$	21359	21047	1	28053
21361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	21360	21048	1	28054
21362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^-D^{*+})$	21361	21049	1	28055
21363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+, \bar{B}^0 \to \rho^-\omega K^+K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\omega K^+K^{*-}D^+)$	21362	21050	1	28056
21364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	21363	16249	1	28057
21365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^-D^{*+}, \bar{B}^0 \to \pi^+\rho^+K^0K^-K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^-K^{*+}K^{*-}D^-D^{*+}D^0)$	21364	21051	1	28058
21366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0K^+K^-D^+D^-)$	21365	21052	1	28059
21367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^{*+}D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^{*+}D^-D^{*+}D^0)$	21366	21053	1	28060
21368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^+n\bar{\Xi}_c'^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}n\bar{\Xi}_c'^-D_{s1}'^+)$	21367	21054	1	28061
21369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\rho^-K^{*+}\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\rho^-\rho^-K^{*+}D_2^{*+}\bar{D}^0)$	21368	21055	1	28062

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^-D^{*+})$	21369	21056	1	28063
21371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*0})$	21370	21057	1	28064
21372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\eta K^{*-}D^+D^-\bar{D}^0)$	21371	21058	1	28065
21373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0K^+K^-D^+D_s^{*-})$	21372	16218	1	28066
21374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}\bar{n}p)$	21373	21059	1	28067
21375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta\omega\omega D^-D^-)$	21374	21060	1	28068
21376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*0}\bar{D}^{*0}\bar{\Delta}^0\Sigma^0)$	21375	21061	1	28069
21377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma)$	21376	21062	1	28070
21378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^*J/\psi, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^-\rho^+K^*D_s^-J/\psi D_1^+)$	21377	21063	1	28071
21379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega\omega K^0D^+D^{*+}\bar{D}^{*-})$	2418	2412	1	28072
21380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\omega\bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-\omega D^+\bar{\Lambda}\Lambda_c^+)$	21379	21065	1	28073
21381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\omega D^-\bar{D}^{*-})$	21380	21066	1	28074
21382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\rho^-\rho^-n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-\rho^-D^-n\bar{n})$	21381	21067	1	28075
21383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+D^-\bar{n}\Xi_c'^0)$	21382	21068	1	28076
21384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^-D^0$ $(e^+e^- \to \pi^+\rho^+D^-\bar{D}^{*-}D^0)$	21383	21069	1	28077
21385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0D^{*+}D^0\bar{D}^{*0})$	21384	21070	1	28078
21386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^*K^{*+}D^-D^{*+}\bar{D}^{*-}D^0)$	21385	21071	1	28079

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^{*-}\bar{D}^0D_s^+, \bar{B}^0 \to K^*D^+\bar{p}\Lambda$ $(e^+e^- \to K^0K^*K^{*-}D^+\bar{D}^0D_s^+\bar{p}\Lambda)$	2419	2413	1	28080
21388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c0}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \bar{K}^0K^*D_s^+D_s^-\chi_{c0})$	21387	21073	1	28081
21389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^-D^{*+}, \bar{B}^0 \to \rho^-\eta\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\eta\omega K^*D^-D^{*+}D^{*+})$	21388	21074	1	28082
21390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_s^{*+}D_1^-)$	21389	21075	1	28083
21391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\omega K^-K^{*+}D^+$ $(e^+e^- \to \pi^-\omega K^-K^{*+}D^+\bar{D}^{*-}a_1^+)$	21390	21076	1	28084
21392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\rho^+\rho^-K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^-K^0K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	21391	21077	1	28085
21393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*0}\bar{n}\Delta^0)$	21392	21078	1	28086
21394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p\gamma)$	21393	21079	1	28087
21395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^+\pi^-\rho^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta D^-D_1^-)$	21394	21080	1	28088
21396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^0\bar{K}^0D^-D^{*+})$	21395	21081	1	28089
21397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^0K^+D^-D^{*+})$	21396	21082	1	28090
21398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^0)$	21397	21083	1	28091
21399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-})$	21398	21084	1	28092
21400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^-D^-D^{*+}D_s^{*+})$	21399	21085	1	28093
21401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D_s^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^*D^0D_s^+D_s^-)$	21400	21086	1	28094
21402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}\gamma)$	21401	21087	1	28095
21403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+K^{*-}D^+D^{*+})$	21402	21088	1	28096

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ \bar{D}^{*0}, \bar{B}^0 \to \bar{K}^* D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^- \bar{K}^* K^+ D^{*+} \bar{D}^{*-} \bar{D}^{*0})$	21403	21089	1	28097
21405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \omega D^- D^{*+}, \bar{B}^0 \to K^- D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0 \omega K^- D^- D^{*+} D^{*+} \bar{D}^0)$	21404	21090	1	28098
21406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \rho^- D^{*+} \gamma$ $(e^+e^- \to \pi^0\pi^0 \rho^- D^- D^{*+} D_s^{*+} \gamma)$	21405	21091	1	28099
21407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^- \rho^- \omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- \eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- \rho^- \eta\omega D^{*+} \bar{D}^{*-})$	21406	21092	1	28100
21408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^+ K^{*-} D^-, \bar{B}^0 \to D^+ \Sigma^{*-} \bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^+ K^+ K^{*-} D^+ D^- \Sigma^{*-} \bar{\Sigma}^0)$	21407	21093	1	28101
21409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+ \eta D^-, B^0 \to \pi^+\pi^- \rho^+ \eta \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^- \rho^+ \eta\eta D^- \bar{D}^{*-})$	21408	12860	1	28102
21410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- \bar{D}^{*0} D_s^+, \bar{B}^0 \to e^- \bar{\nu}_e D^+$ $(e^+e^- \to e^- \bar{\nu}_e \rho^- D^+ \bar{D}^{*0} D_s^+)$	21409	21094	1	28103
21411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \bar{K}^* D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*-} a_1^+)$	21410	21095	1	28104
21412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^- D^+ \bar{D}^0 D_s^{*+})$	21411	21096	1	28105
21413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \pi^0\pi^0 K^0 \chi_{c0}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0 K^0 \bar{D}^{*-} \chi_{c0})$	21412	21097	1	28106
21414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- \eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^- \eta D^+ D^{*+} D_s^-)$	21413	21098	1	28107
21415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^- \eta\omega K^+ K^-, \bar{B}^0 \to \pi^+ \eta\omega K^+ K^- K^- D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^- \eta\eta\omega\omega K^+ K^+ K^- K^- K^- D^{*0})$	21414	21099	1	28108
21416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^- \bar{K}^0 \bar{D}^{*0} D_s^+$ $(e^+e^- \to \pi^- \bar{K}^0 \bar{D}^{*-} \bar{D}^{*0} D_s^+ D_s^{*+})$	21415	21100	1	28109
21417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-} \gamma, \bar{B}^0 \to \pi^0 \rho^- D^{*+}$ $(e^+e^- \to \pi^0 \rho^+ \rho^- D^{*+} D_2^{*-} \gamma)$	21416	21101	1	28110
21418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^0 D^- D_s^{*+} D_1'^+)$	21417	21102	1	28111
21419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p \bar{\Sigma}_c^0, \bar{B}^0 \to \pi^- \omega D^+$ $(e^+e^- \to \pi^- \rho^- \omega D^+ p \bar{\Sigma}_c^0)$	21418	21103	1	28112
21420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n \bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0 \omega D^{*0}$ $(e^+e^- \to \pi^0 \omega\omega D^{*0} n \bar{\Sigma}_c^0)$	21419	21104	1	28113

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta K^0K^{*-}D^{*+}\bar{D}^{*-})$	21420	21105	1	28114
21422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \rho^-\eta K^+K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\eta K^+K^{*-}D^+D^{*+})$	21421	21106	1	28115
21423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\eta\eta\bar{D}^0$ $(e^+e^- \to \pi^0\eta\eta D^-\bar{D}^0D_s^+)$	21422	21107	1	28116
21424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^-\omega K^0\bar{K}^0\phi D^+\bar{D}^{*-}D_s^+)$	21423	21108	1	28117
21425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^-\bar{D}^{*-})$	21424	21109	1	28118
21426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	21425	21110	1	28119
21427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\omega K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega K^-D^{*+}\bar{D}^{*-})$	21426	21111	1	28120
21428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}D_0^{*+})$	21427	21112	1	28121
21429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}\gamma$ $(e^+e^- \to \rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}\gamma)$	21428	21113	1	28122
21430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^+D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^+D^{*0}\bar{D}^{*0}D_s^{*-})$	21429	21114	1	28123
21431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^*\bar{K}^*D^+\bar{D}^{*-})$	21430	21115	1	28124
21432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^{*+}J/\psi, B^0 \to \eta D^-\bar{n}p$ $(e^+e^- \to \rho^-\eta K^{*+}D^-J/\psi\bar{n}p)$	2420	2414	1	28125
21433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-n\bar{n}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}n\bar{n})$	21432	21117	1	28126
21434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma\gamma, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to \bar{D}^{*-}D^0n\bar{n}D_{s1}'^+\gamma\gamma)$	21433	21118	1	28127
21435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^{*+})$	21434	21119	1	28128
21436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0\eta'D^{*+}\bar{n}\Sigma_c^0)$	21435	21120	1	28129
21437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+D^-)$	21436	21121	1	28130

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^- D^+ D_0^{*-})$	21437	21122	1	28131
21439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\phi D^- D_s^+, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to \pi^0\rho^-\phi D^- D_s^+ D_1^+)$	21438	21123	1	28132
21440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*-} a_1^+)$	21439	21124	1	28133
21441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\bar{K}^0 K^{*+} D^+\bar{D}^{*0})$	21440	21125	1	28134
21442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^+ D^{*+}\bar{D}^{*-} D^{*0})$	21441	21126	1	28135
21443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K_L K^+ K^-$ $(e^+e^- \to e^+\nu_e K_L K^+ K^-\bar{D}^{*-})$	21442	21127	1	28136
21444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0 K^0\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 K^0\bar{D}^{*-}\eta_c)$	21443	21128	1	28137
21445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^0 D^0\bar{D}^0\bar{D}^{*0} D_s^+)$	21444	21129	1	28138
21446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-} D^0)$	21445	21130	1	28139
21447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to K^+ K^- D^- D^{*+}\bar{D}^0 D^{*0})$	21446	21131	1	28140
21448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to K^- D^+ n\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^- K^- D^+ D^{*+} n\bar{\Lambda})$	21447	21132	1	28141
21449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^0\bar{D}^{*0})$	21448	21133	1	28142
21450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\eta K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\eta\eta\eta K^{*-} D^-\bar{D}^{*-})$	21449	21134	1	28143
21451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+ D_s^{*-} D_0^{*-})$	21450	21135	1	28144
21452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^{\prime +}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- p\bar{\Xi}_c^{\prime 0} D_1^{\prime +})$	21451	21136	1	28145
21453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	21452	21137	1	28146
21454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^- K^+ K^- K^- K^{*+} D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^- K^+ K^- K^- K^{*+} D^+ D^{*+})$	21453	21138	1	28147

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+K^*, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^*\bar{p}\Sigma_c^+)$	21454	21139	1	28148
21456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^{*+}K^{*-}D^+\bar{D}^{*-})$	21455	21140	1	28149
21457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-K^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-K^-\bar{D}^{*-}D^0)$	21456	21141	1	28150
21458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^-\eta D^+)$	21457	21142	1	28151
21459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\eta D^{*+}\bar{D}^{*-})$	21458	21143	1	28152
21460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*0})$	21459	21144	1	28153
21461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-D_2^{*+}D_s^{*-})$	21460	21145	1	28154
21462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{\Delta}^+\Sigma_c^{*++})$	21461	21146	1	28155
21463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0D_s^-\bar{\Sigma}^+\Sigma^0)$	21462	21147	1	28156
21464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^+\pi^+\bar{D}^{*-}\Delta^0\bar{p}$ $(e^+e^- \to \pi^+\pi^+\rho^+D^-\bar{D}^{*-}\Delta^0\bar{p})$	21463	21148	1	28157
21465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega D^+D^-D_s^-)$	21464	21149	1	28158
21466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^{*+}\bar{D}^0)$	21465	21150	1	28159
21467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-K^*D^{*+}J/\psi)$	21466	21151	1	28160
21468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0K^*K^-D^+D_s^{*+}D_1^-)$	21467	21152	1	28161
21469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*0}D_s^+)$	21468	21153	1	28162
21470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^+D^-D^{*+})$	21469	21154	1	28163
21471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D^{*+}\Delta^0\bar{p}$ $(e^+e^- \to \pi^+\rho^+\rho^-D^-D^{*+}\Delta^0\bar{p})$	21470	21155	1	28164

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega\omega K^+K^-D^+D^+)$	21471	21156	1	28165
21473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^-D^{*+})$	21472	21157	1	28166
21474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \bar{K}^0K^*D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{K}^0K^*D^+D^-D^-)$	21473	21158	1	28167
21475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^-)$	21474	21159	1	28168
21476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K^+K^+D_s^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^+D^0D_s^-D_s^{*-})$	21475	21160	1	28169
21477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega K^0, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\omega K^0K^*K^-D^{*+})$	21476	21161	1	28170
21478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^{*+}D_s^-n\bar{\Sigma}_c^-)$	21477	21162	1	28171
21479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D^{*+}\Delta^{++}\bar{\Delta}^{++})$	21478	21163	1	28172
21480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\chi_{c0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K_S D^{*+}\chi_{c0})$	21479	21164	1	28173
21481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^0K^+K^-D^+D^{*+}\bar{D}^{*-})$	21480	21165	1	28174
21482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	21481	21166	1	28175
21483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^-K^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	21482	21167	1	28176
21484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^+D^-D^0\bar{D}^{*0})$	21483	21168	1	28177
21485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+\Delta^0\bar{\Sigma}_c^{*0})$	21484	21169	1	28178
21486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^{*+}D^-D^0D^{*0})$	21485	21170	1	28179
21487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_2^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-})$	21486	21171	1	28180
21488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta\omega D^-D^{*+})$	21487	21172	1	28181

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^*D^-\bar{n}\Lambda, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^*D^-\bar{n}\Lambda D_1^+)$	2421	2415	1	28182
21490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\eta_c, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0K_L\pi^+\pi^+\pi^-\pi^-\pi^-D^+\eta_c)$	21489	21174	1	28183
21491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^-K^*\bar{K}^*K^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^*\bar{K}^*K^{*+}D^-)$	21490	21175	1	28184
21492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\eta\omega D^{*+}\bar{D}^{*-})$	21491	21176	1	28185
21493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega\omega D^-D^{*+})$	21492	21177	1	28186
21494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\omega K^{*+}D^-D^0D^{*0})$	21493	21178	1	28187
21495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta\eta\omega D^+D^{*+})$	21494	21179	1	28188
21496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	21495	21180	1	28189
21497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}D_s^{*-})$	21496	21181	1	28190
21498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-})$	21497	21182	1	28191
21499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma, B^0 \to \bar{D}^0\bar{n}\Delta^0$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0D_{s1}'^+\gamma)$	21498	21183	1	28192
21500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\rho^-\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega K^0K^-D^+D^-)$	21499	21184	1	28193
21501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^0)$	21500	21185	1	28194
21502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\rho^+K^{*-}\bar{p}\Lambda_c^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+K^{*-}D^+\bar{p}\Lambda_c^+)$	21501	21186	1	28195
21503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^0D_s^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0D^+D_s^-D_{s1}'^-)$	21502	21187	1	28196
21504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0\eta'D^+D^-$ $(e^+e^- \to \pi^-\bar{K}^0\eta'D^+D^-\bar{D}^0D_s^+)$	21503	21188	1	28197
21505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^-D_s^+\psi(3770))$	21504	21189	1	28198

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+} D_s^+ D_s^{*-})$	21505	21190	1	28199
21507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\rho^+\rho^+\rho^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^0)$	21506	21191	1	28200
21508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0\bar{K}^0\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta K^0\bar{K}^0 D^{*+}\bar{D}^{*0}D_s^{*+})$	21507	21192	1	28201
21509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \bar{K}^0 K^+ D^+ D^-\Sigma^-\bar{\Sigma}^0)$	21508	21193	1	28202
21510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^- K^+\bar{p}\Sigma_c^{*++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^- K^+ D^{*+}\bar{p}\Sigma_c^{*++})$	21509	21194	1	28203
21511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^{*-} D_{s1}'^+)$	21510	21195	1	28204
21512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\omega\bar{D}^{*-} D_2^{*+})$	21511	21196	1	28205
21513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^+)$	21512	21197	1	28206
21514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-\eta D^- D^{*+})$	21513	21198	1	28207
21515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^- D^{*+})$	21514	21199	1	28208
21516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta' D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta' D^{*+}\bar{D}^{*-})$	21515	21200	1	28209
21517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^0\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0 D^- D^{*+} D^{*+})$	2422	2416	1	28210
21518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to K^* D^{*+} D_s^- J/\psi)$	21517	21202	1	28211
21519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{n}p, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0 D^-\bar{D}^0 D^{*0}\bar{n}p)$	21518	21203	1	28212
21520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\rho^- D^{*+}\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta D^- D^{*+}\bar{n}\Delta^0)$	21519	21204	1	28213
21521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	21520	21205	1	28214
21522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^- D^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0 D^- D^0)$	21521	21206	1	28215

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-D^-)$	21522	21207	1	28216
21524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^0D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^-D^{*0}D^{*0})$	21523	21208	1	28217
21525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^*K^+K^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+K^{*-}D^{*+})$	21524	21209	1	28218
21526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0K^+K^-K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_eK^0K^+K^-K^{*-}D^{*+}\bar{D}^{*-})$	21525	21210	1	28219
21527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-D^{*0})$	21526	21211	1	28220
21528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \pi^+\pi^-\bar{D}^0\bar{X}_{sd}\gamma)$	21527	21212	1	28221
21529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+D^{*+}D_s^{*-})$	21528	21213	1	28222
21530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^*\bar{D}^{*-}D_s^+)$	2423	2417	1	28223
21531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\omega D^-D^0D_s^{*-})$	21530	21215	1	28224
21532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{K}^*D^0\bar{D}^0\chi_{c1})$	21531	21216	1	28225
21533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^{*+}\gamma$ $(e^+e^- \to e^+\nu_eK^*K^{*-}D^{*+}\bar{D}^{*-}\gamma)$	21532	21217	1	28226
21534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^-\Delta^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^+a_1^-)$	21533	21218	1	28227
21535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to \rho^0\pi^-\rho^+K^0$ $(e^+e^- \to \rho^0\pi^-\rho^+K^0D^-D_{s0}^{*+})$	21534	21219	1	28228
21536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{D}^{*-})$	21535	21220	1	28229
21537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^-\pi^-\eta K^*\bar{K}^*D^+D^+)$	21536	21221	1	28230
21538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^{*-})$	21537	21222	1	28231
21539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^-D^+D^-\bar{D}^{*0}a_1^+)$	21538	21223	1	28232

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0} \bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+ K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+ K^0 K^* K^{*-} D^{*+} D^{*0} \bar{D}^{*0})$	21539	21224	1	28233
21541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to D^{*+} D'^-_{s1}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^- D^{*+} D'^-_{s1})$	21540	21225	1	28234
21542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\eta\omega D^+ \bar{D}^{*-})$	21541	21226	1	28235
21543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Delta}^- \Delta^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^- D^+ D^- \bar{\Delta}^- \Delta^0)$	21542	21227	1	28236
21544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0 D^-)$	21543	21228	1	28237
21545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\omega\bar{D}^{*-} D_1^-)$	21544	21229	1	28238
21546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^- \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*0}\bar{D}^{*0})$	21545	21230	1	28239
21547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^+ K^0\bar{K}^0 D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta K^0\bar{K}^0 D^-\bar{D}^{*-})$	21546	21231	1	28240
21548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \rho^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-\eta\eta\eta\omega D^+ D^-)$	21547	21232	1	28241
21549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \omega D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\omega D^- D^{*+}\bar{D}^{*-})$	21548	21233	1	28242
21550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \tau^+\nu_\tau D^- D_s^- D_1^+)$	21549	21234	1	28243
21551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-} D^0)$	21550	21235	1	28244
21552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-\rho^- D^+ D^-)$	21551	21236	1	28245
21553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \rho^- K^0 D_2^{*+} D^{*0}\bar{D}^{*0})$	21552	21237	1	28246
21554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^* K^{*+} D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\eta\bar{K}^* K^{*+} D^- D_0^{*+})$	21553	21238	1	28247
21555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Xi}_c^0, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^+ n\bar{\Xi}_c^0)$	21554	21239	1	28248
21556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^* D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	21555	21240	1	28249

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^-\rho^+\eta\bar{K}^0K^+K^-D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\eta\bar{K}^0K^+K^-D^-D^0)$	21556	21241	1	28250
21558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^0, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^+D^-D^0)$	21557	21242	1	28251
21559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \rho^0\bar{K}^0D^+D^-\bar{D}^0)$	21558	21243	1	28252
21560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^-\omega D^+\gamma$ $(e^+e^- \to \rho^-\omega D^+D^-D_s^+\gamma)$	21559	21244	1	28253
21561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0K^+\bar{D}^{*-}D^0D_s^{*-})$	21560	21245	1	28254
21562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^-D^{*+}\bar{n}p)$	21561	21246	1	28255
21563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	21562	21247	1	28256
21564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}p\bar{p})$	21563	21248	1	28257
21565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+D^+\bar{D}^{*0})$	21564	21249	1	28258
21566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{--}$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}D_{s1}'^+)$	21565	21250	1	28259
21567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}\bar{D}^0D^{*0}D_{s1}'^+)$	21566	21251	1	28260
21568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-})$	21567	21252	1	28261
21569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^{*+}D_0^{*-})$	21568	21253	1	28262
21570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\rho^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-\bar{D}^{*-}\bar{D}^0)$	21569	21254	1	28263
21571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\eta K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^0K^-D^+\bar{D}^{*-})$	21570	21255	1	28264
21572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^0)$	21571	21256	1	28265
21573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\eta\bar{K}^*D^{*+}n\bar{\Xi}_c'^0)$	21572	21257	1	28266

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c1}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\omega K^+D^+\chi_{c1})$	21573	21258	1	28267
21575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	21574	21259	1	28268
21576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \eta\Sigma^{*0}\bar{\Omega}_c^0$ $(e^+e^- \to e^+\nu_e\eta D^-\Sigma^{*0}\bar{\Omega}_c^0)$	21575	21260	1	28269
21577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+D^{*+}\bar{D}^{*0}D_s^{*-})$	21576	21261	1	28270
21578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-p\bar{\Delta}^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^+D^-p\bar{\Delta}^+)$	21577	21262	1	28271
21579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+})$	21578	21263	1	28272
21580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+K^{*-}J/\psi, \bar{B}^0 \to \pi^+\rho^-\omega K^0K^-D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega K^0K^-K^{*-}D^+J/\psi)$	21579	21264	1	28273
21581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta\eta'\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta'\bar{D}^{*-}D^{*0})$	21580	21265	1	28274
21582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^-)$	21581	21266	1	28275
21583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, \bar{B}^0 \to \phi D^{*+}D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\phi D^{*+}\bar{D}^{*-}D_s^{*-}\gamma)$	21582	21267	1	28276
21584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+})$	21583	21268	1	28277
21585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_{s1}'^-)$	21584	21269	1	28278
21586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^0K^+D^-, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	21585	21270	1	28279
21587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^*K^-D^-D^{*+})$	21586	21271	1	28280
21588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^+D^-D^{*+})$	21587	21272	1	28281
21589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\omega D^+, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^0K^{*-}D^+D^+)$	21588	21273	1	28282
21590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\rho^+D^-\bar{D}^{*-})$	21589	21274	1	28283

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}\bar{n}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^- D^{*0}\bar{n}\Lambda D_1^-)$	21590	21275	1	28284
21592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^0 K^{*+}\bar{D}^{*-}D_2^{*+}D_s^{*-})$	21591	21276	1	28285
21593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+K^*D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^*D^+D_s^-D_s^{*-})$	21592	21277	1	28286
21594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \rho^+\rho^-\omega D^- D_1'^+)$	21593	21278	1	28287
21595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	21594	4134	1	28288
21596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_s^{*-}D_1'^+)$	21595	11041	1	28289
21597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\phi J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*\phi D^{*+}J/\psi)$	21596	21279	1	28290
21598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\omega\bar{D}^{*-}D^0D_s^-)$	21597	21280	1	28291
21599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\omega\omega K^+K^{*-}D^{*+}\bar{D}^{*-})$	21598	21281	1	28292
21600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^0K^+\phi\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0K^+\phi D^+\bar{D}^{*0})$	21599	21282	1	28293
21601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to \pi^0\pi^-\eta\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta K^0K^0\bar{K}^0D^+\chi_{c1})$	21600	21283	1	28294
21602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\phi D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\phi\bar{D}^{*-}D_s^{*-})$	2424	2418	1	28295
21603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+K^0\bar{K}^0D^+D^-D_s^{*-})$	21602	21285	1	28296
21604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0K^+K^-D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^0K^+K^-D^{*+}D_s^{*-})$	21603	21286	1	28297
21605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\eta\eta\omega\omega\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\eta\eta\omega\omega\bar{D}^{*-}\bar{D}^0)$	21604	21287	1	28298
21606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0K^*\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-})$	21605	21288	1	28299
21607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^+D_1'^-)$	21606	21289	1	28300

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \bar{K}^0 \chi_{c0}$ $(e^+e^- \to \pi^0 \eta K^0 \bar{K}^0 D^+ \bar{D}^{*-} \chi_{c0})$	21607	21290	1	28301
21609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \bar{K}^0 K^+ \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 J/\psi$ $(e^+e^- \to \rho^0 \bar{K}^0 \bar{K}^0 K^+ \bar{D}^{*-} J/\psi)$	21608	21291	1	28302
21610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0 K^{*-} \eta' D_s^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 K^{*-} \eta' D_s^{*+} D_1^+)$	21609	21292	1	28303
21611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S K^+ K^-, \bar{B}^0 \to \pi^0 \rho^0 \rho^- D^{*+}$ $(e^+e^- \to \pi^0 \rho^0 \rho^- K_S K^+ K^- D^{*+})$	21610	21293	1	28304
21612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to D^{*+} \bar{\Delta}^0 \Sigma^-$ $(e^+e^- \to \pi^+\pi^- D^- D^{*+} D_s^{*+} \bar{\Delta}^0 \Sigma^-)$	21611	21294	1	28305
21613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+ \nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^- \rho^+ \rho^- D^+$ $(e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^- \rho^+ \rho^- D^+ \bar{D}^{*-})$	21612	21295	1	28306
21614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 K^* D_s^-, \bar{B}^0 \to \pi^0 \pi^- \pi^- \bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^0 \pi^- \pi^- \rho^+ K^0 K^* \bar{K}^* K^+ D^{*+} D_s^-)$	21613	21296	1	28307
21615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^- \rho^+ \rho^- \eta D^+$ $(e^+e^- \to \pi^0 \pi^0 \pi^- \rho^+ \rho^- \eta D^+ D^- D_s^+)$	21614	21297	1	28308
21616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \eta K^0 \bar{K}^0 D^-, \bar{B}^0 \to \pi^+ \pi^+ K^- D^- D^0$ $(e^+e^- \to \pi^+ \pi^+ \pi^+ \eta K^0 \bar{K}^0 K^- D^- D^- D^0)$	21615	21298	1	28309
21617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}, \bar{B}^0 \to \pi^+ \rho^- \rho^- \eta D^+$ $(e^+e^- \to \pi^+ \rho^- \rho^- \eta K^- D^+ D^{*+} \bar{D}^{*0})$	21616	21299	1	28310
21618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to D^0 p \bar{\Delta}^+$ $(e^+e^- \to \rho^+ D^0 p \bar{\Delta}^+ D_1'^-)$	21617	21300	1	28311
21619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+ \bar{D}^{*-} D^0, B^0 \to \pi^0 \pi^0 \rho^0 \rho^0 \rho^+ D^-$ $(e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^0 \rho^+ K^+ D^- \bar{D}^{*-} D^0)$	21618	21301	1	28312
21620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^+ \omega \bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+ \bar{\Sigma}^+ \Sigma^-$ $(e^+e^- \to \pi^0 \pi^- \rho^+ \omega D^+ \bar{D}^{*-} \bar{\Sigma}^+ \Sigma^-)$	2425	2419	1	28313
21621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+ \nu_\mu \pi^- \bar{D}^0, \bar{B}^0 \to \pi^0 \pi^0 \pi^+ \pi^- \pi^- D^+$ $(e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \pi^+ \pi^- \pi^- \pi^- D^+ \bar{D}^0)$	21620	21303	1	28314
21622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ K^+ K^- K^{*+} D_s^-, \bar{B}^0 \to \omega K^0 K^- D^{*+}$ $(e^+e^- \to \pi^- \omega K^0 K^+ K^+ K^- K^- K^{*+} D^{*+} D_s^-)$	21621	21304	1	28315
21623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+ \nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^+ \pi^- \pi^- \omega D^+$ $(e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^- \pi^- \omega D^+ \bar{D}^{*-})$	21622	21305	1	28316
21624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^+ \pi^+ \pi^+ \rho^- \rho^- \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \rho^- \rho^- D^{*+} \bar{D}^{*-} D_s^{*-})$	21623	21306	1	28317

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	21624	21307	1	28318
21626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\omega D^+D^-)$	21625	21308	1	28319
21627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^*\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	21626	21309	1	28320
21628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\rho^+\rho^-\eta K^{*-}D^-D^{*+}\bar{D}^{*0})$	21627	21310	1	28321
21629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\eta_c, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^*D^{*+}\eta_c)$	21628	21311	1	28322
21630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+D^-)$	21629	7873	1	28323
21631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^0D_s^{*-}D_1^-)$	21630	21312	1	28324
21632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^*K^+K^-K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^*K^+K^-K^-D^+\bar{D}^{*-})$	2426	2420	1	28325
21633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Delta^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{p}\Delta^+)$	21632	21314	1	28326
21634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}\bar{n}p)$	21633	12515	1	28327
21635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-n\bar{n}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+K^0\bar{K}^0\bar{K}^0D^+D^-n\bar{n})$	21634	21315	1	28328
21636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}a_1^-)$	21635	21316	1	28329
21637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Xi}_c^-, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \rho^+D^{*0}n\bar{n}\Delta^0\bar{\Xi}_c^-)$	21636	21317	1	28330
21638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^*$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta\bar{K}^*D^-)$	21637	21318	1	28331
21639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*0}\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}D^{*0}\Delta^{++}\bar{\Delta}^{++})$	21638	21319	1	28332
21640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^*K^{*-}D^+D_2^{*-})$	21639	21320	1	28333
21641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0K^0\bar{K}^0K^*K^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^0\bar{K}^0\bar{K}^0K^*K^{*-}D^+)$	21640	21321	1	28334

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	21641	21322	1	28335
21643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{\Delta}^0\Sigma_c^{*0})$	21642	21323	1	28336
21644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega K^0K^-K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^+\omega K^0K^-K^{*-}D^+\bar{D}^{*-})$	21643	21324	1	28337
21645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^*K^-D^+\bar{D}^{*-}D_s^{*+})$	21644	21325	1	28338
21646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega K^0\bar{K}^*K^+D^{*+}D^0\bar{D}^0)$	21645	21326	1	28339
21647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+D^-)$	2427	2421	1	28340
21648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0\phi D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-K^0\phi D^{*+}D^0)$	21647	21328	1	28341
21649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	21648	21329	1	28342
21650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^+D^{*+}p\bar{p})$	21649	21330	1	28343
21651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}D^0\bar{D}^{*0})$	21650	21331	1	28344
21652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^{*0}D_0^{*-})$	21651	21332	1	28345
21653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\eta D^-D^{*+}\bar{\Delta}^-\Delta^0)$	21652	21333	1	28346
21654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-K^+K^-D^+\bar{D}^{*-})$	21653	21334	1	28347
21655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{K}^*K^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\rho^-\bar{K}^*K^+D^{*+}\gamma)$	21654	21335	1	28348
21656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	21655	21336	1	28349
21657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^-\omega D^{*+}D^{*+})$	21656	21337	1	28350
21658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^*D^0$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^{*+}D^0)$	21657	21338	1	28351

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^0 D^+ \bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\eta\omega K^0 D^+ D^+ \bar{D}^0)$	21658	21339	1	28352
21660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^- D^{*+}\bar{D}^{*-})$	21659	21340	1	28353
21661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0 D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\rho^-\bar{K}^0 D^+ D_2^{*-}\bar{D}^{*0})$	21660	21341	1	28354
21662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Lambda\bar{\Xi}^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^- D^{*+} D_s^{*-}\Lambda\bar{\Xi}^+)$	2428	2422	1	28355
21663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\omega D^- D^{*+})$	21662	21343	1	28356
21664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0 K^- D^+ D^-\bar{D}^{*0} D_s^{*+})$	21663	21344	1	28357
21665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \pi^+\rho^- D^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^- D^- D^{*+}\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++})$	21664	21345	1	28358
21666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \eta\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to \eta K^* D^- D^{*+}\bar{\Sigma}^0\Xi_c^0)$	21665	21346	1	28359
21667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ K^* J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+ K^* J/\psi D_1'^+)$	21666	21347	1	28360
21668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+ D^- D^{*+} D_{s1}'^-)$	21667	21348	1	28361
21669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \pi^+\rho^- D^- D^{*+}\gamma)$	21668	21349	1	28362
21670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\bar{K}^* K^+ D_s^{*-}, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^0 K^0 K^0\bar{K}^* K^+ K^- D^+ D_s^{*-})$	21669	21350	1	28363
21671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^- p\bar{p}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ D^- D^{*+} p\bar{p})$	21670	21351	1	28364
21672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^- K^*\eta_c$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^*\bar{D}^{*-}\eta_c)$	21671	21352	1	28365
21673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^+\rho^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{D}^{*-} D^{*0} a_1^+)$	2429	2423	1	28366
21674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 D^- D^0, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \rho^+ K^0 D^+ D^- D^0 D_s^{*-})$	21673	21354	1	28367
21675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-\eta' D^{*+}\bar{D}^0 D_s^+)$	21674	21355	1	28368

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \eta\bar{K}^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta\bar{K}^0 D^{*+}\bar{p}\Lambda_c^+)$	21675	21356	1	28369
21677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^{*+}\eta_c, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^-\omega K^{*+}D^+\eta_c)$	21676	21357	1	28370
21678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta D^- n\bar{\Sigma}_c^0)$	21677	21358	1	28371
21679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^- D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^- D_2^{*+}D_s^{*+})$	21678	21359	1	28372
21680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^- D^+\bar{\Sigma}^0\Xi^-$ $(e^+e^- \to \pi^+\rho^- K^0 D^+ D^{*0}\bar{D}^{*0}\bar{\Sigma}^0\Xi^-)$	21679	21360	1	28373
21681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0, \bar{B}^0 \to \rho^0\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^0\eta\omega\omega\bar{D}^0 D^{*0})$	21680	21361	1	28374
21682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^- D^+\bar{D}^{*-})$	21681	21362	1	28375
21683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D_s^+\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{D}^0 D_s^+\bar{\Delta}^0\Sigma^{*-})$	21682	21363	1	28376
21684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^+\eta K^- D^-$ $(e^+e^- \to \pi^+\pi^+\eta\omega K^- D^- n\bar{\Sigma}_c^0)$	21683	21364	1	28377
21685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^- D^- J/\psi\bar{K}_1^0)$	21684	21365	1	28378
21686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^- K^{*+}D^+\bar{D}^{*0}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^-\pi^- K^{*+}D^+D^+\bar{D}^{*0}D_{s0}^{*-})$	21685	21366	1	28379
21687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega D^- D^{*+})$	21686	21367	1	28380
21688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^- J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\bar{D}^{*-}J/\psi)$	21687	21368	1	28381
21689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \eta K^0\bar{K}^0 K^{*-}D_s^+$ $(e^+e^- \to \eta K^0\bar{K}^0 K^{*-}D^{*+}D_s^+D_s^{*-})$	21688	21369	1	28382
21690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^- D^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega K^{*+}D^+D^- D^{*0})$	21689	21370	1	28383
21691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D_s^+ D_1'^+)$	21690	21371	1	28384
21692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega D^- p\bar{p}, \bar{B}^0 \to \pi^+\phi D^0 D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega\phi D^- D^0 D_s^{*-}p\bar{p})$	21691	21372	1	28385

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+D^-D_1^+)$	21692	21373	1	28386
21694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0D^+\bar{D}^{*-}D^0)$	21693	21374	1	28387
21695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \omega D^+n\bar{p}$ $(e^+e^- \to \pi^-\omega K^0D^+D^{*+}\bar{D}^0n\bar{p})$	21694	21375	1	28388
21696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0K^0K^-D^{*+}\bar{D}^{*-})$	21695	21376	1	28389
21697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^*D^{*+}\bar{D}^{*0})$	21696	21377	1	28390
21698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\omega D^{*+}\bar{D}^{*-}a_1^-)$	21697	21378	1	28391
21699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\eta D^0$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^-D^0D_{s0}^{*+})$	2430	2424	1	28392
21700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^0K^{*-}\eta'D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+K^0K^0\bar{K}^*K^{*-}\eta'\bar{D}^{*-}D^{*0})$	21699	21380	1	28393
21701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0)$	21700	21381	1	28394
21702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+K^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+K^{*-}D_s^+D_s^-D_1'^+)$	21701	21382	1	28395
21703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_eK^-D^+\bar{D}^0D_1^+)$	21702	21383	1	28396
21704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^*p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\eta K^*D^{*+}p\bar{\Lambda}_c^-)$	21703	21384	1	28397
21705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^-D^{*+})$	21704	21385	1	28398
21706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^*D^+D^{*+}\bar{D}^{*-}n\bar{n})$	21705	21386	1	28399
21707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\bar{D}^{*-}\bar{n}p)$	21706	21387	1	28400
21708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	483	483	1	28401
21709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^+\omega K^0K^-D^+\bar{D}^{*-})$	21708	21389	1	28402

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \rho^+K^0K^-J/\psi\Lambda\bar{\Sigma}_c^0)$	21709	21390	1	28403
21711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0D^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^*D^+D_s^{*-}J/\psi)$	21710	21391	1	28404
21712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^-K^+K^{*-}D^0\bar{D}^0D^{*0}\bar{D}^{*0})$	21711	21392	1	28405
21713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\rho^0\rho^+K^0\bar{K}^*D^-)$	21712	21393	1	28406
21714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_eD^{*+}D_s^{*-}D_1^-)$	21713	21394	1	28407
21715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^+K^-D^+D^-)$	21714	21395	1	28408
21716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^0K^-D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^0K^-D^+D_s^+)$	21715	21396	1	28409
21717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-K^0D^+D^-D^{*+})$	21716	21397	1	28410
21718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}p\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-K^{*-}D^+p\bar{\Xi}_c^{\prime 0})$	21717	21398	1	28411
21719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to e^+\nu_e\rho^-D^-D^{*+}\gamma)$	21718	21399	1	28412
21720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}D_2^{*-})$	21719	21400	1	28413
21721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}\bar{n}p)$	21720	21401	1	28414
21722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to \rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0D^{*0})$	21721	21402	1	28415
21723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^{*+})$	21722	21403	1	28416
21724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^{\prime -}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\bar{p}\Sigma_c^0D_1^{\prime -})$	2432	2426	1	28417
21725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-K^{*+}D^+D^-)$	21724	21405	1	28418
21726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to K^*K^-D^-D^{*+}a_1^+)$	21725	21406	1	28419

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^{*+}K^{*-}D^-D^{*+})$	21726	21407	1	28420
21728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0})$	21727	21408	1	28421
21729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\omega\bar{D}^0, \bar{B}^0 \to \eta'\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega\eta'\bar{D}^0\bar{\Delta}^0\Sigma_c^{*0})$	21728	21409	1	28422
21730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}D^0D_s^{*+})$	21729	21410	1	28423
21731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}\gamma, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+D^-D^-D_s^{*+}\gamma)$	21730	21411	1	28424
21732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Sigma^{*+}\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\Sigma^{*+}\bar{\Xi}_c^{*-})$	21731	21412	1	28425
21733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	21732	21413	1	28426
21734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \omega D^+D^-D_2^{*+}D_s^-)$	21733	21414	1	28427
21735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^0K^*D^+\bar{D}^{*-}D_s^{*-})$	21734	21415	1	28428
21736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Sigma^{*0}\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0D^+n\bar{p}\Sigma^{*0}\bar{\Xi}_c^0)$	21735	21416	1	28429
21737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^0\bar{K}^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta K^0\bar{K}^0K^*K^-D^+\bar{D}^{*-})$	21736	21417	1	28430
21738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-\eta D^+\bar{D}^{*-})$	21737	21418	1	28431
21739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+\gamma, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}D_2^{*-}\bar{D}^{*0}D_s^+\gamma)$	21738	21419	1	28432
21740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{p}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{p}\Lambda_c^+)$	21739	21420	1	28433
21741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D^+D_s^{*-})$	21740	21421	1	28434
21742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\rho^+\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}n\bar{\Delta}^0)$	21741	21422	1	28435
21743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \rho^-K^+D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^-K^+D^0\bar{D}^{*0}D_s^{*+}D_1^-)$	21742	21423	1	28436

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}\gamma)$	21743	21424	1	28437
21745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^{*+})$	21744	21425	1	28438
21746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D_0^{*+})$	21745	21426	1	28439
21747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^+D^{*+}D_s^{*-})$	21746	21427	1	28440
21748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^{*0}$ $(e^+e^- \to \pi^+K^*K^{*-}D^+\bar{D}^{*-}D^{*0})$	21747	21428	1	28441
21749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^-)$	21748	21429	1	28442
21750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+\bar{D}^{*-}D_1^+)$	21749	21430	1	28443
21751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0D^+\Delta^0p\bar{\Delta}^+\bar{\Sigma}_c^-)$	21750	21431	1	28444
21752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Xi_c'^+$ $(e^+e^- \to \rho^-\rho^-\eta D^{*+}\bar{n}\Xi_c'^+)$	2433	2427	1	28445
21753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \omega K^{*-}D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega K^{*-}\bar{D}^{*-}D_s^+)$	484	484	1	28446
21754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	21753	21434	1	28447
21755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0K^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^0K^-D^+\bar{D}^0D_s^{*+})$	21754	21435	1	28448
21756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+\eta'D^{*+}\bar{D}^{*-}D_s^{*-})$	21755	21436	1	28449
21757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_1'^-)$	21756	21437	1	28450
21758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^-\bar{D}^0D_s^{*+})$	21757	21438	1	28451
21759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^0D^+\bar{D}^{*-})$	21758	21439	1	28452
21760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \omega D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^+D^-n\bar{p})$	21759	21440	1	28453

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\omega\bar{D}^0, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^0)$	21760	21441	1	28454
21762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^{*+}\chi_{c1})$	21761	21442	1	28455
21763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	21762	21443	1	28456
21764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	21763	21444	1	28457
21765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}\bar{D}^{*-})$	21764	21445	1	28458
21766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta' D^+D^-)$	21765	21446	1	28459
21767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+D^-\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+}\Delta^+\bar{\Delta}^{++})$	21766	21447	1	28460
21768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*K^{*+}D^-\bar{D}^{*-}D^{*0}D^{*0})$	21767	21448	1	28461
21769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^+\bar{\Sigma}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}^{*0}a_1^-)$	21768	21449	1	28462
21770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	21769	21450	1	28463
21771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\bar{K}_0^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^-D_s^+\bar{K}_0^{*0})$	21770	21451	1	28464
21772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{n}\Xi_c'^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega K^+K^-D^+\bar{n}\Xi_c'^0)$	21771	21452	1	28465
21773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^0D^{*0}D_1^-)$	21772	21453	1	28466
21774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^0K^0\bar{K}^*K^{*-}D^{*+}\bar{D}^{*-})$	21773	21454	1	28467
21775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^0K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0K^*K^-D^+D^-n\bar{n})$	21774	21455	1	28468
21776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*0})$	21775	21456	1	28469
21777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	21776	21457	1	28470

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-K^{*+}D^-\bar{D}^{*-})$	21777	21458	1	28471
21779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^{*+}\bar{D}^0)$	21778	21459	1	28472
21780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	21779	21460	1	28473
21781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^*D^{*+}D^{*0}\bar{D}^{*0})$	21780	21461	1	28474
21782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega D^-D^{*+})$	21781	21462	1	28475
21783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^{*+}D^{*+})$	21782	21463	1	28476
21784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\bar{D}^{*-}\bar{\Delta}^0\bar{\Sigma}^0\Sigma^+\Sigma_c^0)$	21783	21464	1	28477
21785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^+D^+)$	21784	21465	1	28478
21786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^-K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^-K^{*+}\bar{D}^{*-}D^0)$	21785	21466	1	28479
21787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-D^+\bar{D}^0D_s^-D_s^{*+})$	21786	21467	1	28480
21788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-\omega K^*D^+D^{*+}\bar{D}^{*0})$	21787	21468	1	28481
21789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^{*+}\bar{D}^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^{*+}D^+\bar{D}^0D_s^{*-})$	21788	21469	1	28482
21790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^-D^{*0}D_s^+)$	21789	21470	1	28483
21791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D^{*+}\bar{D}^{*0})$	21790	3714	1	28484
21792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-})$	21791	21471	1	28485
21793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-\eta'D^{*+}\bar{D}^{*-})$	21792	21472	1	28486
21794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D_2^{*+})$	21793	21473	1	28487

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+K^+D^+\bar{D}^{*-}D_s^-)$	21794	21474	1	28488
21796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^+D_s^-, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+D_s^-J/\psi)$	21795	21475	1	28489
21797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{K}^0K^+D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \omega\omega\bar{K}^0K^+D^+D^-a_1^-)$	21796	21476	1	28490
21798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_2^{*0}J/\psi, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+K_2^{*0}\bar{D}^{*-}J/\psi)$	21797	21477	1	28491
21799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	21798	21478	1	28492
21800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\pi^0K^+\bar{D}^{*-}\bar{n}\Lambda$ $(e^+e^- \to \pi^0\pi^0K^+D^-\bar{D}^{*-}\bar{n}\Lambda D_{s1}'^+)$	21799	21479	1	28493
21801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	21800	21480	1	28494
21802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta K^-D^+D^-\bar{D}^{*0})$	21801	21481	1	28495
21803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D^{*0}\eta_c)$	21802	21482	1	28496
21804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\bar{K}^*K^-D^{*+}D^{*+})$	21803	21483	1	28497
21805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c(2S)$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-}\bar{n}\Delta^+\eta_c(2S))$	21804	21484	1	28498
21806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^-D^+D^+)$	21805	21485	1	28499
21807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^+\eta\eta K^-$ $(e^+e^- \to \rho^0\pi^+\eta\eta K^-\bar{D}^{*-}a_1^+)$	21806	21486	1	28500
21808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}\Delta^0\bar{\Delta}^+)$	21807	21487	1	28501
21809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+p\bar{\Sigma}_c^{--})$	21808	21488	1	28502
21810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\rho^+K^+D^-, B^0 \to \rho^0\pi^+\pi^-K^+K^{*-}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^+K^{*-}D^-\bar{D}^0)$	21809	21489	1	28503
21811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-K^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\rho^-K^+D^{*+}D_s^-)$	21810	21490	1	28504

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}D^{*+})$	21811	21491	1	28505
21813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+K^*, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\rho^+K^*D^{*+})$	21812	21492	1	28506
21814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}n\bar{p})$	21813	21493	1	28507
21815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	21814	21494	1	28508
21816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+K^*K^-D^-D^{*+})$	21815	21495	1	28509
21817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^0, B^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*0}\bar{D}^{*0}\bar{\Lambda}\Sigma^0)$	21816	21496	1	28510
21818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to K^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^+K^*K^-D^+\bar{D}^{*-}n\bar{n})$	21817	21497	1	28511
21819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\phi\eta_c, B^0 \to \tau^+\nu_\tau D^-\gamma$ $(e^+e^- \to \tau^+\nu_\tau K^0\phi D^-\eta_c\gamma)$	21818	21498	1	28512
21820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\rho^-D^+\bar{D}^{*0})$	21819	21499	1	28513
21821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0\bar{D}^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^+\bar{D}^0a_1^-)$	21820	21500	1	28514
21822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\bar{K}^*\eta_c$ $(e^+e^- \to \rho^0\rho^+\omega\bar{K}^*D^-\eta_c)$	21821	21501	1	28515
21823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\omega D^+\bar{D}^{*-})$	21822	21502	1	28516
21824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+D^-D^{*+})$	21823	21503	1	28517
21825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-}\bar{n}p)$	21824	21504	1	28518
21826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^-K^0D^+D^+a_1^-)$	21825	21505	1	28519
21827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-}\Delta^0\bar{\Xi}_c^{*0})$	21826	21506	1	28520
21828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\eta K^-D^+\bar{D}^{*-})$	21827	21507	1	28521

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \rho^+K^-D^0$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\rho^+K^-D^0)$	21828	21508	1	28522
21830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\omega D^+D^{*+})$	21829	6530	1	28523
21831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-}D_s^{*+})$	21830	21509	1	28524
21832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-})$	21831	19293	1	28525
21833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\omega K^-D^-D^{*+}\bar{D}^0)$	21832	20493	1	28526
21834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^+\rho^-K^0K^-D^+$ $(e^+e^- \to \rho^+\rho^-K^0K^-D^+D^{*+}a_1^-)$	21833	21510	1	28527
21835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-D^{*+}\bar{D}^{*-}n\bar{n})$	21834	21511	1	28528
21836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\eta K^+D^+p\bar{p}\Sigma^{*0}\bar{\Sigma}_c^{*-})$	21835	21512	1	28529
21837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \eta K^*K^-D^{*+}$ $(e^+e^- \to \pi^-\eta K^*K^-D^+D^{*+})$	21836	21513	1	28530
21838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-D^-\bar{\Sigma}^+\Sigma^+, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^-D^{*+}\bar{\Sigma}^+\Sigma^+)$	21837	21514	1	28531
21839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+K^{*-}D^+\bar{D}^{*0})$	21838	21515	1	28532
21840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta K^0\bar{K}^0K^-D^-D^{*+}D^{*+})$	2435	2429	1	28533
21841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^*K^{*-}D^{*+}D^{*+}\bar{D}^0)$	21840	21517	1	28534
21842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^{*+}D_s^-)$	21841	21518	1	28535
21843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c'^0)$	21842	21519	1	28536
21844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \rho^+D^{*+}D_s^{*-}\bar{p}\Sigma_c^0)$	21843	21520	1	28537
21845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+K^-D^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu K^+K^-D^-\bar{D}^{*-}D_s^+)$	21844	21521	1	28538

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^{*+}D^-D^{*+})$	21845	21522	1	28539
21847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta K^-K^{*+}D^-D^{*+})$	21846	21523	1	28540
21848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+D^-D^{*+}D_s^{*+})$	21847	21524	1	28541
21849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \eta K^{*-}D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^{*0})$	21848	21525	1	28542
21850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega K^{*+}K^{*-}D^{*+}D_0^{*-})$	21849	21526	1	28543
21851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to K^0D^-D^{*+}D_s^-D_1^+)$	21850	21527	1	28544
21852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\Lambda\bar{\Xi}_c^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0K^*\bar{D}^{*-}\Lambda\bar{\Xi}_c^0)$	21851	21528	1	28545
21853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\Lambda_c^+\bar{\Lambda}_c^-)$	21852	21529	1	28546
21854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta'D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\eta'D^+D^-)$	21853	21530	1	28547
21855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\bar{\Delta}^{++}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+D^{*+}D_s^{*-}\bar{\Delta}^{++}\Lambda_c^+)$	110	110	1	28548
21856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^*D^+D^{*+}\bar{D}^{*-})$	21855	21532	1	28549
21857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0K^-D^+D^+)$	21856	21533	1	28550
21858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\eta_c, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-K^0D^+\eta_c)$	21857	21534	1	28551
21859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0\bar{K}^0\bar{K}^*D_s^+$ $(e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^0K^*\bar{K}^*D^+D^-D_s^+)$	21858	21535	1	28552
21860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0K^*K^-D^{*+}D^0\bar{D}^0)$	21859	21536	1	28553
21861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}D_s^{*-})$	21860	21537	1	28554
21862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\eta, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^+)$	21861	21538	1	28555

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^- D^+ \bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^- D^+\bar{D}^0 D_1^-)$	21862	21539	1	28556
21864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0 D^{*+}D^0\bar{D}^{*0})$	21863	21540	1	28557
21865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^* D^+\bar{D}^{*-})$	21864	21541	1	28558
21866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\bar{K}^* D^+ D^-\bar{D}^{*-}p\bar{p})$	21865	21542	1	28559
21867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-\bar{D}^0 D_s^{*+})$	21866	21543	1	28560
21868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega\omega K^- D^+ D^+\bar{D}^{*0})$	21867	21544	1	28561
21869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}a_1^+)$	21868	21545	1	28562
21870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^- D_s^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^- D^{*+}D_s^+)$	21869	21546	1	28563
21871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega\omega D^{*+}D_1^-)$	21870	21547	1	28564
21872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	21871	21548	1	28565
21873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^* K^{*+}D^- D^{*+})$	2437	2431	1	28566
21874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+ D^{*+}D_{s1}'^-)$	21873	21550	1	28567
21875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^- K^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	21874	21551	1	28568
21876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta D^+ D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta D^+\bar{D}^{*-}D_s^{*-})$	21875	21552	1	28569
21877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta K^{*+}D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta K^{*+}D^-\bar{\Delta}^+\Sigma_c^{++})$	2438	2432	1	28570
21878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}a_1^+)$	21877	21554	1	28571
21879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{K}^* D^-\bar{D}^{*-}D^{*0})$	21878	21555	1	28572

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\bar{D}^{*-}D^0D_s^{*-})$	21879	21556	1	28573
21881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}a_1^+)$	21880	21557	1	28574
21882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}a_1^+)$	21881	21558	1	28575
21883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega K^0K^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\omega\omega K^0K^-D^-D^0)$	21882	21559	1	28576
21884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega K^*D^+\bar{D}^{*0})$	21883	21560	1	28577
21885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^-D^-D^{*+}\bar{D}^{*0})$	21884	21561	1	28578
21886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+D^-D_s^+)$	21885	21562	1	28579
21887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^0K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0K^*\bar{K}^*D^+D^{*+}D_s^{*-})$	21886	21563	1	28580
21888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\omega K^+K^+K^-K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega K^+K^+K^-K^-D^{*0}\Delta^0\bar{\Sigma}_c^0)$	21887	21564	1	28581
21889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	21888	21565	1	28582
21890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-D^+D_2^{*-})$	21889	21566	1	28583
21891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	21890	21567	1	28584
21892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-}D^0)$	21891	6504	1	28585
21893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+, \bar{B}^0 \to K^*K^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^*K^-K^{*+}K^{*-}D^+D^+)$	21892	21568	1	28586
21894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^-D^{*+})$	21893	5414	1	28587
21895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	21894	21569	1	28588
21896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^0p\bar{p}, \bar{B}^0 \to \pi^0\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^0p\bar{p})$	21895	21570	1	28589

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^+K^-D^{*+}\bar{D}^{*-})$	21896	21571	1	28590
21898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-})$	21897	21572	1	28591
21899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{D}^{*-}\bar{n}pD_1^+)$	21898	21573	1	28592
21900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0K^{*+}D^{*+}\bar{D}^{*-})$	21899	21574	1	28593
21901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D_2^{*+}D_s^-)$	21900	21575	1	28594
21902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+K^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-K^+K^-D^{*+}\bar{D}^0D_s^{*+})$	21901	21576	1	28595
21903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta D^{*+}p\bar{\Sigma}_c^{--})$	21902	21577	1	28596
21904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^{*+}D^{*0}n\bar{\Delta}^0)$	21903	21578	1	28597
21905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+n\bar{\Sigma}_c^-)$	21904	21579	1	28598
21906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+K^-K^{*+}\eta'\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+K^-K^{*+}\eta'D^{*+}\bar{D}^0)$	21905	21580	1	28599
21907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega K^*\bar{K}^*K^+D^+D^-)$	21906	21581	1	28600
21908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^+\omega\bar{D}^{*-}D^{*0})$	21907	21582	1	28601
21909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^0)$	21908	21583	1	28602
21910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, B^0 \to \pi^0\pi^-\eta\bar{D}^0\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^0\bar{n}p)$	21909	21584	1	28603
21911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^-\bar{n}\Xi_c'^+$ $(e^+e^- \to \pi^+\pi^-D^-n\bar{n}\bar{n}\Xi_c'^+)$	21910	21585	1	28604
21912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0\pi^-\omega K^+K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^+K^-D^+D^-)$	21911	21586	1	28605
21913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-K^{*+}D^+D^-D^{*0})$	21912	21587	1	28606

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta\omega D^- D^{*+})$	21913	21588	1	28607
21915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}\eta_c, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega K^{*+} D^{*+}\eta_c)$	21914	21589	1	28608
21916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to K^{*-} D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\eta K^{*-} D^+\bar{D}^0\bar{D}^{*0})$	21915	21590	1	28609
21917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0\pi^0\rho^+ D^{*0} n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\omega\bar{K}^* K^+ D^- D^{*0} n\bar{p})$	21916	21591	1	28610
21918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-})$	21917	21592	1	28611
21919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}\gamma$ $(e^+e^- \to K^* D^+ D^{*+}\bar{D}^{*-} D_s^{*-}\gamma)$	21918	21593	1	28612
21920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^{*+} D_0^{*-})$	21919	21594	1	28613
21921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta' D^-, \bar{B}^0 \to \pi^0\pi^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta' D^- D^{*0})$	21920	21595	1	28614
21922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-})$	21921	21596	1	28615
21923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \rho^+\rho^-\bar{K}^0 D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\rho^+\rho^-\bar{K}^0 D^{*0})$	21922	21597	1	28616
21924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta K^-\bar{D}^{*-}\bar{D}^{*0})$	21923	21598	1	28617
21925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^+\eta D^-, B^0 \to \pi^0 K^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta K^0 D^+ D^-\bar{D}^{*-})$	21924	21599	1	28618
21926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\eta D^- D^{*+})$	21925	21600	1	28619
21927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^- D^+ D^-)$	21926	21601	1	28620
21928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^- D^{*+}\bar{D}^{*0})$	21927	21602	1	28621
21929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D^-\gamma, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta D^-\bar{D}^{*-}\gamma)$	21928	21603	1	28622
21930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\eta D^- D^{*0})$	21929	21604	1	28623

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_1^-)$	21930	21605	1	28624
21932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi n\bar{\Lambda}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}J/\psi n\bar{\Lambda})$	21931	21606	1	28625
21933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta' D^+ n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\eta' D^+\bar{D}^{*-}n\bar{p})$	21932	21607	1	28626
21934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-\omega D^+D^+)$	21933	21608	1	28627
21935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega K^+D^-D_1'^+)$	21934	21609	1	28628
21936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}D_s^+)$	2439	2433	1	28629
21937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+a_1^0, \bar{B}^0 \to K_SJ/\psi$ $(e^+e^- \to \pi^-K_SK^+J/\psi a_1^0)$	21936	21611	1	28630
21938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^+K^0\bar{K}^*K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^0\bar{K}^*K^-D^+)$	21937	21612	1	28631
21939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0})$	2440	2434	1	28632
21940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^+K^{*-}D^{*+}\bar{D}^0)$	21939	21614	1	28633
21941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^*\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	21940	21615	1	28634
21942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-)$	21941	17189	1	28635
21943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	21942	21616	1	28636
21944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^{*+}D^{*+}\bar{p}\Sigma^-$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^{*+}D^{*+}\bar{D}^{*-}\bar{p}\Sigma^-)$	21943	21617	1	28637
21945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta' D^-, B^0 \to \pi^+\rho^-K^{*+}n\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\pi^+\rho^-K^{*+}\eta' D^-n\bar{\Lambda}_c^-)$	21944	21618	1	28638
21946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta D^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^+\bar{D}^0D_s^{*+}\bar{\Sigma}^+\Sigma^-)$	21945	21619	1	28639
21947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^+D^-)$	21946	21620	1	28640

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\bar{K}^0K^-\bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to \pi^+\bar{K}^0K^-D^{*+}\bar{D}^{*-}D_s^{*+}a_1^-)$	21947	21621	1	28641
21949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \bar{D}^0\bar{n}\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\bar{D}^0\bar{n}\Delta^0)$	21948	21622	1	28642
21950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-\bar{\Delta}^0\Sigma_c^0)$	21949	21623	1	28643
21951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^+)$	21950	21624	1	28644
21952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^{*-}J/\psi$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0K^+K^{*-}\bar{D}^{*-}J/\psi)$	21951	21625	1	28645
21953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^-\omega\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^-\bar{\Delta}^0\Lambda_c^+)$	21952	21626	1	28646
21954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^+D^-D^0D^{*0}D_s^{*-})$	21953	21627	1	28647
21955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\psi')$	21954	21628	1	28648
21956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0})$	21955	21629	1	28649
21957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^*K^+K^-K^{*+}D^-D^{*+})$	21956	21630	1	28650
21958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega K^{*+}K^{*-}D^-D^{*+})$	21957	21631	1	28651
21959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \pi^0\rho^0\pi^+K^{*+}K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^0D_s^+)$	21958	21632	1	28652
21960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0D^-\psi')$	21959	21633	1	28653
21961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}\bar{D}^{*-}D^{*0}D_s^+)$	21960	21634	1	28654
21962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \rho^0\pi^-\rho^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^-\rho^+D^-\bar{D}^{*0}a_1^+)$	21961	21635	1	28655
21963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta D^{*+}n\bar{\Sigma}_c^{*0})$	21962	21636	1	28656
21964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^*D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	21963	21637	1	28657

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^{*+} D^{*+} J/\psi)$	21964	21638	1	28658
21966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0 D_1^+)$	21965	21639	1	28659
21967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^-\bar{K}^0 K^{*+} D^- D^{*+} D_s^{*-})$	21966	21640	1	28660
21968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^* K^{*-} D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^* K^{*-} D^- D_s^{*+} D_s^{*+})$	21967	21641	1	28661
21969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega\eta' D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\omega\eta' D^- D^0)$	21968	21642	1	28662
21970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^{*+} D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0 K^{*+} D^+ D_s^{*-})$	21969	21643	1	28663
21971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \bar{D}^{*-}\Sigma^{*0}\bar{\Xi}^+$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}^+ D_1'^-)$	21970	21644	1	28664
21972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	21971	21645	1	28665
21973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\omega K^0\bar{K}^0 K^* K^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega\omega K^0\bar{K}^0 K^* K^- D^- D^0)$	21972	21646	1	28666
21974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+ K^* K^- \bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^+\pi^- K^* K^- \bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	21973	21647	1	28667
21975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-})$	21974	21648	1	28668
21976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Sigma_c^{*+})$	21975	21649	1	28669
21977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\rho^- K^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^-\rho^- K^+ D^+\bar{D}^0)$	21976	21650	1	28670
21978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^* D_s^+ D_s^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^* D^- D_s^+ D_s^{*-})$	21977	21651	1	28671
21979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-})$	21978	21652	1	28672
21980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^- D^{*+} n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^- D^{*+}\bar{D}^{*-} n\bar{p})$	21979	21653	1	28673
21981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^- D^{*+} D^{*+} D_s^{*-})$	21980	21654	1	28674

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+})$	21981	21655	1	28675
21983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^0K^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^0K^{*-}\bar{D}^{*-}D^{*0})$	21982	21656	1	28676
21984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^*J/\psi$ $(e^+e^- \to \mu^+\nu_\mu K^*J/\psi D_1^-)$	21983	21657	1	28677
21985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	21984	21658	1	28678
21986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-K^0K^-D^+D^{*+})$	21985	21659	1	28679
21987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to \omega K^0D^+\bar{D}^{*-}$ $(e^+e^- \to \omega K^0K^*D^+D^-D^{*+}\bar{D}^{*-})$	21986	21660	1	28680
21988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{D}^{*-}J/\psi)$	21987	21661	1	28681
21989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^-D^{*+}\bar{n}p)$	21988	21662	1	28682
21990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+D^-\bar{D}^{*-}\Sigma^0\bar{\Sigma}^{*0})$	21989	21663	1	28683
21991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^*K^+K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-})$	21990	21664	1	28684
21992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D^0\bar{D}^{*0}D_{s1}'^+)$	21991	21665	1	28685
21993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^*D^+D^-D^-)$	21992	21666	1	28686
21994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^+D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega D^{*+}D^{*+}\Delta^-\bar{p})$	21993	21667	1	28687
21995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-})$	2441	2435	1	28688
21996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^{*0}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*0}\gamma)$	21995	21669	1	28689
21997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*K^{*+}\phi D_s^{*-}, \bar{B}^0 \to \rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \rho^-K^*K^+K^{*+}K^{*-}\phi D^{*+}D_s^{*-})$	21996	21670	1	28690
21998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}\bar{n}p)$	21997	21671	1	28691

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
21999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+})$	21998	21672	1	28692
22000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^- D^+ n\bar{\Delta}^0$ $(e^+e^- \to \pi^- K^+ D^+\bar{D}^{*-}D^{*0}n\bar{\Delta}^0)$	21999	21673	1	28693
22001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	22000	21674	1	28694
22002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\rho^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^0 K^- D^+\bar{D}^{*0}D_s^+)$	22001	21675	1	28695
22003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^- D^+ D_1'^-)$	22002	21676	1	28696
22004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \bar{K}^0 D^- D^- D^{*+} D_s^{*+})$	22003	21677	1	28697
22005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\phi\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^* K^-\phi D^{*+}\bar{D}^{*-}D_s^{*+})$	22004	21678	1	28698
22006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\omega\bar{K}^0\eta_c$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\omega\bar{K}^0 D^{*+}\eta_c)$	22005	21679	1	28699
22007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \eta K^0 D^0\bar{D}^0$ $(e^+e^- \to \eta K^0\bar{D}^{*-}D^0\bar{D}^0 a_1^+)$	22006	21680	1	28700
22008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+ K^+ K^-\eta'\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+ K^+ K^-\eta' D^{*+}\bar{D}^{*0})$	22007	21681	1	28701
22009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^- D^+\bar{D}^{*-})$	22008	21682	1	28702
22010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega K^0\bar{K}^0 K^* K^- D^- D^{*+})$	22009	21683	1	28703
22011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}\bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^0\eta\bar{K}^*$ $(e^+e^- \to \rho^0\pi^-\eta\bar{K}^* K^{*+}\bar{D}^0 D^{*0})$	22010	21684	1	28704
22012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_1'^+)$	22011	21685	1	28705
22013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\eta\omega D^+ D^-)$	22012	21686	1	28706
22014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-, \bar{B}^0 \to D^+ D_s^-\gamma$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta D^+ D^- D_s^-\gamma)$	22013	21687	1	28707
22015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	22014	21688	1	28708

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^-\omega\bar{K}^* D_s^+$ $(e^+e^- \to \rho^-\rho^-\omega\bar{K}^*\bar{D}^0 D_s^+ D_s^{*+})$	22015	21689	1	28709
22017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta K^0 K^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0 K^- D^{*+}\bar{D}^{*0})$	22016	21690	1	28710
22018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to K_L D^- D_s^{*+}\eta_c)$	22017	21691	1	28711
22019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to \rho^0\rho^0\eta D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta D^0\Delta^0\bar{\Xi}_c^{*-})$	22018	21692	1	28712
22020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0\bar{D}^{*-} D^0 D_s^{*+})$	22019	21693	1	28713
22021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Sigma^0\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\Sigma^0\bar{\Xi}_c^{\prime 0})$	22020	21694	1	28714
22022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta K^0 D^- D^{*+} D^{*+})$	22021	21695	1	28715
22023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	22022	21696	1	28716
22024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^+\omega D^- D^{*+} a_1^-)$	22023	21697	1	28717
22025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^0\bar{K}^* D^+ D^- n\bar{\Sigma}_c^0)$	22024	21698	1	28718
22026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau D_1^-\gamma$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-} D_1^-\gamma)$	22025	21699	1	28719
22027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- D^-, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^- K^- D^+ D^-\bar{D}^{*0})$	22026	21700	1	28720
22028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{p}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^- D^{*+}\bar{p}\Delta^{++})$	22027	21701	1	28721
22029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\rho^0\rho^- K^+ K^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^- K^+ K^- D^+\bar{D}^{*-} D_s^{*+}\gamma)$	22028	21702	1	28722
22030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+ K^{*-} J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+ K^{*-}\bar{D}^{*0} J/\psi)$	22029	21703	1	28723
22031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 n\bar{\Omega}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D^{*+} n\bar{\Omega}_c^0)$	22030	21704	1	28724
22032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- D^-\bar{n}p, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^- D^{*+}\bar{n}p)$	22031	21705	1	28725

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\bar{D}^{*-})$	22032	21706	1	28726
22034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-D^-D_1'^+)$	22033	21707	1	28727
22035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*+}\Lambda, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\bar{D}^0\bar{\Sigma}^{*+}\Lambda)$	22034	21708	1	28728
22036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\eta_c)$	22035	21709	1	28729
22037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^-)$	22036	21710	1	28730
22038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\omega\bar{K}^0D^+\bar{D}^{*-})$	22037	21711	1	28731
22039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^*K^{*+}D^-D^{*+})$	22038	21712	1	28732
22040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0K^+K^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0K^+K^-D^+\bar{D}^{*-}D_s^+n\bar{p})$	22039	21713	1	28733
22041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-K^*D^+D^{*+}\bar{D}^{*-})$	22040	21714	1	28734
22042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\omega, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\eta\omega D^{*+})$	22041	21715	1	28735
22043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	22042	21716	1	28736
22044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \rho^0\pi^+\pi^-\eta\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^+)$	22043	21717	1	28737
22045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^-\bar{n}\Lambda_c^+\chi_{c1})$	22044	21718	1	28738
22046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0K^*D^{*+}D_0^{*-})$	22045	21719	1	28739
22047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \eta D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\eta D^+D^-D_s^{*+}n\bar{p})$	22046	21720	1	28740
22048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\bar{K}^0D^-D^-D^{*+})$	22047	21721	1	28741
22049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^-D^+\bar{D}^{*0}n\bar{\Sigma}_c^{*0})$	22048	21722	1	28742

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^-K^+\bar{D}^{*-}\bar{D}^0D^{*0}D_s^{*+})$	22049	21723	1	28743
22051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	22050	21724	1	28744
22052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\eta D^-n\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\eta D^-D^{*+}n\bar{p})$	22051	21725	1	28745
22053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}\bar{D}^0)$	22052	21726	1	28746
22054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \rho^0\bar{D}^{*-}\bar{D}^{*-}D_s^+\bar{n}p)$	22053	21727	1	28747
22055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \eta\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\bar{K}^0K^+D^-\bar{\Delta}^+\Sigma_c^{*+})$	22054	21728	1	28748
22056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^-D^{*+})$	22055	21729	1	28749
22057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^0\pi^+\pi^+K^0K^-\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0K^-\eta'D^-\bar{D}^{*-}a_1^+)$	22056	21730	1	28750
22058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Xi}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^0p\bar{\Xi}_c^-)$	22057	21731	1	28751
22059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\omega\omega D^+D^-)$	22058	21732	1	28752
22060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^*K^-D^{*+}\bar{D}^{*-})$	22059	21733	1	28753
22061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	22060	21734	1	28754
22062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^-D_s^{*+}D_s^{*+})$	22061	21735	1	28755
22063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-K^0\bar{K}^0\bar{K}^0K^*D^-D^{*+})$	22062	21736	1	28756
22064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	22063	21737	1	28757
22065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to K^*\bar{K}^*D^-D^{*+}D^0\bar{D}^{*0})$	22064	21738	1	28758
22066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0K^+\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-}D_s^+)$	22065	21739	1	28759

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^0\pi^0\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^+K^+D^-D^-D^{*0})$	22066	21740	1	28760
22068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-K^*K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-K^*K^-D^+\bar{D}^{*-})$	22067	21741	1	28761
22069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	486	486	1	28762
22070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-})$	22069	21743	1	28763
22071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^+D^-)$	22070	21744	1	28764
22072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\omega D^-, B^0 \to \pi^+D^-n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\eta\omega D^-D^-n\bar{n})$	22071	21745	1	28765
22073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+K^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+K^0K^-D^+\bar{D}^{*0})$	22072	21746	1	28766
22074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^*K^+K^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*K^+K^{*-}D^-)$	22073	21747	1	28767
22075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^+D^-, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^*K^-D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^-K^0\bar{K}^*K^-D^+D^-D_s^+)$	22074	21748	1	28768
22076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-})$	22075	21749	1	28769
22077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\eta\bar{D}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^0)$	22076	21750	1	28770
22078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^-\eta\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta\eta D^+D^{*+})$	22077	21751	1	28771
22079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+K^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	22078	21752	1	28772
22080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*-})$	22079	21753	1	28773
22081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	22080	21754	1	28774
22082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	2443	2437	1	28775
22083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}D^0D_s^{*-})$	2444	2438	1	28776

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^-\omega D^+ n\bar{n}$ $(e^+e^- \to \pi^-\omega K^0 D^+ \eta_c n\bar{n})$	22083	21757	1	28777
22085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\eta D^+ D^-)$	22084	21758	1	28778
22086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^-D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\eta' D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^*K^-\eta' D^+ D^{*+})$	487	487	1	28779
22087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0})$	22086	21760	1	28780
22088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \pi^-\eta' D^+ D^- D_s^+)$	22087	21761	1	28781
22089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi(3770)$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0 D^-\psi(3770))$	22088	21762	1	28782
22090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+\bar{D}^{*-}D_s^{*+})$	22089	21763	1	28783
22091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^0\rho^-D^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta D^{*+}D^{*+})$	22090	21764	1	28784
22092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0\bar{D}^{*-}a_1^+)$	22091	21765	1	28785
22093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\eta\omega D^-\bar{p}\Lambda_c^+)$	22092	21766	1	28786
22094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^-\eta\omega\eta' D^+$ $(e^+e^- \to \pi^-\eta\omega\bar{K}^*K^{*+}\eta' D^+ D^-)$	22093	21767	1	28787
22095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	22094	21768	1	28788
22096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \mu^+\nu_\mu D_0^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K_S\eta_c D_0^{*-})$	22095	15779	1	28789
22097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^{*-}\bar{D}^{*-}D^{*0})$	22096	21769	1	28790
22098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\omega D^0 D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\omega D^0 D_s^{*-}D_1^-)$	22097	21770	1	28791
22099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^-K^+D^0\bar{D}^0$ $(e^+e^- \to \pi^-K^+K^+\bar{D}^{*-}D^0D^0\bar{D}^0)$	22098	21771	1	28792
22100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta\bar{K}^0D^-D^0\bar{D}^{*0})$	22099	21772	1	28793

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-D^+\bar{D}^{*0})$	22100	21773	1	28794
22102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\bar{D}^{*-}D_1'^+)$	22101	21774	1	28795
22103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\omega\omega D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\omega D^-\bar{D}^{*-})$	22102	21775	1	28796
22104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\rho^0\pi^+K^0K^0\bar{K}^0K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^0\bar{K}^0K^-D^{*0}\bar{D}^{*0}\bar{p}\Delta^+)$	22103	21776	1	28797
22105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-})$	22104	21777	1	28798
22106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^{*+}D_s^{*-})$	22105	21778	1	28799
22107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*-}a_1^+)$	22106	21779	1	28800
22108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*+}D^-\bar{D}^{*-}D^0)$	22107	21780	1	28801
22109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^-D^{*+})$	22108	21781	1	28802
22110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^*D^+\bar{D}^{*-})$	22109	21782	1	28803
22111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}\bar{D}^{*-}D_s^+)$	22110	21783	1	28804
22112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}D^{*+})$	22111	21784	1	28805
22113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \omega K^-D^+D^+\bar{D}^{*-}\bar{D}^0)$	22112	21785	1	28806
22114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta'D^{*+}\bar{D}^{*-})$	22113	21786	1	28807
22115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\eta K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^-D^+D^-\bar{D}^{*-})$	22114	21787	1	28808
22116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^0a_1^+)$	22115	21788	1	28809
22117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta K^+K^-D^-, \bar{B}^0 \to \pi^+\rho^-K^*K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-\eta K^*K^+K^-K^{*-}D^+D^-)$	22116	21789	1	28810

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- K^0 K^{*-} D^+ D^{*+} n\bar{n})$	22117	21790	1	28811
22119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \pi^+ K^+ K^- D^{*0} D_s^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ K^+ K^- D_2^{*+} D^{*0} D_s^{*-})$	22118	21791	1	28812
22120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \phi D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\phi D^+ D^- D_s^{*-})$	22119	21792	1	28813
22121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0 D^+ D^- \bar{D}^{*-})$	22120	21793	1	28814
22122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^0\pi^+ D^-, B^0 \to \rho^0\pi^+\pi^-\rho^+ K^+ K^- D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+ K^+ K^- D^- D^-)$	22121	21794	1	28815
22123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\phi\eta_c, \bar{B}^0 \to \pi^+ K^{*-} J/\psi$ $(e^+e^- \to \pi^+ K^* K^{*-}\phi\eta_c J/\psi)$	22122	21795	1	28816
22124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^+ D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^- K^*\eta' D^{*+} D_s^+ D_s^{*-})$	22123	21796	1	28817
22125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \rho^0\rho^- K^+ K^- D^{*+}$ $(e^+e^- \to \rho^0\rho^- K^+ K^+ K^- D^{*+}\bar{D}^{*-} D^{*0})$	22124	21797	1	28818
22126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 K^+ D^0 D_s^-, B^0 \to \pi^0\pi^0\pi^0\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+ K^0 K^+ D^- D^0 D_s^-)$	22125	21798	1	28819
22127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^0 K^{*-} D^{*+}\bar{D}^{*-})$	22126	21799	1	28820
22128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+ p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu D^+ D^- p\bar{\Delta}^{++})$	2446	2440	1	28821
22129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega\omega D^+\bar{D}^{*-})$	22128	21801	1	28822
22130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+ K^-\bar{D}^0, \bar{B}^0 \to \omega K^0\bar{K}^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^0\bar{K}^0 K^- K^- D^+\bar{D}^0)$	22129	21802	1	28823
22131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \rho^+\eta\bar{D}^{*-} D^{*0}\Lambda\bar{\Sigma}^{*0})$	22130	21803	1	28824
22132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \eta\bar{K}^* K^+ K^-$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^* K^+ K^- D_2^{*-})$	22131	21804	1	28825
22133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^{*0} D^{*0})$	22132	21805	1	28826
22134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+ K^0\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0\bar{K}^0 D^+ D^0)$	2447	2441	1	28827

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{n}\Delta^{++})$	22134	21807	1	28828
22136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+, \bar{B}^0 \to \pi^-\rho^+\eta D^+D^-$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\eta D^+D^+D^-)$	22135	21808	1	28829
22137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-K^0D_s^{*-})$	22136	21809	1	28830
22138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+D^-)$	22137	21810	1	28831
22139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-D^-\bar{n}\Delta^{++}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^-D^-D^{*+}\bar{n}\Delta^{++}D_{s1}'^-)$	22138	21811	1	28832
22140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0\psi(3770), \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{K}^0D^0\psi(3770))$	22139	21812	1	28833
22141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	2448	2442	1	28834
22142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+\chi_{c1}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+\bar{D}^{*-}\chi_{c1})$	22141	21814	1	28835
22143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta D^-, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^0\pi^+\eta\omega D^-D^-)$	22142	21815	1	28836
22144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^-D^-\bar{\Delta}^-n$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}\bar{\Delta}^-n)$	22143	21816	1	28837
22145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\eta' D^-D^{*+})$	22144	21817	1	28838
22146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{*--})$	22145	21818	1	28839
22147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+D^-)$	22146	21819	1	28840
22148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-D_1^-)$	22147	21820	1	28841
22149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	22148	21821	1	28842
22150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\omega\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\omega\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	22149	21822	1	28843
22151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^{*0})$	22150	21823	1	28844

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^-D^+\bar{\Delta}^-\Sigma^{*-}$ $(e^+e^- \to \pi^-D^+D^-\bar{\Delta}^-\Sigma^{*-}a_1^+)$	22151	21824	1	28845
22153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D^0)$	22152	21825	1	28846
22154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, B^0 \to \pi^0\pi^0\pi^-\rho^+\eta\eta\omega\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^+\eta\eta\omega\bar{D}^0D_0^{*-})$	22153	21826	1	28847
22155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-K^*\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^*K^{*-}D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	22154	21827	1	28848
22156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\omega\bar{K}^*D^+\bar{D}^0D^{*0}n\bar{p})$	22155	21828	1	28849
22157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\omega K^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega K^0K^{*-}D^-D^{*+})$	22156	21829	1	28850
22158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^-a_1^-)$	22157	21830	1	28851
22159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^+D^-a_1^-)$	22158	21831	1	28852
22160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*K^-D^+D^{*+})$	22159	13259	1	28853
22161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}n\bar{n})$	22160	21832	1	28854
22162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\omega K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega K^-\Delta^0\bar{\Sigma}_c^{*-})$	22161	21833	1	28855
22163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}D^-D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^-K^{*+}D^-D^{*+}D^0\bar{D}^{*0})$	22162	21834	1	28856
22164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\bar{K}^0K^+K^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\bar{K}^0K^+K^-\bar{D}^{*-})$	22163	21835	1	28857
22165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_0^{*+})$	22164	21836	1	28858
22166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\eta\omega\bar{K}^0K^+D^-D^{*0})$	22165	21837	1	28859
22167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \mu^+\nu_\mu D_0^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^+D_0^{*-})$	22166	21838	1	28860
22168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \rho^0\pi^+\omega K^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\omega K^-D^{*0}D_s^{*+}D_1^-)$	22167	21839	1	28861

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{D}^{*-}\bar{n}\Sigma_c^0)$	22168	21840	1	28862
22170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta D^-D^{*+})$	22169	5317	1	28863
22171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	22170	21841	1	28864
22172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\bar{D}^{*-}D^{*0})$	22171	21842	1	28865
22173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0})$	2449	2443	1	28866
22174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \rho^0\bar{K}^*K^+D^-\bar{K}_1^0\psi(3770))$	22173	21844	1	28867
22175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0\bar{K}^0K^{*+}D^+D^-\bar{D}^{*-})$	22174	21845	1	28868
22176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1'^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-K^-K^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^-K^{*+}\bar{D}^0D_s^+D_1'^-)$	22175	21846	1	28869
22177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	22176	21847	1	28870
22178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+K^0K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\rho^+K^0K^{*-}D^-D^{*+})$	22177	21848	1	28871
22179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\omega\bar{K}^0K^*K^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\omega\bar{K}^0K^*K^-\bar{D}^{*-})$	22178	21849	1	28872
22180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta\omega\bar{D}^{*-}\bar{D}^0D_s^+)$	22179	21850	1	28873
22181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^0n\bar{p}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-D^{*+}\bar{D}^0D_s^-n\bar{p})$	22180	21851	1	28874
22182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{D}^{*-}D^{*0})$	22181	21852	1	28875
22183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^0\bar{K}^0K^+K^-D^+D^-)$	22182	21853	1	28876
22184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+\rho^-K^*D^{*+}\bar{D}^{*-})$	22183	21854	1	28877
22185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\omega K^0\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-})$	22184	21855	1	28878

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^- \rho^+ K^* K^+ K^- K^- D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+ K^* K^+ K^- K^- K^{*+} D^+ D^{*+} \bar{D}^{*-})$	22185	21856	1	28879
22187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^- K^- K^{*+} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^- K^- K^{*+} D^{*+} \bar{D}^{*-})$	22186	21857	1	28880
22188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{K}^* D^+ D^+ D^-)$	22187	21858	1	28881
22189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^- \bar{K}^0 D^+ \bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau \pi^- \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*0})$	22188	21859	1	28882
22190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-})$	22189	21860	1	28883
22191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \eta\eta\omega K^0 K^- D^+$ $(e^+e^- \to \eta\eta\omega K^0 K^- D^+ \bar{D}^{*-} a_1^+)$	22190	21861	1	28884
22192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta \bar{D}^{*0}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+} \bar{D}^{*0} D_s^{*-})$	22191	21862	1	28885
22193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+ \bar{D}^{*-})$	22192	21863	1	28886
22194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau \rho^0\rho^-\eta D^+ D^-)$	22193	21864	1	28887
22195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^- \bar{K}^0 D_s^{*+} \bar{p}\Sigma^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ \bar{K}^0 \bar{D}^{*-} D_s^{*+} \bar{p}\Sigma^{*+})$	22194	21865	1	28888
22196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \bar{K}^* D^- p\bar{\Lambda}, \bar{B}^0 \to \rho^+ K^0 \bar{K}^0 K^- K^- D_s^+$ $(e^+e^- \to \pi^0\rho^+ K^0 \bar{K}^0 \bar{K}^* K^- K^- D^- D_s^+ p\bar{\Lambda})$	22195	21866	1	28889
22197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+, \bar{B}^0 \to K^- \bar{\Lambda}\Xi_c'^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ K^- \bar{\Lambda}\Xi_c'^+)$	22196	21867	1	28890
22198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \bar{K}^* D^+ D^- D^- \bar{\Sigma}^0\Sigma^+)$	22197	21868	1	28891
22199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^{*+} \bar{D}^{*-})$	22198	21869	1	28892
22200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ \bar{D}^{*-}, B^0 \to \pi^+\pi^+\eta D^- \Sigma^- \bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\eta D^- \bar{D}^{*-} \Sigma^- \bar{\Sigma}^0)$	22199	21870	1	28893
22201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- \bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+ D_2^{*-} \bar{D}^{*0})$	2450	2444	1	28894
22202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta K^0 K^- D^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta K^0 K^0 K^- K^- D^+ D^-)$	22201	21871	1	28895

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	22202	21872	1	28896
22204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\rho^-D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\rho^-D^+D^-\Delta^0\bar{\Delta}^+a_1^+)$	22203	21873	1	28897
22205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega D^{*+}J/\psi)$	22204	21874	1	28898
22206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0D^+D^-D_s^-)$	22205	21875	1	28899
22207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1^-, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{D}^{*-}D_1^-)$	22206	21876	1	28900
22208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-})$	22207	21877	1	28901
22209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	22208	21878	1	28902
22210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}p\bar{p})$	22209	21879	1	28903
22211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\bar{K}^*D^+D^-\bar{D}^{*-})$	22210	21880	1	28904
22212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^{*+}D_2^{*-})$	22211	21881	1	28905
22213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^-D^{*+}D_s^{*+}\gamma)$	22212	21882	1	28906
22214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^{*+}K^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^{*+}K^{*+}\bar{D}^{*-}D_s^{*-})$	22213	21883	1	28907
22215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^-D^{*+}, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \eta\omega K^0D^+D^-D^{*+}D_s^-)$	22214	21884	1	28908
22216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{\Sigma}^{*0}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^0\bar{D}^0D_s^-n\bar{\Sigma}^{*0})$	22215	21885	1	28909
22217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^+K^0D^-$ $(e^+e^- \to \pi^+K^0D^-D^-D_s^{*+})$	22216	21886	1	28910
22218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-D^{*+}D_2^{*-})$	111	111	1	28911
22219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^0K^{*-}D^+D^+)$	22218	21888	1	28912

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0K^*D^{*+}\bar{D}^0)$	22219	21889	1	28913
22221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D_s^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\omega K^0K^+K^-D^{*+}D_s^{*-})$	22220	21890	1	28914
22222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^+\rho^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\omega D^+)$	22221	21891	1	28915
22223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to D_2^{*-}D_s^+$ $(e^+e^- \to \bar{D}^{*-}D_2^{*-}D_s^+D_s^{*+})$	22222	21892	1	28916
22224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^0\bar{K}^0K^+K^-D^+\bar{D}^{*-})$	22223	21893	1	28917
22225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\eta K^0K^-K^{*+}D^+D^-D^{*0})$	22224	21894	1	28918
22226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^-D^0\bar{D}^{*0})$	22225	21895	1	28919
22227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0D^+\bar{D}^{*-}\bar{n}\Lambda)$	22226	21896	1	28920
22228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta'D^{*+}\bar{D}^{*-})$	22227	21897	1	28921
22229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\bar{D}^{*-})$	22228	21898	1	28922
22230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to e^+\nu_eD^-D^{*+}\Delta^-\bar{n})$	22229	21899	1	28923
22231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to e^+\nu_e\pi^-D^{*+}\bar{D}^0D_s^-)$	22230	21900	1	28924
22232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\rho^+K^*K^{*-}D^+$ $(e^+e^- \to \pi^-\rho^+K^*K^{*-}D^+\bar{D}^{*-}D_{s1}'^+)$	22231	21901	1	28925
22233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^+, B^0 \to K^0\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^0\bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^+)$	22232	21902	1	28926
22234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \phi\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\phi D^-\bar{\Delta}^0\Xi_c^{*0})$	22233	21903	1	28927
22235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \rho^0\eta\bar{K}^0\phi$ $(e^+e^- \to \rho^0\pi^+\eta\eta\omega\bar{K}^0\phi D^-)$	22234	21904	1	28928
22236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \eta'D^{*0}$ $(e^+e^- \to \rho^-\eta'D^{*0}p\bar{\Sigma}_c^0)$	22235	21905	1	28929

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^+D^-, B^0 \to \pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^-K^+D^-\bar{D}^0D_s^+)$	22236	21906	1	28930
22238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^0\bar{K}^0D^-D^{*+}D^{*+})$	22237	21907	1	28931
22239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-D^+\bar{D}^0)$	22238	21908	1	28932
22240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^{*0}\bar{\Xi}^0, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \bar{K}^*D^0\bar{D}^0\bar{D}^0\Sigma^{*0}\bar{\Xi}^0)$	22239	21909	1	28933
22241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}n\bar{\Delta}^0)$	22240	21910	1	28934
22242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-K^*D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	489	489	1	28935
22243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\eta'D^{*+}\bar{D}^{*0}D_s^{*+})$	22242	21912	1	28936
22244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0K^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	22243	21913	1	28937
22245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^+\rho^-\omega\bar{K}^0$ $(e^+e^- \to \rho^0\rho^+\rho^+\rho^-\omega K^0\bar{K}^0\bar{K}^0D^-)$	22244	21914	1	28938
22246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*D^+D_s^-)$	22245	21915	1	28939
22247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	22246	21916	1	28940
22248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\eta, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+)$	22247	21917	1	28941
22249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}D^0)$	22248	21918	1	28942
22250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}D_s^{*+}D_s^{*-})$	22249	21919	1	28943
22251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\psi')$	22250	21920	1	28944
22252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	22251	21921	1	28945
22253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega\omega\bar{K}^0p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\omega\bar{K}^0\bar{D}^{*0}D_s^{*+}p\bar{p})$	22252	21922	1	28946

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^* D^{*+} D^{*0}\bar{D}^{*0})$	22253	21923	1	28947
22255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^+\eta' D^- D^{*+})$	22254	21924	1	28948
22256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\omega K^+ D^-, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^+ D^- D^-)$	22255	21925	1	28949
22257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to K^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to K^- D^+ D_s^-\bar{\Delta}^0\Lambda_c^+)$	22256	21926	1	28950
22258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^- K^{*+} D^-, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^+\omega K^- K^{*+} K^{*-} D^- D^{*+}\bar{D}^0)$	22257	21927	1	28951
22259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+ D^+ n\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+ K^+ D^+\bar{D}^{*-} D^{*0} n\bar{\Delta}^+)$	22258	21928	1	28952
22260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^- K^{*+}\bar{D}^{*-} D^0 D^{*0})$	22259	21929	1	28953
22261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to K^+ D^+\bar{D}^{*-} D^{*0} n\bar{p})$	22260	21930	1	28954
22262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+ D^- D^0)$	22261	21931	1	28955
22263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^- D^{*+} D_0^{*+})$	22262	21932	1	28956
22264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\omega D^+\bar{D}^{*-})$	22263	21933	1	28957
22265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^{*0}\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0 K^0\bar{\Delta}^0\Sigma^{*0}\Sigma_c^{*0}\bar{\Sigma}_c^{*0})$	22264	21934	1	28958
22266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^- n, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}\bar{\Delta}^- n)$	22265	21935	1	28959
22267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to K^+ D^+\bar{D}^{*-} D^0 D_s^{*-})$	22266	21936	1	28960
22268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+ D^0 p\bar{p}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\rho^+ D^{*+} D^0 p\bar{p})$	22267	21937	1	28961
22269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-} D_s^{*-})$	22268	21938	1	28962
22270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta' D^{*+}\bar{D}^{*-} D_s^{*-})$	22269	21939	1	28963

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^-D^{*+})$	22270	21940	1	28964
22272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to \rho^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega\bar{K}^0K^*D^{*+}\bar{D}^0)$	22271	21941	1	28965
22273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^+\bar{D}^{*-})$	22272	21942	1	28966
22274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to \omega K^0K^-D^+\bar{D}^0D_s^-D_s^{*+})$	22273	21943	1	28967
22275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-D_2^{*+})$	22274	21944	1	28968
22276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+D^-D^-)$	22275	21945	1	28969
22277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^-D^{*+}\bar{p}\Delta^{++})$	22276	21946	1	28970
22278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	22277	21947	1	28971
22279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^+K^0K^-D^{*0}$ $(e^+e^- \to \rho^+\rho^+K^0K^-D^-D^{*0})$	22278	21948	1	28972
22280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta'D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\eta'D^+D^-)$	22279	21949	1	28973
22281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+K^{*+}K^{*-}D^-, B^0 \to \pi^-\eta\omega\bar{K}^0K^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\eta\omega\bar{K}^0K^+K^{*+}K^{*-}D^-\bar{D}^{*0})$	22280	21950	1	28974
22282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{n}pD_0^{*-})$	22281	21951	1	28975
22283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^0D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega K^0D^+D^{*+}\bar{D}^0)$	22282	21952	1	28976
22284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^+\rho^-\rho^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\rho^-D^-D^0)$	22283	21953	1	28977
22285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+J/\psi, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \rho^-\eta K^0K^+K^-D^+J/\psi)$	22284	21954	1	28978
22286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-K^+K^-D^+D^-D_{s1}'^+)$	22285	21955	1	28979
22287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^+D^+\bar{D}^{*-}D^0D_s^{*-})$	22286	21956	1	28980

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^+K^-D^+D^-D^{*+}D_s^{*-})$	22287	21957	1	28981
22289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, B^0 \to \rho^0\pi^+\pi^+\eta K^0K^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta K^0K^-D^-\bar{D}^0)$	22288	21958	1	28982
22290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^+D^+D^-a_1^-)$	22289	21959	1	28983
22291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega K^0K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\omega K^0K^0\bar{K}^0\bar{D}^{*-})$	22290	21960	1	28984
22292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to K^0D^-D^{*+}$ $(e^+e^- \to \rho^+K^0D^-D^{*+}\bar{D}^{*-})$	22291	21961	1	28985
22293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to e^+\nu_eK^+D^-D^-D^{*0})$	22292	21962	1	28986
22294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-, \bar{B}^0 \to \pi^0\rho^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0K^*\bar{K}^*K^-D^+D^+D^-)$	22293	21963	1	28987
22295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^-K^+\bar{D}^{*-}\bar{\Delta}^0\bar{\Sigma}^+\Sigma^0\Sigma_c^{*0})$	22294	21964	1	28988
22296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^-\omega\omega D^+\bar{D}^{*-}D_{s1}'^+)$	22295	21965	1	28989
22297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \mu^+\nu_\mu\pi^0D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-\Delta^0\bar{\Sigma}_c^{*0})$	22296	21966	1	28990
22298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^{*0}\bar{\Xi}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^0\bar{D}^0\Sigma^{*0}\bar{\Xi}^{*0})$	22297	21967	1	28991
22299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^-D^{*0}p\bar{\Xi}_c'^0)$	22298	21968	1	28992
22300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p, B^0 \to \pi^0\eta\bar{K}^0K^{*+}\phi\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^{*+}\phi\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	22299	21969	1	28993
22301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^-\pi^-K^{*+}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-K^0K^{*+}D^+D^-D^{*+}\bar{D}^{*0})$	22300	21970	1	28994
22302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^0\bar{D}^{*0})$	2453	2447	1	28995
22303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	22302	17117	1	28996
22304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^-\eta\eta'\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\eta'D^-\bar{n}\Lambda_c^+)$	22303	21972	1	28997

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^0\pi^0\rho^-\omega K^+\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\omega K^+\bar{D}^{*0}D_1'^-)$	22304	21973	1	28998
22306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*0}D_{s1}'^+)$	22305	21974	1	28999
22307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\eta\omega\bar{K}^0K^+D^-D^{*+})$	22306	21975	1	29000
22308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}\bar{\Sigma}^+\Sigma^0)$	22307	21976	1	29001
22309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0K^{*+}D^{*0}\Delta^+\bar{\Sigma}_c^{*--})$	22308	21977	1	29002
22310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^0\bar{n}p$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^{*+}D^0\bar{n}p)$	22309	21978	1	29003
22311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*-})$	22310	21979	1	29004
22312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^+\bar{K}^*D^+\bar{D}^{*-}D_2^{*-})$	22311	21980	1	29005
22313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0$ $(e^+e^- \to \eta\bar{D}^{*-}D_s^+\Delta^0\bar{\Sigma}_c^0)$	22312	21981	1	29006
22314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	22313	21982	1	29007
22315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	22314	21983	1	29008
22316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \eta D_s^-n\bar{\Sigma}_c^0D_1^+)$	22315	21984	1	29009
22317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^0, \bar{B}^0 \to \pi^+\eta K^-D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^-D^-D^{*+}D^0)$	22316	21985	1	29010
22318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\phi J/\psi, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^0\phi D^{*+}\bar{D}^{*-}J/\psi)$	22317	21986	1	29011
22319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	22318	21987	1	29012
22320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^0\bar{K}^0D^+D^-)$	22319	21988	1	29013
22321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\phi D^+\bar{D}^{*-}D_s^+)$	22320	21989	1	29014

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	22321	21990	1	29015
22323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+D^+\bar{D}^{*-})$	22322	21991	1	29016
22324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega D^+D^-D_s^{*+})$	22323	21992	1	29017
22325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \omega D^+D_s^{*-}$ $(e^+e^- \to \omega D^+D^-D_s^{*-}a_1^+)$	22324	21993	1	29018
22326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}, \bar{B}^0 \to \pi^-\eta K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta K^+K^{*-}D^+D^+n\bar{n})$	22325	21994	1	29019
22327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+\Delta^+\bar{\Xi}_c^{*0})$	22326	21995	1	29020
22328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0a_1^+)$	22327	21996	1	29021
22329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\rho^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+\bar{D}^0)$	22328	21997	1	29022
22330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\eta D^-D^{*+})$	22329	21998	1	29023
22331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}\bar{K}_1^0\psi(3770))$	22330	21999	1	29024
22332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-\gamma, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*D^+D^-D^{*+}\gamma)$	22331	22000	1	29025
22333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-K^0D^{*+}D_s^+D_s^{*-})$	22332	22001	1	29026
22334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*+}\Lambda$ $(e^+e^- \to \bar{D}^{*-}D_2^{*-}D_s^+\bar{\Sigma}^{*+}\Lambda)$	22333	22002	1	29027
22335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+D^-, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \pi^-\bar{K}^*K^+D^+D^-\bar{\Lambda}\Sigma_c^0)$	22334	22003	1	29028
22336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^-D^{*+}\bar{D}^{*-}D_s^{*+})$	22335	22004	1	29029
22337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	22336	22005	1	29030
22338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}^+)$	22337	22006	1	29031

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+n\bar{\Sigma}_c^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}n\bar{\Sigma}_c^{*-})$	22338	22007	1	29032
22340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0K^0K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0\bar{K}^0K^+K^-D^+D^-)$	22339	22008	1	29033
22341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\eta D^{*+}\bar{D}^{*-})$	22340	22009	1	29034
22342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\omega D^+D^-D_s^-)$	22341	22010	1	29035
22343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^*K^+K^-K^{*+}\bar{D}^{*-}D_0^{*+})$	22342	22011	1	29036
22344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\eta\omega K^*, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega\omega K^*D^{*+})$	22343	22012	1	29037
22345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	22344	22013	1	29038
22346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*-})$	22345	22014	1	29039
22347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta K^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta\eta K^0D^{*+})$	22346	22015	1	29040
22348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	22347	22016	1	29041
22349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	22348	22017	1	29042
22350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^-\bar{D}^{*0}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^-\Delta^-)$	22349	22018	1	29043
22351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta D^-\bar{n}p, \bar{B}^0 \to \pi^+\bar{K}^*n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^*D^-n\bar{n}p\bar{p})$	22350	22019	1	29044
22352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta'\eta'D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta'\eta'D^-D^0D_s^{*-})$	22351	22020	1	29045
22353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+K^{*-}D^+D^-\bar{D}^0)$	22352	22021	1	29046
22354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\psi', B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^{*0}\psi')$	22353	22022	1	29047
22355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*0}D_s^+D_1^-)$	22354	22023	1	29048

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-p\bar{p}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}p\bar{p}a_1^-\gamma)$	22355	22024	1	29049
22357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0K^{*+}\bar{D}^{*0}D_s^-)$	22356	22025	1	29050
22358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-\omega K^0\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega K^0\bar{D}^{*-}\bar{D}^{*0})$	22357	22026	1	29051
22359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_0^{*-}D_{s1}'^+\gamma)$	22358	22027	1	29052
22360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-}\bar{p}\Sigma_c^{++})$	22359	22028	1	29053
22361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\eta\bar{K}^0D^+\bar{D}^{*0}\bar{n}\Sigma_c^0)$	22360	22029	1	29054
22362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^{*+}, B^0 \to \pi^+D^-p\bar{p}$ $(e^+e^- \to \pi^0\pi^+D^-D^-D_s^{*+}p\bar{p})$	22361	22030	1	29055
22363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to D^-\bar{\Lambda}\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}\bar{\Lambda}\Lambda_c^+)$	22362	22031	1	29056
22364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	22363	22032	1	29057
22365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\bar{D}^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*0}\bar{D}^{*0})$	22364	22033	1	29058
22366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^*D^{*+}\Delta^0\bar{\Sigma}_c^0)$	22365	22034	1	29059
22367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta K^+K^-D^+D^{*+}D_s^-)$	22366	22035	1	29060
22368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-D^-D^{*+})$	22367	22036	1	29061
22369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+D^-\bar{D}^{*-}a_1^+)$	22368	22037	1	29062
22370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+K_2^{*0}D^0D_s^{*-}J/\psi)$	22369	22038	1	29063
22371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-})$	2454	2448	1	29064
22372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\omega D^{*+}D^{*+}n\bar{p}a_1^-)$	22371	22040	1	29065

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\psi')$	22372	22041	1	29066
22374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\omega D^+D^-)$	22373	22042	1	29067
22375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \bar{D}^{*-}\bar{n}\Delta^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{n}\Delta^+D_1^-)$	22374	22043	1	29068
22376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D^{*+}J/\psi)$	22375	22044	1	29069
22377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\eta\bar{K}^0\bar{K}^0D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-\eta\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^{*+})$	22376	22045	1	29070
22378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^-D^-$ $(e^+e^- \to \pi^+\pi^+\rho^+K^+K^-K^{*-}D^-\bar{D}^{*-})$	22377	22046	1	29071
22379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \omega D^+D_s^-\gamma$ $(e^+e^- \to \rho^0\eta\omega\bar{K}^*K^+D^+\bar{D}^{*-}D_s^-\gamma)$	22378	22047	1	29072
22380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\bar{K}^*K^+D^-D_1'^+)$	22379	22048	1	29073
22381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-D^-D^{*+}n\bar{n})$	22380	22049	1	29074
22382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-})$	22381	22050	1	29075
22383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	22382	22051	1	29076
22384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\eta_c, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0K^0\eta_c\bar{n}\Sigma_c^0)$	22383	22052	1	29077
22385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega K^0\bar{K}^0D^-D^{*+}n\bar{n})$	22384	22053	1	29078
22386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^+\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-K^*K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^*K^{*-}D^+D^{*0}\Sigma^-\bar{\Sigma}^0)$	22385	22054	1	29079
22387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\omega D^-D^{*0})$	22386	22055	1	29080
22388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\rho^+D_2^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	22387	22056	1	29081
22389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\eta'\bar{D}^{*-}\bar{D}^{*-})$	22388	22057	1	29082

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^+\rho^-\rho^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^0\bar{D}^0)$	22389	22058	1	29083
22391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	22390	4706	1	29084
22392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \omega K^*D^+D^-\bar{n}\Sigma_c^0)$	22391	22059	1	29085
22393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^-D^{*+})$	22392	22060	1	29086
22394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\eta\bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-})$	22393	22061	1	29087
22395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	22394	22062	1	29088
22396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^0\bar{K}^0K^-D^+$ $(e^+e^- \to \rho^+K^0K^0\bar{K}^0K^-D^+\bar{D}^{*-})$	22395	22063	1	29089
22397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^-D_1'^+)$	22396	22064	1	29090
22398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^0, B^0 \to \pi^+\rho^-K^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{D}^0\bar{D}^0)$	22397	22065	1	29091
22399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^+\gamma)$	22398	22066	1	29092
22400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega D^-\Delta^0\bar{\Sigma}_c^{*0})$	22399	22067	1	29093
22401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^-\eta\eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\eta\omega D^{*+}\bar{D}^{*-}D_s^+)$	22400	22068	1	29094
22402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^-D^{*+}D^0\bar{D}^{*0})$	22401	22069	1	29095
22403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^*K^{*+}D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\eta\bar{K}^*K^{*+}K^{*+}D^+D^{*0}\bar{D}^{*0})$	22402	22070	1	29096
22404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to K^+K^-K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^+K^-K^-D^+\bar{D}^0)$	22403	22071	1	29097
22405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+D^+D_s^{*-})$	22404	22072	1	29098
22406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^-D^+\bar{D}^{*0}D_s^+\Delta^0\bar{\Delta}^+)$	2455	2449	1	29099

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^*D^-\bar{n}p, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*\bar{K}^*D^-D^{*+}\bar{D}^0\bar{n}p)$	22406	22074	1	29100
22408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^*\bar{D}^{*-}n\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}n\bar{\Lambda})$	22407	22075	1	29101
22409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to e^+\nu_eX_u^-D^{*+}a_1^-\gamma)$	22408	22076	1	29102
22410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+)$	22409	22077	1	29103
22411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\bar{K}^0K^+D^+D^{*+})$	22410	22078	1	29104
22412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to D^-D^{*+}D_s^+\Sigma^0\bar{\Sigma}^-)$	22411	22079	1	29105
22413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-})$	22412	22080	1	29106
22414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D_1^-)$	22413	22081	1	29107
22415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}D_1'^-)$	22414	22082	1	29108
22416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD_1'^+D_1'^-)$	22415	22083	1	29109
22417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \pi^-\bar{K}^*\bar{D}^0D_s^{*+}\bar{\Lambda}\Sigma_c^0)$	22416	22084	1	29110
22418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	22417	22085	1	29111
22419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to K^{*+}D^-D^0$ $(e^+e^- \to \pi^0\pi^+K^{*+}D^-\bar{D}^{*-}D^0)$	22418	22086	1	29112
22420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to \tau^+\nu_\tau K_LD_2^{*-}\eta_c)$	22419	22087	1	29113
22421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0D^-D_2^{*+}D_s^-D_s^{*+})$	22420	22088	1	29114
22422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^0D_{s1}'^+)$	22421	22089	1	29115
22423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to \pi^0\pi^0\bar{D}^0D^{*0}\bar{\Delta}^0\Sigma^0)$	22422	22090	1	29116

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\bar{K}^*K^+D^-D^{*0})$	22423	22091	1	29117
22425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-})$	22424	22092	1	29118
22426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}D_s^+\bar{n}p)$	22425	22093	1	29119
22427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\bar{K}^0D^-D^{*+})$	22426	22094	1	29120
22428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+K^*D^+D^-D^{*+})$	22427	22095	1	29121
22429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \eta K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^*\bar{K}^*K^-K^{*+}D^+\bar{D}^{*-})$	22428	22096	1	29122
22430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}n\bar{\Delta}^+)$	22429	22097	1	29123
22431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-})$	22430	22098	1	29124
22432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0K^-D^{*+}\bar{D}^{*0}D_s^+)$	22431	22099	1	29125
22433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{K}^0K^{*+}\bar{D}^{*-}, B^0 \to \pi^-\pi^-K^+D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\pi^-\omega\bar{K}^0K^+K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0)$	22432	22100	1	29126
22434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-D^0, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+K^0K^-D^+D^-D^0)$	22433	22101	1	29127
22435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+K^*K^-D^{*+}\bar{D}^{*-})$	22434	22102	1	29128
22436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \bar{K}^0K^-D^-D^{*+}D^{*+}\bar{D}^0)$	2456	2450	1	29129
22437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	22436	22103	1	29130
22438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^0\bar{K}^0D^+D^{*+})$	22437	22104	1	29131
22439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^*\eta_c, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-\rho^+K^*D^+\eta_ca_1^-)$	22438	22105	1	29132
22440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta D^-D_s^{*-}D_1^+)$	22439	22106	1	29133

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{\Delta}^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\bar{D}^{*-}p\bar{\Delta}^+)$	22440	22107	1	29134
22442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+})$	22441	22108	1	29135
22443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \bar{K}^*K^{*+}D^-D^0\eta_c)$	22442	22109	1	29136
22444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to K^0D^0D^{*0}\bar{D}^{*0}n\bar{\Delta}^0)$	22443	22110	1	29137
22445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0K^*K^-D^{*+}\bar{D}^{*-}a_1^+)$	22444	22111	1	29138
22446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^0)$	22445	22112	1	29139
22447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^-D^{*+}\bar{D}^{*-})$	22446	22113	1	29140
22448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+}n\bar{n}p\bar{\Sigma}_c^{--})$	22447	22114	1	29141
22449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{p}\Sigma^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^+D^{*+}\bar{p}\Sigma^0)$	22448	22115	1	29142
22450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega\omega K^0K^{*-}D^-D^{*+})$	22449	22116	1	29143
22451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^-D^{*+}D_s^+)$	22450	22117	1	29144
22452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	22451	22118	1	29145
22453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta D_s^+D_s^-$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D_s^+D_s^-)$	22452	22119	1	29146
22454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{\Delta}^+\Sigma_c^{++})$	22453	22120	1	29147
22455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^-\omega\Sigma^+\bar{\Xi}_c^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*0}\Sigma^+\bar{\Xi}_c^-)$	22454	22121	1	29148
22456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^+D^-)$	22455	22122	1	29149
22457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	22456	2618	1	29150

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}D^0D_s^-)$	22457	22123	1	29151
22459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+K^+K^-D^-, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+K^+K^-D^-\bar{D}^{*-})$	22458	22124	1	29152
22460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-D^+D^-D_s^+)$	22459	22125	1	29153
22461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \bar{K}^*K^+D^-D^{*+}D_{s1}'^-)$	22460	22126	1	29154
22462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0K^+D^+D^-D^{*0})$	22461	22127	1	29155
22463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta K^+K^-D^{*+}\bar{D}^{*-})$	22462	22128	1	29156
22464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \rho^+\eta K^{*+}K^{*-}D^-$ $(e^+e^- \to e^+\nu_e\rho^+\eta K^{*+}K^{*-}D^-D_1'^-)$	22463	22129	1	29157
22465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{p}\Sigma_c^0D_1^-)$	22464	22130	1	29158
22466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+\omega\omega K^*\bar{D}^{*-}D^0D_s^-)$	22465	22131	1	29159
22467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}D_s^-)$	22466	22132	1	29160
22468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega K^0\bar{K}^0\bar{K}^*K^+D^+D^-)$	22467	22133	1	29161
22469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-K^-D^-D^{*+}\bar{D}^{*-})$	22468	22134	1	29162
22470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	22469	1210	1	29163
22471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \pi^+K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Xi_c^0)$	22470	22135	1	29164
22472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0K^0D^-D^{*+}\bar{n}\Sigma_c^0)$	22471	22136	1	29165
22473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^+D^-D^{*0})$	22472	22137	1	29166
22474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}D^{*0})$	22473	22138	1	29167

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^-K^0K^-D^+)$	22474	22139	1	29168
22476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^0\pi^+\omega D^-D_s^-D_1^+)$	22475	22140	1	29169
22477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^0D_{s1}'^-)$	22476	22141	1	29170
22478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*0})$	22477	22142	1	29171
22479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^+D^-D^{*+}D_{s1}'^-)$	22478	22143	1	29172
22480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\bar{K}^0\bar{K}^0K^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0\bar{K}^0K^{*+}D^-)$	22479	22144	1	29173
22481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^0D_s^+)$	22480	22145	1	29174
22482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \bar{K}^0\phi\eta_c$ $(e^+e^- \to \bar{K}^0\phi D^{*+}\eta_cD_{s1}'^-)$	22481	22146	1	29175
22483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\eta'\bar{D}^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\eta'D^{*+}\bar{D}^0\bar{D}^0)$	22482	22147	1	29176
22484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\omega D^+D^{*+})$	22483	22148	1	29177
22485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega\bar{D}^{*-}n\bar{p})$	22484	22149	1	29178
22486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^-\bar{D}^{*-}D_s^+)$	22485	22150	1	29179
22487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^-D_2^{*-}\bar{\Delta}^0\Sigma_c^+)$	22486	22151	1	29180
22488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^-\pi^-K^+D^0\bar{D}^0\bar{\Delta}^0\Sigma_c^+)$	22487	22152	1	29181
22489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta K^+K^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\eta K^+K^-D_1'^+)$	22488	22153	1	29182
22490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^+\bar{D}^{*-}D_s^+)$	22489	22154	1	29183
22491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+D^-D^0D_s^{*+}D_s^{*-})$	22490	22155	1	29184

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to K^*\bar{K}^*K^+K^{*-}D^+D^-)$	22491	22156	1	29185
22493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+})$	22492	22157	1	29186
22494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^-)$	22493	22158	1	29187
22495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}D_{s0}^{*+})$	22494	4913	1	29188
22496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}n\bar{p})$	22495	22159	1	29189
22497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^{*+}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\rho^-\bar{K}^*\bar{D}^{*-}D_s^+\Delta^0\bar{\Sigma}^{*+})$	22496	22160	1	29190
22498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-n\bar{\Lambda}, \bar{B}^0 \to \pi^-K^0K^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0K^-D^+D^-n\bar{n}p\bar{\Lambda})$	22497	22161	1	29191
22499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu D^-D^{*0}p\bar{\Delta}^+)$	22498	22162	1	29192
22500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta\eta\omega D^-D^{*+})$	22499	22163	1	29193
22501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	22500	22164	1	29194
22502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^0K^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega\bar{K}^0K^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^0K^+K^-D^{*+})$	22501	22165	1	29195
22503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\pi^+\eta K^0K^-D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0K^+K^-D^-D^-)$	22502	22166	1	29196
22504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta'\phi\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^+\eta'\phi D^0\bar{D}^{*0})$	22503	22167	1	29197
22505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0K^*D^+\bar{D}^{*-})$	22504	22168	1	29198
22506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^+D^-n\bar{p})$	22505	22169	1	29199
22507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+K^+\bar{D}^{*-}D^0)$	22506	22170	1	29200
22508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0D^{*0})$	22507	22171	1	29201

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0\eta_c$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\bar{K}^0D^+\eta_c)$	22508	22172	1	29202
22510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0K^*K^+K^-K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^*K^+K^-K^-D^+D^-)$	22509	22173	1	29203
22511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{\Delta}^+, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-\rho^+K^0\bar{K}^0D^+\bar{D}^{*-}p\bar{\Delta}^+)$	22510	22174	1	29204
22512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^-\bar{D}^{*0}\bar{D}^{*0}D_s^+)$	22511	22175	1	29205
22513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^{*+}D^+, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^-\pi^-\bar{K}^*K^{*+}D^+\bar{\Delta}^+\Sigma_c^+)$	22512	22176	1	29206
22514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-D^+D^{*+})$	22513	22177	1	29207
22515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-}D^{*0})$	22514	22178	1	29208
22516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}a_1^+)$	22515	22179	1	29209
22517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^-\omega D^{*+}\gamma$ $(e^+e^- \to \pi^-\rho^-\omega D^{*+}\bar{D}^0D_s^+\gamma)$	22516	22180	1	29210
22518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\chi_{c1}$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\chi_{c1})$	22517	22181	1	29211
22519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^-\bar{K}^*\bar{D}^{*0}D_s^{*+}\bar{\Delta}^+\Sigma_c^+)$	22518	22182	1	29212
22520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}p\bar{p})$	22519	22183	1	29213
22521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^+\bar{\Sigma}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}^{*-}D_{s1}'^-)$	22520	22184	1	29214
22522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\rho^-K^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^0D^0D_s^{*-})$	22521	22185	1	29215
22523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-D^+D_0^{*+})$	22522	22186	1	29216
22524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0})$	22523	22187	1	29217
22525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	22524	22188	1	29218

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{n}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+}\bar{D}^0\bar{D}^{*0}n\bar{n})$	22525	22189	1	29219
22527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+K^-\psi'$ $(e^+e^- \to \pi^0\pi^+K^-D^-D_{s1}'^+\psi')$	2457	2451	1	29220
22528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*0}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0D^-D^{*0}p\bar{p})$	22527	22191	1	29221
22529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-K^+D^{*+}\bar{D}^{*0}a_1^-)$	22528	22192	1	29222
22530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to e^-\bar{\nu}_eK^-D^{*+}\bar{\Delta}^+\Sigma_c^{++})$	22529	22193	1	29223
22531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-K^0\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Lambda}\Sigma^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^0\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^{*0})$	22530	22194	1	29224
22532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \rho^+\eta\eta\omega\omega K^*K^-D^+\bar{D}^{*-})$	22531	22195	1	29225
22533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^0D^+D^{*+}\bar{D}^{*-})$	22532	17268	1	29226
22534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^+K^-D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^+D^-)$	22533	22196	1	29227
22535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta K^0\bar{K}^*K^+D_s^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\eta K^0\bar{K}^*K^+D^+D_s^{*-})$	22534	22197	1	29228
22536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\bar{D}^{*-}D_0^{*+})$	22535	22198	1	29229
22537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\omega\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\omega\omega D^0\bar{D}^0)$	22536	22199	1	29230
22538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_s^{*-}\gamma)$	22537	22200	1	29231
22539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^+\bar{D}^0D_s^+)$	2458	2452	1	29232
22540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^+\pi^-\rho^-K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*K^-D^+D^-\bar{D}^{*-})$	22539	22202	1	29233
22541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D^+D^-D^{*+})$	22540	22203	1	29234
22542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-D^{*+}D_2^{*-})$	22541	22204	1	29235

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^*K^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^*K^{*-}\bar{D}^{*-}D^{*0})$	22542	22205	1	29236
22544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	22543	22206	1	29237
22545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-D^{*+}D^{*+})$	22544	22207	1	29238
22546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega D^-, \bar{B}^0 \to D^0\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\eta\eta\omega D^-D^0\bar{p}\Delta^+)$	22545	22208	1	29239
22547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}a_1^-)$	22546	22209	1	29240
22548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^-D^0D_s^-\bar{\Delta}^-\Delta^0)$	22547	22210	1	29241
22549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^*D^-D^{*+}\bar{D}^{*-})$	22548	9438	1	29242
22550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\eta'D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+\eta'D^+D^-)$	22549	22211	1	29243
22551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-\eta\eta D^+D_2^{*+})$	22550	22212	1	29244
22552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^-D^+D^{*+})$	22551	22213	1	29245
22553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0K^0K^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0K^0K^-D^{*+})$	22552	22214	1	29246
22554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^*D^+D^-D^-)$	22553	22215	1	29247
22555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*K^+D^-\bar{\Delta}^0\Sigma_c^+)$	22554	22216	1	29248
22556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^0D_s^{*+})$	22555	12089	1	29249
22557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	22556	15432	1	29250
22558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0K^0K^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^0\pi^+K^0K^0\bar{K}^*K^-D^+D^-\bar{D}^{*0})$	22557	22217	1	29251
22559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*-}\gamma)$	22558	22218	1	29252

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-}a_1^+)$	22559	22219	1	29253
22561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-D^-D^{*+})$	22560	22220	1	29254
22562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\eta\omega K^0\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta\omega K^0D^-\bar{\Lambda}\Sigma^0)$	22561	22221	1	29255
22563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-K^0K^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-K^0K^{*-}D^+n\bar{p})$	22562	22222	1	29256
22564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^-\omega\bar{K}^0K^+D^+D^+)$	22563	22223	1	29257
22565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+D^+D^-)$	22564	22224	1	29258
22566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_2^{*-}D_s^+)$	22565	22225	1	29259
22567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-n\bar{n}, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^+\pi^+\rho^-D^-\bar{D}^{*-}n\bar{n}\bar{n}p)$	22566	22226	1	29260
22568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-D^-D_{s0}^{*+})$	22567	22227	1	29261
22569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^{*+}D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^{*+}D^-D^{*+})$	22568	22228	1	29262
22570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\bar{D}^{*-}D^{*0})$	22569	22229	1	29263
22571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta'D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta'D^{*+}D^{*0})$	22570	22230	1	29264
22572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-D^+D^{*+})$	22571	22231	1	29265
22573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}D_s^{*+})$	22572	22232	1	29266
22574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega K^*K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^*K^+K^-D^+D^-)$	22573	22233	1	29267
22575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-n\bar{n}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\omega D^-D^{*+}n\bar{n})$	22574	22234	1	29268
22576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^+D^{*+})$	22575	22235	1	29269

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+D^{*+}a_1^-)$	22576	22236	1	29270
22578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^+\Lambda$ $(e^+e^- \to e^+\nu_e D^- D_s^{*+}\bar{\Delta}^+\Lambda)$	112	112	1	29271
22579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\pi^+K^{*-}D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+K^{*-}D^-D^0D_1'^-)$	22578	22238	1	29272
22580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D^{*0})$	22579	22239	1	29273
22581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^+\omega\omega D^-\bar{D}^{*-})$	22580	22240	1	29274
22582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-\pi^-D^+D^{*+}p\bar{p})$	22581	22241	1	29275
22583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0}D_{s1}'^+)$	22582	22242	1	29276
22584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^{*+}D^{*+}\bar{D}^{*-})$	22583	22243	1	29277
22585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^-\bar{\Delta}^-\Delta^+, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^0\pi^-\rho^-D^-\bar{\Delta}^-\Delta^+D_1'^+)$	22584	22244	1	29278
22586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*0})$	22585	22245	1	29279
22587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^{*0}p\bar{\Lambda}_c^-)$	22586	22246	1	29280
22588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0})$	22587	22247	1	29281
22589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	22588	22248	1	29282
22590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^0K^{*+}D^+D^-)$	22589	11617	1	29283
22591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}D^0)$	22590	22249	1	29284
22592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega D^+D^-)$	22591	22250	1	29285
22593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^0D^+D^-D^{*+})$	22592	22251	1	29286

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^{*+}D^{*+}\bar{D}^{*0})$	22593	22252	1	29287
22595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \eta\omega\omega K^0 K^- D^{*+}$ $(e^+e^- \to \eta\omega\omega K^0 K^0 K^- D^{*+}D^{*+}\bar{D}^{*-})$	22594	22253	1	29288
22596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+ D^- D^{*+}\gamma)$	22595	22254	1	29289
22597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta' D^+ n\bar{\Sigma}_c^0)$	22596	22255	1	29290
22598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^- K^+ K^- D^+$ $(e^+e^- \to e^+\nu_e\rho^- K^+ K^- D^+\bar{D}^{*-})$	22597	22256	1	29291
22599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^+ D_s^-\gamma$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+} D_s^-\gamma)$	22598	22257	1	29292
22600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-})$	22599	22258	1	29293
22601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^{*-}\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to e^+\nu_e K^{*-} D^-\bar{\Sigma}^{*0}\Xi_c^{*+})$	22600	22259	1	29294
22602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^* K^+ D^+\bar{D}^{*-} D^{*0})$	22601	22260	1	29295
22603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \pi^0\bar{K}^0 K^{*+}\bar{D}^{*-} D^0\bar{D}^0 D^{*0})$	22602	22261	1	29296
22604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0 K^0\bar{K}^*, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\omega K^0 K^0\bar{K}^* D^+)$	22603	22262	1	29297
22605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^-\phi\bar{\Lambda}\Sigma^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 K^0 K^-\phi\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	22604	22263	1	29298
22606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta D^- D^{*+})$	22605	22264	1	29299
22607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\omega D^+ n\bar{p}$ $(e^+e^- \to \pi^0\omega D^+ D^- n\bar{p} a_1^+)$	22606	22265	1	29300
22608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega D^+\bar{D}^{*-})$	22607	16525	1	29301
22609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \omega\bar{\Delta}^0\Xi_c^0$ $(e^+e^- \to \tau^+\nu_\tau\omega D^-\bar{\Delta}^0\Xi_c^0)$	22608	22266	1	29302
22610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^- K^0\bar{K}^0 D^{*+}\bar{D}^{*-}\chi_{c1})$	22609	22267	1	29303

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega D^+ D^- D_s^{*-})$	22610	22268	1	29304
22612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^- D^- D_s^+)$	22611	22269	1	29305
22613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0} D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^- D^+\bar{D}^{*0} D_s^+)$	22612	22270	1	29306
22614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^0 D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^- K^0\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	22613	22271	1	29307
22615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0 K^* D^+\bar{D}^{*-})$	22614	22272	1	29308
22616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+ K^* K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+\gamma$ $(e^+e^- \to \pi^+\rho^+\rho^- K^* K^- D^+\bar{D}^{*-}\gamma)$	22615	22273	1	29309
22617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\bar{K}^* K^+ D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^* K^+ D^0\bar{D}^0 D_s^{*+})$	22616	22274	1	29310
22618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^- K^+ D^+)$	22617	22275	1	29311
22619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 D^{*+}\bar{D}^{*-} D_{s1}'^-\gamma)$	22618	22276	1	29312
22620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^{*0} n\bar{\Delta}^0$ $(e^+e^- \to K^+\bar{D}^{*-} D^{*0} D^{*0} n\bar{\Delta}^0)$	22619	22277	1	29313
22621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^0\bar{D}^0 D_0^{*+})$	22620	22278	1	29314
22622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^0\bar{K}^0 K^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^- K^0\bar{K}^0 K^+ D^{*+})$	22621	22279	1	29315
22623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to \pi^0\rho^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^+\rho^- K^0\bar{K}^0 D^+ D^-)$	22622	22280	1	29316
22624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^+ D^{*+}\bar{D}^{*-} D_{s1}'^-)$	22623	22281	1	29317
22625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-})$	22624	22282	1	29318
22626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-} D^0$ $(e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-} D^0\bar{n}p)$	22625	22283	1	29319
22627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+ K^0\bar{K}^0 K^* K^- D^{*+}\bar{D}^{*-})$	22626	22284	1	29320

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}a_1^-)$	22627	22285	1	29321
22629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^-D^{*+}\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\rho^-D^-D^{*+}\bar{n}p)$	22628	22286	1	29322
22630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	22629	22287	1	29323
22631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0K^{*-}D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0)$	22630	22288	1	29324
22632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	22631	22289	1	29325
22633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^+K^+K^{*-}D^-D_2^{*+}D_s^-)$	22632	22290	1	29326
22634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^{*0})$	22633	22291	1	29327
22635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-\omega D^-D_2^{*-})$	22634	22292	1	29328
22636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^+\eta\omega K^*K^-\bar{D}^0$ $(e^+e^- \to \pi^+\eta\omega K^*K^-D^-\bar{D}^0D_s^+)$	22635	22293	1	29329
22637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^-D^+\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^0)$	22636	22294	1	29330
22638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \rho^0\pi^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	22637	22295	1	29331
22639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^*K^+D^-D^{*+})$	22638	22296	1	29332
22640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}D^0n\bar{n})$	22639	22297	1	29333
22641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^+D^0D_s^-\Delta^-\bar{\Delta}^0)$	22640	22298	1	29334
22642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^+\chi_{c1})$	22641	22299	1	29335
22643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0D^-D^{*+}D^{*0})$	22642	22300	1	29336
22644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^-\bar{D}^{*-}D_s^+D_s^{*+})$	22643	22301	1	29337

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	22644	22302	1	29338
22646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^0K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	22645	22303	1	29339
22647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\rho^+\eta D^+D^-)$	22646	22304	1	29340
22648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*0})$	22647	22305	1	29341
22649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-\gamma, \bar{B}^0 \to \pi^+\pi^+\omega K^-D^-$ $(e^+e^- \to \pi^+\pi^+\omega\bar{K}^0K^-K^{*+}D^-D^-\gamma)$	22648	22306	1	29342
22650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to D^+D^-\Delta^-\bar{n}D_{s1}'^+)$	22649	22307	1	29343
22651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^{*+}\Sigma^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-D^+D^-\bar{\Sigma}^{*+}\Sigma^{*-})$	22650	22308	1	29344
22652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \bar{K}^0K^{*-}D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^{*-}D_s^{*+}D_1'^-)$	22651	22309	1	29345
22653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+J/\psi, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-\rho^-K^+D^{*+}J/\psi)$	22652	22310	1	29346
22654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \rho^0\eta K^*K^-D^+$ $(e^+e^- \to \rho^0\eta K^*K^-K^{*+}D^+p\bar{\Sigma}_c^{*--})$	22653	22311	1	29347
22655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}a_1^-)$	22654	22312	1	29348
22656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^*\phi D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\eta\bar{K}^*\phi D^{*+}D_s^+)$	22655	22313	1	29349
22657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^*D^0\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^*D^+D^0\bar{D}^0)$	22656	22314	1	29350
22658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	22657	22315	1	29351
22659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\rho^-\omega D^{*+}D^{*+})$	22658	22316	1	29352
22660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	22659	16364	1	29353
22661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega K^*D^+\chi_{c1})$	22660	22317	1	29354

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^*D^{*+}\bar{D}^0D^{*0})$	22661	22318	1	29355
22663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta\bar{K}^*K^{*+}D^+D^-)$	22662	22319	1	29356
22664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega K^+K^-D^+D^-)$	22663	22320	1	29357
22665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\pi^+K^0K^-D^-$ $(e^+e^- \to \pi^+\pi^+K^0K^-D^-\bar{D}^{*-}D_s^{*+})$	22664	22321	1	29358
22666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0)$	22665	22322	1	29359
22667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\eta\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\eta\omega K^0K^-D^{*+}D^{*+}a_1^-)$	22666	22323	1	29360
22668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to e^+\nu_e D^{*+}\bar{\Delta}^0\Sigma^-D_0^{*-})$	22667	22324	1	29361
22669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+\bar{p}\Lambda$ $(e^+e^- \to e^+\nu_e D^+D^-\bar{p}\Lambda)$	22668	22325	1	29362
22670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*D^{*+}\bar{D}^{*0})$	22669	22326	1	29363
22671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-})$	22670	22327	1	29364
22672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^0D^-\bar{D}^{*-}D^0)$	22671	22328	1	29365
22673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^{*+}D^+D^-)$	22672	22329	1	29366
22674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\eta D^+D^-D_{s1}'^-)$	22673	22330	1	29367
22675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^-D^{*+}D_s^{*+})$	22674	22331	1	29368
22676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}D^{*0})$	491	491	1	29369
22677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{p}\Sigma_c^{*0})$	22676	22333	1	29370
22678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	22677	22334	1	29371

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^- D^{*+})$	22678	22335	1	29372
22680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\bar{K}^* D^- D^{*+}\bar{D}^{*-})$	22679	22336	1	29373
22681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0 D^+ D_s^{*-} D_1^-)$	22680	22337	1	29374
22682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega D^{*+} D^{*+} D_s^{*-})$	2461	2455	1	29375
22683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to D^{*+} D_{s1}^-$ $(e^+e^- \to \pi^- D^{*+}\bar{D}^0 D_s^+ D_{s1}^-)$	22682	22339	1	29376
22684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D_s^-, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\bar{K}^* K^+ D_s^-\bar{\Delta}^0\Sigma_c^0)$	22683	22340	1	29377
22685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu K^0 K^- D^+ D_1'^-)$	22684	22341	1	29378
22686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^*\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^+\rho^- K^* D^+\bar{D}^{*-} D^{*0})$	22685	22342	1	29379
22687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S J/\psi, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0\pi^-\rho^+ K_S\bar{K}^0 J/\psi J/\psi)$	22686	22343	1	29380
22688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^+ D^- D^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^+\eta K^{*-} D^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta K^+ K^{*-} D^- D^0 D^{*0})$	22687	22344	1	29381
22689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \omega\eta' D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\omega\eta' D^{*0}\bar{D}^{*0})$	22688	22345	1	29382
22690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0 K^{*-}\eta' D^+$ $(e^+e^- \to e^+\nu_e K^0 K^{*-}\eta' D^+\bar{D}^{*-})$	22689	22346	1	29383
22691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \pi^- K^+ K^{*-} D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- K^+ K^{*-} D^+ D_2^{*+})$	22690	22347	1	29384
22692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^{*+}\bar{D}^{*-} D_s^{*+} D_1^-)$	22691	22348	1	29385
22693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e D_s^{*+} D_1^- D_1'^+)$	22692	22349	1	29386
22694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\bar{\Delta}^{++}\Sigma_c^{*++}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^-\bar{\Delta}^{++}\Sigma_c^{*++})$	22693	22350	1	29387
22695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{K}^0\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	22694	22351	1	29388

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}n\bar{\Lambda}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^{*+}\bar{D}^{*-}n\bar{\Lambda})$	22695	22352	1	29389
22697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^{*+}D_1^-)$	22696	22353	1	29390
22698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\omega\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega D^-\bar{\Delta}^+\Sigma_c^+)$	22697	22354	1	29391
22699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	22698	22355	1	29392
22700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-D_1^+$ $(e^+e^- \to \pi^0\pi^-\Delta^+\bar{\Sigma}_c^-D_1^+)$	22699	22356	1	29393
22701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+K^+K^-D^{*+})$	22700	22357	1	29394
22702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^-D^{*+})$	22701	13444	1	29395
22703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^0\bar{D}^0\Lambda\bar{\Sigma}^0)$	22702	22358	1	29396
22704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-D^+\bar{D}^{*-})$	22703	22359	1	29397
22705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-D^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^-K^0D^{*+}n\bar{\Sigma}^+\Sigma^-\bar{\Sigma}_c^0)$	22704	22360	1	29398
22706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+D^+D_s^{*-})$	22705	22361	1	29399
22707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	22706	21327	1	29400
22708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	22707	22362	1	29401
22709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\rho^+D^-\bar{p}\Sigma_c^{*0})$	22708	22363	1	29402
22710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to K^+K^-D^+D_s^{*-}$ $(e^+e^- \to \omega K^+K^-D^+D^-D_s^+D_s^{*-})$	22709	22364	1	29403
22711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+D^+D^-D^{*+})$	22710	22365	1	29404
22712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0K^+D^-D^{*+}D_s^{*+})$	22711	22366	1	29405

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-})$	22712	22367	1	29406
22714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \rho^0\rho^-\eta\eta\omega D^+$ $(e^+e^- \to \rho^0\rho^-\eta\eta\omega K^*D^+D^+D^-)$	22713	22368	1	29407
22715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\omega K^0\bar{K}^*K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-})$	22714	22369	1	29408
22716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\phi D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0K^+\phi D^-D^{*+})$	22715	22370	1	29409
22717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	22716	22371	1	29410
22718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+D^-, B^0 \to \pi^0\pi^0K^0K^+K^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+K^0K^+K^-D^-)$	22717	22372	1	29411
22719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0K^{*-}D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^{*-}D^-D_s^+)$	22718	22373	1	29412
22720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-D^-J/\psi)$	22719	22374	1	29413
22721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+\bar{D}^{*0}D_0^{*+})$	22720	22375	1	29414
22722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-})$	22721	22376	1	29415
22723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^0D_s^+)$	22722	22377	1	29416
22724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^0D^{*0}D_s^{*-})$	22723	22378	1	29417
22725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^+\omega\bar{D}^{*-}\bar{n}\Sigma_c^0\gamma)$	22724	22379	1	29418
22726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c, B^0 \to \rho^-K^*D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\rho^-K^*K^+D^{*+}\bar{D}^0\eta_c)$	2462	2456	1	29419
22727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^+\rho^-D^+D_1'^-)$	22726	22381	1	29420
22728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0K^0\bar{K}^0, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \omega K^0K^0\bar{K}^0D_2^{*+}D_s^-)$	22727	22382	1	29421
22729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^*K^+D^-D_1'^+)$	22728	22383	1	29422

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}n\bar{n})$	2463	2457	1	29423
22731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^-\eta'D^+$ $(e^+e^- \to \pi^-\eta'D^+\bar{D}^0n\bar{n})$	22730	22385	1	29424
22732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^*D^+D^-)$	22731	22386	1	29425
22733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	22732	22387	1	29426
22734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^+K^{*-}\bar{D}^{*-}J/\psi)$	22733	22388	1	29427
22735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^0D^+D^+\bar{D}^{*-}a_1^-)$	22734	22389	1	29428
22736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\omega D^+D_2^{*-}D_s^{*+})$	22735	22390	1	29429
22737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+})$	22736	22391	1	29430
22738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0p\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^{*+}p\bar{\Xi}_c'^-)$	22737	22392	1	29431
22739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \bar{K}^0D_2^{*+}D_s^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	22738	22393	1	29432
22740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \tau^+\nu_\tau D^-D^{*+}D_{s1}^-)$	22739	22394	1	29433
22741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\eta\bar{D}^0\bar{n}p, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^-\eta\omega\bar{K}^0K^+D^{*+}\bar{D}^0\bar{n}p)$	22740	22395	1	29434
22742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\bar{K}^*K^+\bar{D}^{*-}D^0p\bar{\Delta}^+)$	22741	22396	1	29435
22743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to \rho^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\omega\omega D^+D^-)$	22742	22397	1	29436
22744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	22743	2026	1	29437
22745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \rho^+\rho^-\bar{K}^0K^+D^-D_s^-D_1'^+)$	22744	22398	1	29438
22746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to p\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}D_s^{*-}p\bar{\Lambda}_c^-)$	22745	22399	1	29439

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^+ D^+ D_s^{*-})$	22746	22400	1	29440
22748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^- D^{*+} a_1^-)$	22747	22401	1	29441
22749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+ D^- D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^+ D^- D^{*+} D_2^{*+})$	22748	22402	1	29442
22750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\rho^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{D}^{*-} D^0 D_s^{*+} D_s^{*-})$	22749	22403	1	29443
22751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- a_1^+, B^0 \to \rho^0\rho^0\pi^+\rho^- K^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^- K^+ D^-\bar{D}^{*-} a_1^+)$	22750	22404	1	29444
22752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\bar{K}^* K^+\bar{D}^{*0}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^* K^+ K^- D^+\bar{D}^{*0}\bar{D}^{*0})$	22751	22405	1	29445
22753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta K^* D^+\eta_c)$	22752	22406	1	29446
22754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	22753	22407	1	29447
22755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+ n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-} n\bar{n})$	22754	22408	1	29448
22756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0\bar{K}^0 D^+ D^-)$	22755	22409	1	29449
22757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^* K^- D^- D^{*+} D^{*+})$	22756	22410	1	29450
22758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^- n, \bar{B}^0 \to \pi^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^-\eta' D^+ D^-\bar{\Delta}^- n)$	22757	22411	1	29451
22759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^+ D^-)$	22758	22412	1	29452
22760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-} D^0 D_s^-\bar{\Delta}^+\Delta^{++})$	22759	22413	1	29453
22761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^+ D^+ D^-)$	22760	22414	1	29454
22762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0 K^-\bar{D}^{*-} D_s^+, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0 K^- D^+\bar{D}^{*-} D_s^+)$	22761	22415	1	29455
22763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+ D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+} D^{*+}\bar{D}^{*-})$	22762	22416	1	29456

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^+K^-D^-D^{*+}D^{*0}\bar{D}^{*0})$	22763	22417	1	29457
22765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta D^-D^{*+})$	22764	11325	1	29458
22766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega D^-D^0D_s^+)$	22765	7662	1	29459
22767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^+D_2^{*-}D_s^+)$	22766	22418	1	29460
22768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0K^*D^{*+}\bar{D}^{*-}D_0^{*-})$	2464	2458	1	29461
22769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0D^{*0}D^{*0}\bar{D}^{*0})$	22768	22420	1	29462
22770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\omega K^0D^+\bar{D}^{*0})$	22769	22421	1	29463
22771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\phi\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+K^{*-}\phi D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	22770	22422	1	29464
22772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}\bar{D}^0D^{*0}, B^0 \to \pi^0\pi^+\pi^-\rho^-\omega K^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+K^{*+}\bar{D}^0D^{*0})$	22771	22423	1	29465
22773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta' p\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^0\pi^0K^*$ $(e^+e^- \to \pi^0\pi^0\pi^0K^*\eta' p\bar{\Sigma}_c^-)$	22772	22424	1	29466
22774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^-D^{*+})$	2465	2459	1	29467
22775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta D^-D^{*+})$	22774	22426	1	29468
22776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^0D^{*+}D^0\bar{D}^{*0}D_s^-)$	22775	22427	1	29469
22777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \rho^0\eta\bar{D}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\eta\bar{D}^0D^{*0}D_1'^-)$	22776	22428	1	29470
22778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^+\bar{D}^{*-}p\bar{\Delta}^{++})$	22777	22429	1	29471
22779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\pi^-\omega D^{*+}\bar{n}p$ $(e^+e^- \to \pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}\bar{n}p)$	22778	22430	1	29472
22780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+\gamma)$	22779	22431	1	29473

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	22780	22432	1	29474
22782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	22781	19310	1	29475
22783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Sigma^0\bar{\Xi}_c'^-, \bar{B}^0 \to \eta K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^+\eta K^-D^+\bar{D}^0\Sigma^0\bar{\Xi}_c'^-)$	22782	22433	1	29476
22784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\pi^-D^{*+}D^{*+})$	22783	22434	1	29477
22785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\eta_c, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^{*-}\eta_c)$	22784	22435	1	29478
22786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega K^0D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\omega K^0D^+D^-)$	22785	22436	1	29479
22787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	22786	22437	1	29480
22788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \eta\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\eta\omega D^+n\bar{p}\Delta^+\bar{\Sigma}_c^{*-})$	22787	22438	1	29481
22789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^-D^{*+}p\bar{p})$	22788	22439	1	29482
22790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^+\bar{D}^{*0}\Delta^-\bar{n})$	22789	22440	1	29483
22791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-D^-\bar{D}^0D_s^+)$	22790	22441	1	29484
22792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta K^-D^-D^{*0}\bar{D}^{*0})$	22791	22442	1	29485
22793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*D^-D^{*0}\bar{D}^{*0}D_s^{*+})$	22792	22443	1	29486
22794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to D^-\bar{\Delta}^-n$ $(e^+e^- \to \mu^+\nu_\mu D^-D^-\bar{\Delta}^-n)$	22793	22444	1	29487
22795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^+\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^+D^-\bar{\Delta}^+\Xi_c^0)$	22794	22445	1	29488
22796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	22795	22446	1	29489
22797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^0\eta'D^+D^0\bar{D}^{*0})$	22796	22447	1	29490

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^+K^-D^{*+}\bar{D}^{*-}D_s^{*+})$	22797	22448	1	29491
22799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to e^+\nu_e D^-\bar{K}_1^0\psi')$	22798	22449	1	29492
22800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	22799	22450	1	29493
22801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-})$	2466	2460	1	29494
22802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \omega\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\omega K^0K^{*-}D^{*+}D^{*+})$	22801	22452	1	29495
22803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0})$	22802	22453	1	29496
22804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+K^0K^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta K^0K^-D^+\bar{D}^0)$	22803	22454	1	29497
22805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \pi^-\rho^+\eta\omega\bar{D}^{*0}\bar{X}_{sd}\gamma)$	22804	22455	1	29498
22806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^{*+}\chi_{c1})$	22805	22456	1	29499
22807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-D^{*0}n\bar{\Delta}^0)$	22806	22457	1	29500
22808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega\omega D^+D^{*+})$	22807	22458	1	29501
22809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{K}^0D^-\bar{D}^{*-}D^{*0})$	22808	22459	1	29502
22810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	22809	22460	1	29503
22811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\bar{K}^0K^+D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^+n\bar{\Xi}_c'^-)$	22810	22461	1	29504
22812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^+\bar{D}^{*-})$	22811	22462	1	29505
22813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0\bar{K}^*K^+, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-K^0\bar{K}^*K^+D_2^{*+}D_s^{*-})$	2467	2461	1	29506
22814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \eta K^0\bar{K}^*\bar{K}^*K^+D^+D^-\bar{D}^{*-})$	22813	22464	1	29507

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^-K^+\bar{D}^0D^{*0}, B^0 \to \pi^+\pi^+\pi^-K^*\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^*\bar{K}^*K^+\bar{D}^{*-}\bar{D}^0D^{*0})$	22814	22465	1	29508
22816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \rho^0D^-\bar{p}\Xi_c'^+a_1^+)$	22815	22466	1	29509
22817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^-\bar{K}^0D^-D^{*+}\bar{D}^0)$	22816	22467	1	29510
22818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+D^-\bar{\Lambda}\Sigma^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}\bar{\Lambda}\Sigma^+)$	22817	22468	1	29511
22819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1^-, B^0 \to \pi^0\pi^0\pi^+\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\eta D^-D_1^-)$	22818	22469	1	29512
22820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \bar{D}^{*-}D_s^{*+}D_s^{*-}D_1^+)$	22819	22470	1	29513
22821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+D^{*0}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0K^+D^{*+}D^{*0}D_s^{*-})$	22820	22471	1	29514
22822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	22821	22472	1	29515
22823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\omega K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\omega K^{*-}D^{*+}D_2^{*-}D_s^+)$	22822	22473	1	29516
22824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*0})$	22823	22474	1	29517
22825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^*K^-D^+\bar{D}^{*-}D_{s1}'^+)$	22824	22475	1	29518
22826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^-D^{*+}\Delta^-\bar{\Delta}^0\Delta^+\bar{\Sigma}_c^{*0})$	22825	22476	1	29519
22827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\eta' D^-D^{*+})$	22826	22477	1	29520
22828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0\bar{K}^0D^-D^{*+}\bar{n}p)$	22827	22478	1	29521
22829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\eta\eta\omega D^+D^+)$	22828	22479	1	29522
22830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^+\bar{D}^{*-})$	22829	22480	1	29523
22831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta\omega\bar{K}^0K^+\bar{D}^{*-}D_1^+)$	22830	22481	1	29524

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^-D^{*+}D_s^+)$	22831	22482	1	29525
22833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+K^-D^+D^{*+})$	22832	22483	1	29526
22834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^0)$	22833	22484	1	29527
22835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D_2^{*+}p\bar{\Sigma}_c^-)$	22834	22485	1	29528
22836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\omega K^0\bar{K}^0D^+\bar{D}^0)$	22835	22486	1	29529
22837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0)$	22836	14224	1	29530
22838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+}D_{s1}'^-)$	22837	22487	1	29531
22839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*K^{*-}D^{*0}J/\psi)$	22838	22488	1	29532
22840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\omega\omega\bar{K}^0D^+\bar{D}^0)$	22839	22489	1	29533
22841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^0\eta', \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\eta'D^+)$	22840	22490	1	29534
22842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta K^{*+}D^+D^-D^{*0})$	22841	22491	1	29535
22843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^-\rho^+\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*-})$	22842	22492	1	29536
22844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-K^*\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0K^*\bar{K}^*D^+D^-D^{*0})$	22843	22493	1	29537
22845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-D^-D_1^-)$	22844	22494	1	29538
22846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^-K^+D^{*+}D^{*0}\bar{D}^{*0})$	22845	22495	1	29539
22847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^+)$	22846	22496	1	29540
22848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{D}^{*-}D^0D_s^-)$	22847	22497	1	29541

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+D_2^{*-}D_s^+)$	22848	22498	1	29542
22850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \eta D^{*0}$ $(e^+e^- \to \rho^-\eta K^+D^0D^{*0}\bar{D}^{*0})$	22849	22499	1	29543
22851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e K^-D^+\bar{D}^{*0}D_0^{*-})$	22850	22500	1	29544
22852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to \pi^+\pi^-\eta K^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta K^0K^*D^0\bar{D}^{*0}J/\psi)$	22851	22501	1	29545
22853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta K^*D^{*+}\bar{D}^{*-}\bar{n}p)$	22852	22502	1	29546
22854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D_s^{*+}D_1^-a_1^-)$	22853	22503	1	29547
22855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Lambda}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^0\Delta^0\bar{\Lambda}D_{s1}'^-)$	2468	2462	1	29548
22856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	22855	22505	1	29549
22857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}, \bar{B}^0 \to K^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^-K^-D^{*+}\bar{p}\Sigma_c^{*++})$	22856	22506	1	29550
22858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \pi^+\eta n\bar{\Delta}^+\bar{\Sigma}_c^0\Xi_c^{*0})$	22857	22507	1	29551
22859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^-D^{*+}D^{*+}\bar{D}^{*-})$	22858	22508	1	29552
22860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^-K^{*+}D^+D^{*0}\bar{D}^{*0})$	22859	22509	1	29553
22861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\eta D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\eta\bar{K}^*D^+D^-\bar{D}^{*-})$	22860	22510	1	29554
22862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega K^0D^{*+}\bar{D}^{*-}D^0)$	22861	22511	1	29555
22863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-D^+\bar{D}^{*-}D_{s1}'^+)$	22862	22512	1	29556
22864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^-\eta\omega\bar{K}^0D^+D^-D^{*+})$	22863	22513	1	29557
22865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^0\bar{n}pD_0^{*+})$	22864	22514	1	29558

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-K^+D^-, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\bar{K}^*K^+D^-D^{*0}\bar{D}^{*0})$	22865	22515	1	29559
22867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}p\bar{p})$	22866	22516	1	29560
22868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	22867	22517	1	29561
22869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+K^-D^-\bar{D}^{*0})$	22868	22518	1	29562
22870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	22869	22519	1	29563
22871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0\bar{K}^0K^{*+}D^-, B^0 \to \pi^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+K^0\bar{K}^0K^{*+}K^{*-}D^-\bar{D}^{*-})$	22870	22520	1	29564
22872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}a_1^+)$	22871	22521	1	29565
22873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^{*+}D_1^+)$	22872	22522	1	29566
22874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-})$	22873	22523	1	29567
22875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0K^+D^+\bar{D}^{*-}p\bar{p})$	22874	22524	1	29568
22876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, B^0 \to \rho^+K^-K^{*+}D^-$ $(e^+e^- \to \rho^+K^*K^-K^{*+}D^-D^{*0}\bar{D}^{*0})$	22875	22525	1	29569
22877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \bar{K}^0D^-D^0\bar{D}^0D_{s1}'^+)$	22876	22526	1	29570
22878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta'D^{*+}\bar{D}^{*-})$	22877	22527	1	29571
22879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+D_1^-)$	22878	22528	1	29572
22880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-)$	22879	22529	1	29573
22881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, B^0 \to \rho^0\pi^+\rho^-\omega K^0\bar{D}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^0\bar{D}^{*-}\bar{D}^0)$	22880	22530	1	29574
22882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^0)$	22881	22531	1	29575

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to \pi^+\eta\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^-\bar{D}^{*-}D^0D_s^+\gamma)$	22882	22532	1	29576
22884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta K^*D^-, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0K^*K^*D^-D^{*+})$	22883	22533	1	29577
22885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta\omega K^{*-}D^+D^+\bar{D}^0)$	22884	22534	1	29578
22886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	22885	22535	1	29579
22887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^+D^{*0}\bar{\Delta}^{++}\Sigma^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^{++}\Sigma^+)$	22886	22536	1	29580
22888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}D^0\gamma)$	22887	22537	1	29581
22889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\rho^+K^*K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+K^*K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	22888	22538	1	29582
22890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^+\omega K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\omega K^-\bar{D}^0D^{*0}D_1'^-)$	22889	22539	1	29583
22891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+D^{*+}\bar{D}^0)$	22890	22540	1	29584
22892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\bar{K}^*D^-D^{*+})$	22891	22541	1	29585
22893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+})$	22892	22542	1	29586
22894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_0^{*-})$	22893	22543	1	29587
22895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+})$	22894	22544	1	29588
22896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*0})$	22895	22545	1	29589
22897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*-}\eta_c)$	22896	22546	1	29590
22898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p})$	22897	22547	1	29591
22899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega D^-n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega D^-\bar{D}^{*-}n\bar{\Delta}^0)$	22898	22548	1	29592

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^0\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^{*+}D^-D^-D_s^{*+})$	22899	22549	1	29593
22901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-D_s^{*+})$	22900	22550	1	29594
22902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\bar{K}^*K^+D^-D_1'^+)$	22901	22551	1	29595
22903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^*D^-D^{*+}D^0)$	22902	22552	1	29596
22904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	22903	22553	1	29597
22905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, B^0 \to \pi^0\pi^0\eta\omega\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\eta\omega\omega\bar{D}^{*-}\bar{D}^0a_1^+\gamma)$	22904	22554	1	29598
22906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\eta\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	22905	22555	1	29599
22907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\eta D^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta K^0K^{*-}D^-D^{*+})$	22906	22556	1	29600
22908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^+K^+K^-D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^+K^-D^-\bar{D}^{*-})$	22907	22557	1	29601
22909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0p\bar{p}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \eta D^{*+}\bar{D}^0D_s^{*-}p\bar{p})$	22908	22558	1	29602
22910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta D^-D^{*+}n\bar{p})$	22909	22559	1	29603
22911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	22910	22560	1	29604
22912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+D^{*+}\bar{D}^{*-}\gamma)$	22911	22561	1	29605
22913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0K^{*-}D^{*+}D^{*+})$	22912	22562	1	29606
22914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	2469	2463	1	29607
22915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	22914	22564	1	29608
22916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to \mu^+\nu_\mu K_LD^-\eta_c)$	22915	22565	1	29609

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \omega K^* K^- D^{*+}$ $(e^+e^- \to \omega K^* K^* K^- D^{*+}\eta_c)$	22916	22566	1	29610
22918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \rho^0 D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+\eta\omega D^+ D^-\Delta^+\bar{\Delta}^{++})$	22917	22567	1	29611
22919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^+ D^- a_1^-)$	22918	22568	1	29612
22920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0\bar{K}^* K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^- K^0\bar{K}^* K^- D^{*+}\bar{D}^{*-})$	22919	22569	1	29613
22921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^0 D^+ D^+\bar{D}^{*0})$	22920	22570	1	29614
22922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0 D^{*+} D_s^-$ $(e^+e^- \to \rho^0\pi^+ D^{*+} D_s^- n\bar{\Sigma}_c^{*-})$	22921	22571	1	29615
22923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\pi^-\rho^+ K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\omega\omega K^{*+} D^{*+}\bar{D}^{*0})$	22922	22572	1	29616
22924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to \rho^-\bar{D}^{*-} D_s^{*+} D_1^+)$	22923	22573	1	29617
22925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+} p\bar{\Sigma}_c^-)$	22924	22574	1	29618
22926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	22925	22575	1	29619
22927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-} D_s^{*-})$	22926	22576	1	29620
22928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta\omega K^+ D^{*+}\bar{D}^0)$	22927	22577	1	29621
22929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0 K^{*+} D^-\bar{D}^{*-})$	22928	22578	1	29622
22930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \omega K^- D^0\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\eta\omega K^-\bar{D}^{*-} D^0\bar{n}p)$	22929	22579	1	29623
22931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^-\eta K^+ K^{*-} D^+$ $(e^+e^- \to \pi^-\eta K^+ K^{*-} D^+ D^- D_s^+)$	22930	22580	1	29624
22932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\rho^+ D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	22931	22581	1	29625
22933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ K^0\bar{D}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ K^0 K^- D^{*+}\bar{D}^0\bar{D}^{*0})$	22932	22582	1	29626

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^0 K^* K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^0 K^* K^{*-} D^0\bar{D}^0)$	22933	22583	1	29627
22935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^-\bar{D}^0 D_s^+, B^0 \to \pi^0\rho^0 K^+ K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^- K^+ K^-\bar{D}^0\bar{D}^{*0} D_s^+)$	22934	22584	1	29628
22936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \eta\bar{K}^0 D^{*0}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0)$	22935	22585	1	29629
22937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ K^+ D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+ K^+ D^- D^0 D_s^-)$	22936	22586	1	29630
22938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+, \bar{B}^0 \to \pi^0 K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^0 K^- D^+ D^{*+})$	22937	22587	1	29631
22939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-} D_s^- D_1^+)$	22938	22588	1	29632
22940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^+\pi^- D^0)$	22939	22589	1	29633
22941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\bar{K}^0 K^+ D^+ D^-)$	22940	22590	1	29634
22942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \omega\bar{K}^* J/\psi$ $(e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^* J/\psi D_1^-)$	22941	22591	1	29635
22943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-} a_1^+)$	22942	22592	1	29636
22944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\omega\bar{K}^0 D^+ D^-\bar{D}^{*-})$	22943	22593	1	29637
22945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^- K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\eta K^+ D^{*+}\bar{D}^{*-} D^0)$	22944	22594	1	29638
22946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0 K^- K^{*+} D^+ D^-\bar{D}^{*0})$	22945	22595	1	29639
22947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^0\bar{D}^0)$	22946	22596	1	29640
22948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-} D^0\bar{D}^0)$	22947	22597	1	29641
22949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^- D^+ D_0^{*-})$	22948	22598	1	29642
22950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0 D^{*+} D^{*+}\bar{D}^{*-})$	22949	22599	1	29643

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^-)$	22950	22600	1	29644
22952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\bar{K}^0K^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-}D^0D^0)$	22951	22601	1	29645
22953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}D^0)$	22952	22602	1	29646
22954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-K^0D^{*+}\bar{D}^{*0})$	22953	22603	1	29647
22955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}\bar{n}\Sigma_c^+)$	22954	22604	1	29648
22956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Sigma^{*0}\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}^0K^{*+}D^0D_s^-$ $(e^+e^- \to \bar{K}^0K^*K^{*+}D^0D_s^-\Sigma^{*0}\bar{\Sigma}_c^{*0})$	22955	22605	1	29649
22957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\bar{D}^{*-}D_1^+\gamma)$	22956	22606	1	29650
22958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+D^-D_s^-)$	22957	22607	1	29651
22959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^0D^+D^-D^{*+})$	22958	22608	1	29652
22960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^-\chi_{c0})$	22959	22609	1	29653
22961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Sigma}^{*+}\Lambda, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^-\bar{\Sigma}^{*+}\Lambda)$	22960	22610	1	29654
22962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^-)$	22961	4643	1	29655
22963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	22962	22611	1	29656
22964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^+D^-D^{*+})$	22963	22612	1	29657
22965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\bar{K}^0D^{*+}J/\psi)$	22964	22613	1	29658
22966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta K^*K^-D^{*+}\bar{D}^{*-})$	22965	22614	1	29659
22967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^{*-})$	22966	22615	1	29660

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}D_1'^+)$	22967	22616	1	29661
22969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^{*0}\Delta^+\bar{\Sigma}_c^-)$	22968	22617	1	29662
22970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^0)$	22969	22618	1	29663
22971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_{s1}'^-)$	22970	22619	1	29664
22972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\chi_{c1}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K_LK^-D^{*+}\bar{D}^{*0}\chi_{c1})$	22971	22620	1	29665
22973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^0\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	22972	22621	1	29666
22974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D_s^{*+}\bar{p}\Lambda_c^+\gamma)$	22973	22622	1	29667
22975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, B^0 \to \eta\omega K^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta\omega K^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	22974	22623	1	29668
22976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega K^0D^+D^-D^{*+})$	22975	22624	1	29669
22977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^+\bar{K}^0K^*D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0K^*D^-D^-)$	22976	22625	1	29670
22978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega\omega\eta' D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega\omega\omega\eta' D^+D^{*+})$	22977	22626	1	29671
22979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-K^0\bar{K}^0K^+D^{*+}\bar{D}^0)$	22978	22627	1	29672
22980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-}D^{*0})$	22979	22628	1	29673
22981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta' D^-, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^+\eta' D^+D^-n\bar{p})$	22980	22629	1	29674
22982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-D^+\Sigma^-\bar{\Xi}^{*+}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*D^+D^+\bar{D}^{*-}\Sigma^-\bar{\Xi}^{*+})$	22981	22630	1	29675
22983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^-D^{*+}, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}D^0)$	22982	22631	1	29676
22984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-\gamma, \bar{B}^0 \to \rho^0\bar{K}^*J/\psi$ $(e^+e^- \to \rho^0\rho^+\eta\bar{K}^*D^-J/\psi\gamma)$	22983	22632	1	29677

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
22985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ J/\psi, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- K^+ D^{*+} J/\psi)$	22984	22633	1	29678
22986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \omega K^* D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+ D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\omega K^* D^+ D^-)$	22985	22634	1	29679
22987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^+ \omega K^- J/\psi$ $(e^+e^- \to \pi^0\rho^+\omega K^* K^- D^+ \bar{D}^{*-} J/\psi)$	22986	22635	1	29680
22988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^- \bar{K}^* D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^- \bar{K}^* \bar{D}^{*-} D_s^+ D_s^{*+})$	22987	22636	1	29681
22989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^- \eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^+ D^{*+} D^{*+} \bar{D}^{*-})$	22988	22637	1	29682
22990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^+ \bar{D}^{*-} n\bar{p})$	22989	22638	1	29683
22991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \eta \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^- \omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega \bar{D}^{*-} D^{*0})$	22990	22639	1	29684
22992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- \omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\omega D^+ \bar{D}^{*-})$	2470	2464	1	29685
22993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^0 D^+ \bar{D}^{*0}, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\pi^- K^0 K^{*-} D^+ D^{*+} \bar{D}^0 \bar{D}^{*0})$	22992	22641	1	29686
22994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n \bar{\Xi}_c^{*-}, \bar{B}^0 \to \omega\bar{n}\Lambda$ $(e^+e^- \to \pi^+\omega n\bar{n}\Lambda\bar{\Xi}_c^{*-})$	22993	22642	1	29687
22995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} \bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^0 D^0$ $(e^+e^- \to \rho^0\pi^- K^{*+} D^0 \bar{D}^0 D^{*0})$	22994	22643	1	29688
22996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^- K^* D^{*+} \bar{D}^0, B^0 \to \pi^0\pi^+ K^0 K^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0 K^0 K^* D^{*+} \bar{D}^0 D_s^{*-})$	22995	22644	1	29689
22997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^+\bar{D}^0\Delta^-\bar{n}\Delta^0\bar{\Delta}^0)$	2471	2465	1	29690
22998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^0 D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta K^0 D^+ \bar{n}\Lambda_c^+)$	22997	22646	1	29691
22999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega K^{*-} n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^{*-} \bar{D}^{*-} n\bar{n})$	22998	22647	1	29692
23000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^- D_s^{*+} D_1^+)$	22999	22648	1	29693
23001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^- D^-, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^- K^{*-} D^- D^{*+} \bar{D}^{*0})$	2472	2466	1	29694

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta\eta D^+\bar{D}^{*-})$	23001	22650	1	29695
23003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+)$	23002	22651	1	29696
23004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^0D^0$ $(e^+e^- \to K^0D^-D^0D_s^{*+})$	23003	22652	1	29697
23005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0\bar{K}^0K^+K^-D^-D^{*+})$	23004	22653	1	29698
23006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+D^-D^{*+})$	23005	22654	1	29699
23007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to e^+\nu_eD_1^-$ $(e^+e^- \to e^+\nu_eD^-D_s^{*+}D_1^-)$	23006	22655	1	29700
23008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^-D^{*+}D_s^+)$	23007	22656	1	29701
23009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}D_s^+\bar{\Delta}^-\Delta^-)$	23008	22657	1	29702
23010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-K^{*+}D^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	23009	22658	1	29703
23011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\rho^+D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+D^+D^-D_s^-)$	23010	22659	1	29704
23012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	23011	22660	1	29705
23013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}D^{*+}D_s^{*-}n\bar{n})$	23012	22661	1	29706
23014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+\gamma, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^-D_{s1}^+\gamma)$	23013	22662	1	29707
23015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\bar{K}^0K^+D^+D^-)$	23014	22663	1	29708
23016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-K^{*+}D^{*+}D^{*+}\bar{D}^{*0})$	23015	22664	1	29709
23017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega K^-D^+D^-D_s^+)$	23016	22665	1	29710
23018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	23017	19140	1	29711

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^- D^{*+})$	23018	22666	1	29712
23020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^0\bar{D}^0, \bar{B}^0 \to \pi^0\eta\eta K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\eta K^0 K^+ K^- D^{*+} D^0\bar{D}^0)$	23019	22667	1	29713
23021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta K^* K^- D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^* K^- K^{*+} D^+ D^- D^{*0})$	23020	22668	1	29714
23022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0 D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\bar{D}^{*-} D^{*0})$	23021	22669	1	29715
23023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^+ K^{*-} D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+ K^+ K^{*-} D^+ D^-)$	23022	22670	1	29716
23024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+ p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^- D^+ D^- D_s^+ p\bar{p})$	23023	22671	1	29717
23025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^- K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^- K^{*+} D^+\bar{D}^{*0})$	23024	22672	1	29718
23026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \omega\omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\omega D^+\bar{p}\Lambda_c^+)$	23025	22673	1	29719
23027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to D^{*+} D_s^+ a_1^- D_1'^-)$	23026	22674	1	29720
23028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\eta K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^0 K^- D^+ D^-)$	23027	22675	1	29721
23029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^+, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \phi D^- D^{*+} D_s^+ a_1^-)$	23028	22676	1	29722
23030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta\bar{K}^* D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^* D^- D^0 D_s^+)$	23029	22677	1	29723
23031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^-\bar{D}^0 D_s^- D_s^{*+} D_1^+)$	23030	22678	1	29724
23032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0 K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-\bar{K}^0 K^+ D^+ D^-)$	23031	22679	1	29725
23033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\omega D^+\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\omega D^+ D^{*+} D_s^{*-}\Lambda\bar{\Sigma}^-)$	23032	22680	1	29726
23034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\phi J/\psi, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to K^*\phi D^{*+} J/\psi a_1^-)$	23033	22681	1	29727
23035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\rho^+\rho^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\rho^- D^- D^{*0})$	23034	22682	1	29728

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0 D^0$ $(e^+e^- \to \rho^0\bar{D}^{*-}D^0a_1^+)$	23035	22683	1	29729
23037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{n}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^0 n\bar{n})$	23036	22684	1	29730
23038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^*\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta K^* D^+\bar{D}^0 D^{*0})$	23037	22685	1	29731
23039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+ K^- D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+ K^- D^+ D^-\bar{D}^{*-})$	23038	22686	1	29732
23040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0})$	23039	22687	1	29733
23041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0 K^0\bar{K}^0 K^{*-}\bar{D}^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^+\eta K^0 K^0\bar{K}^0 K^{*-}\bar{D}^{*0}D_s^{*-}D_1^+)$	23040	22688	1	29734
23042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	23041	22689	1	29735
23043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^*\psi'$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^*\bar{D}^{*-}\psi')$	23042	22690	1	29736
23044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+ D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^- D^+ D^{*+}\bar{D}^{*-})$	23043	22691	1	29737
23045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\omega D^+, \bar{B}^0 \to \pi^-\eta\omega K^+ K^{*-} D^+$ $(e^+e^- \to \pi^-\pi^-\eta\omega\omega\omega K^+ K^{*-} D^+ D^+)$	23044	22692	1	29738
23046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\bar{K}^0 K^+ D^+\bar{D}^{*-}D_s^-)$	23045	22693	1	29739
23047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_0^{*+}D_1^-)$	23046	22694	1	29740
23048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^+\bar{D}^{*-}\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Lambda}\Sigma^0 D_{s1}'^+)$	23047	22695	1	29741
23049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\bar{D}^{*-}D_2^{*+}D^{*0}D_s^{*-})$	23048	22696	1	29742
23050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta D^- D_s^+, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \eta\eta D^+ D^- D_s^+ n\bar{p})$	23049	22697	1	29743
23051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\eta\omega D_2^{*-}D^{*0})$	23050	22698	1	29744
23052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^-\bar{\Delta}^+\Sigma_c^{*++})$	23051	22699	1	29745

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^0\bar{K}^0K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	23052	22700	1	29746
23054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^+\rho^-\rho^-\eta$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta\bar{D}^{*0})$	2473	2467	1	29747
23055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^+\bar{D}^{*-}n\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{\Delta}^+)$	23054	22702	1	29748
23056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+K^0D^+D^-)$	23055	22703	1	29749
23057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\eta D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-D^{*+}\Delta^-\bar{n})$	2474	2468	1	29750
23058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^+\pi^-D^+D^-$ $(e^+e^- \to \pi^+\pi^-K^0D^+D^-\eta_c)$	23057	22705	1	29751
23059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega D^-D^{*+})$	23058	22706	1	29752
23060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to D^-D_s^{*-}D_1'^+D_{s1}'^+)$	23059	22707	1	29753
23061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\bar{K}^0D^0\bar{D}^{*0}\bar{D}^{*0})$	23060	22708	1	29754
23062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^*K^{*+}D^-D^{*+})$	23061	22709	1	29755
23063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\eta\omega K^+D^{*+}\bar{D}^{*0})$	23062	22710	1	29756
23064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	23063	22711	1	29757
23065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0D^+D^-)$	23064	22712	1	29758
23066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-D^{*+}D^{*+}D_{s1}'^-)$	23065	22713	1	29759
23067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \omega\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\omega\omega\omega K^0K^{*-}D^-D^{*+})$	23066	22714	1	29760
23068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D_s^+D_s^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-K^{*+}D^+D_s^+D_s^{*-}a_1^-)$	23067	22715	1	29761
23069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta'D^+\bar{D}^{*-}D_s^{*+})$	23068	22716	1	29762

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0 D^{*+}D_s^{*-}\bar{n}\Xi_c'^0)$	23069	22717	1	29763
23071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	23070	22718	1	29764
23072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega D^+\bar{D}^{*-})$	23071	22719	1	29765
23073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	23072	2011	1	29766
23074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*-}D^+\bar{D}^0\bar{D}^{*0})$	23073	22720	1	29767
23075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	23074	22721	1	29768
23076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_{s1}^+\gamma)$	23075	22722	1	29769
23077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^0\bar{K}^0D^{*+}D_s^{*-}$ $(e^+e^- \to K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-})$	23076	22723	1	29770
23078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*0}\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*0}D_s^{*+}\bar{n}p)$	23077	22724	1	29771
23079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{\Delta}^0\Sigma_c^0)$	23078	22725	1	29772
23080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^+D^{*+}D_s^{*-})$	23079	22726	1	29773
23081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	23080	22727	1	29774
23082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+K^-K^{*+}D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^0K^+K^-K^{*+}D^{*+}D^{*+})$	23081	22728	1	29775
23083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^0\pi^+\pi^+\rho^-\omega D^-)$	23082	22729	1	29776
23084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to K^*D^+\bar{D}^{*-}\bar{X}_{sd}\gamma)$	23083	22730	1	29777
23085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega\bar{D}^{*-}D_1'^+)$	23084	22731	1	29778
23086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^+D^-)$	23085	19296	1	29779

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-})$	23086	22732	1	29780
23088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^+\bar{D}^{*-})$	23087	22733	1	29781
23089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^+)$	23088	22734	1	29782
23090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}D_s^-)$	23089	22735	1	29783
23091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*-})$	23090	22736	1	29784
23092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^+D^-)$	23091	22737	1	29785
23093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to \rho^+K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	23092	22738	1	29786
23094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+D^-, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-\bar{D}^0D_s^{*+})$	23093	22739	1	29787
23095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	23094	22740	1	29788
23096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	23095	22741	1	29789
23097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-\bar{\Delta}^0p, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+}\bar{\Delta}^0p)$	23096	22742	1	29790
23098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\omega K^0\bar{K}^0D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\omega\omega\omega K^0\bar{K}^0D^-\bar{D}^{*-})$	23097	22743	1	29791
23099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^-D^-D^{*+}\bar{D}^{*0}D_s^+)$	23098	22744	1	29792
23100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	23099	22745	1	29793
23101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	23100	22746	1	29794
23102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	23101	22747	1	29795
23103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to \pi^+K^0K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta K^0K^-\bar{D}^0D^{*0})$	23102	22748	1	29796

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\psi', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 D^{*+}\psi')$	23103	22749	1	29797
23105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^*K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta\bar{K}^0K^*K^*D^{*+}\bar{D}^{*0})$	23104	22750	1	29798
23106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-\omega K^0D^{*+}\bar{D}^0)$	23105	22751	1	29799
23107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0K^{*-}\bar{n}p$ $(e^+e^- \to \rho^0K^{*-}D_2^{*-}D_s^+\bar{n}p)$	23106	22752	1	29800
23108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_LJ/\psi, \bar{B}^0 \to \pi^0\rho^+\rho^-K^-D_s^+$ $(e^+e^- \to \pi^0K_L\rho^+\rho^-K^-D_s^+J/\psi)$	23107	22753	1	29801
23109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	23108	22754	1	29802
23110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\bar{D}^{*-}D_1'^+)$	23109	22755	1	29803
23111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^+\bar{\Sigma}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}D_s^{*-}D_s^{*-}\Delta^+\bar{\Sigma}^{*0})$	23110	22756	1	29804
23112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\eta K^0K^-D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\eta K^0\bar{K}^0K^-D^+D^-\bar{D}^{*-})$	23111	22757	1	29805
23113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to D^+J/\psi K_1^0D_{s0}^{*-})$	23112	22758	1	29806
23114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \omega\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \omega\bar{K}^0\bar{D}^0D^{*0}J/\psi K_1^0)$	23113	22759	1	29807
23115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\rho^-\eta\eta\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\eta\omega\eta' D^-D^{*+})$	23114	22760	1	29808
23116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	23115	22761	1	29809
23117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\chi_{c1}, \bar{B}^0 \to \eta\bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to K_L\eta\bar{K}^0D_s^{*+}D_s^{*-}\chi_{c1})$	23116	22762	1	29810
23118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*-}D_1^+)$	23117	22763	1	29811
23119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\Sigma^-\bar{\Xi}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+D_2^{*+}\Sigma^-\bar{\Xi}_c^0)$	23118	22764	1	29812
23120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^-K^{*+}D^+\bar{D}^{*-}D^0\bar{D}^{*0})$	23119	22765	1	29813

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 D^+\chi_{c1})$	23120	22766	1	29814
23122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^- D^+ D^-)$	2475	2469	1	29815
23123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ D^+ D^0 D_s^{*-})$	23122	22768	1	29816
23124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0 D^+ D^{*+}\bar{D}^{*-})$	23123	22769	1	29817
23125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^- D^{*+}\bar{D}^0 D_s^{*+})$	23124	22770	1	29818
23126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^0 K^*\phi D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^0 K^*\phi D^{*+}\bar{D}^{*-})$	23125	22771	1	29819
23127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ K^0\bar{K}^0 D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\pi^-\rho^+ K^0\bar{K}^0 D^+ D^{*+})$	23126	22772	1	29820
23128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^- K^+ D^+\bar{D}^{*-} D^{*0})$	23127	22773	1	29821
23129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^* D^+)$	23128	22774	1	29822
23130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\omega K^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\omega K^-\bar{D}^{*-})$	23129	22775	1	29823
23131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^0\omega D^{*+}\bar{D}^0 D_s^{*-})$	23130	22776	1	29824
23132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^- K^+ D^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^- K^+ D^+ D^{*0}\bar{D}^{*0})$	23131	22777	1	29825
23133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \pi^0\rho^0\omega$ $(e^+e^- \to \pi^0\rho^0\omega D_s^{*+} D_1^-)$	23132	22778	1	29826
23134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \rho^0\pi^-\rho^+\eta K^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta K^- D^+\bar{D}^{*-} a_1^+)$	23133	22779	1	29827
23135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^0 K^- D^+\bar{D}^{*-})$	23134	12901	1	29828
23136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta'\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta' D^{*+}\bar{D}^{*0})$	23135	22780	1	29829
23137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to \bar{K}^*\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\bar{K}^0\bar{K}^* K^+ D^-\bar{p}\Lambda_c^+)$	23136	22781	1	29830

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 J/\psi$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0 D^{*+} J/\psi)$	23137	22782	1	29831
23139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \phi D^{*+} D_s^-$ $(e^+e^- \to e^+\nu_e X_u^- \phi D^{*+} D_s^-)$	23138	22783	1	29832
23140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- K^{*+} D^+ D^- D^0 D_s^{*-})$	2476	2470	1	29833
23141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\bar{D}^{*-} D_1'^+)$	23140	22785	1	29834
23142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-} D_s^{*+}\gamma)$	23141	22786	1	29835
23143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	2477	2471	1	29836
23144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \bar{K}^0 D^{*+}\Delta^-\bar{\Sigma}^0$ $(e^+e^- \to \bar{K}^0 D^{*+}\bar{D}^{*-}\Delta^-\bar{\Sigma}^0 a_1^+)$	23143	22788	1	29837
23145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	23144	22789	1	29838
23146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^0 K^* D^+ D^-$ $(e^+e^- \to \pi^0 K^* D^+ D^-\bar{D}^{*-} a_1^+)$	23145	22790	1	29839
23147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^{*+}\bar{D}^0)$	23146	22791	1	29840
23148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta D^{*+}\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda})$	23147	22792	1	29841
23149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^- K^{*+} D^+\bar{D}^{*0})$	23148	22793	1	29842
23150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^0\bar{K}^0 D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-} n\bar{n})$	23149	22794	1	29843
23151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-} D_1^+)$	23150	22795	1	29844
23152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^+\pi^- K^* K^- D^{*+}$ $(e^+e^- \to \pi^+\pi^- K^* K^- K^{*+} D^{*+}\bar{D}^{*-} D^0)$	23151	22796	1	29845
23153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^+)$	23152	22797	1	29846
23154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0\bar{K}^0 K^+\eta'$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0\bar{K}^0 K^+ K^+\eta' D^- D^{*0})$	23153	22798	1	29847

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}\Delta^+, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to D^- D_s^- \bar{n}\Delta^+ D_1^+)$	23154	22799	1	29848
23156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^* D^+ D^-)$	23155	22800	1	29849
23157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\bar{K}^* K^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega\bar{K}^* K^+ D^+\bar{D}^0)$	23156	22801	1	29850
23158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta' D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	23157	22802	1	29851
23159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\eta_c, \bar{B}^0 \to \pi^0\pi^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\eta\omega K^- D^+\eta_c)$	23158	22803	1	29852
23160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^+ K^-\eta_c$ $(e^+e^- \to \rho^0\pi^+ K^-\eta'\bar{D}^{*0}\eta_c)$	23159	22804	1	29853
23161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\eta\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\eta\eta\bar{D}^{*-} D^{*0})$	23160	22805	1	29854
23162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\rho^-\bar{n}\Sigma_c^+ D_1'^-)$	23161	22806	1	29855
23163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^+\eta D^-$ $(e^+e^- \to e^+\nu_e\rho^+\eta D^-\bar{D}^{*-})$	23162	12894	1	29856
23164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to \pi^+\pi^- K^* K^{*-} D^+$ $(e^+e^- \to \pi^+\pi^- K^* K^{*+} K^{*-} D^+ D^- D^0)$	23163	22807	1	29857
23165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to D^- a_1^+\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-} a_1^+\gamma)$	23164	22808	1	29858
23166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 D^- D_s^{*+}, B^0 \to \bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to \pi^0 D^-\bar{D}^{*-} D_s^{*+}\bar{\Sigma}^0\Sigma^+)$	23165	22809	1	29859
23167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+} D_1^+)$	23166	22810	1	29860
23168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^- D_2^{*+} D_s^{*-})$	23167	22811	1	29861
23169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^- K^0 D^{*+}\bar{D}^0 D^{*0})$	23168	22812	1	29862
23170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^- D_2^{*+})$	23169	22813	1	29863
23171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\bar{D}^{*-} D_1^+)$	23170	22814	1	29864

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+D^-D^0D_s^{*-}\bar{\Delta}^-\Delta^-)$	23171	22815	1	29865
23173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^0D^+D^{*+}\bar{D}^{*-})$	23172	22816	1	29866
23174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	23173	22817	1	29867
23175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c1}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0K^0\bar{K}^0D^+\bar{D}^{*-}\chi_{c1})$	23174	22818	1	29868
23176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^+D^-D^{*+}D^{*0})$	23175	22819	1	29869
23177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta\eta\bar{D}^{*-}D^0)$	23176	22820	1	29870
23178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^{*+}\Delta^-\bar{n}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-D^+D^{*+}D_s^-\Delta^-\bar{n})$	23177	22821	1	29871
23179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^-D^{*+}D^0\bar{D}^{*0})$	23178	22822	1	29872
23180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	23179	22823	1	29873
23181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-\rho^-D^-\bar{\Delta}^0\Sigma_c^{*+})$	23180	22824	1	29874
23182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-K^*\bar{K}^*\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^*\bar{K}^*D^-\bar{D}^0D_s^+)$	23181	22825	1	29875
23183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}D_1^+)$	23182	22826	1	29876
23184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-})$	23183	22827	1	29877
23185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Lambda\bar{\Sigma}^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+D^{*+}\Lambda\bar{\Sigma}^-)$	23184	22828	1	29878
23186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}\bar{D}^{*-}a_1^+)$	23185	22829	1	29879
23187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^+\Delta^+\bar{\Sigma}_c^{*0})$	23186	22830	1	29880
23188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\omega\bar{D}^{*-}D_1^-)$	23187	22831	1	29881

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta\omega D^+D^-)$	23188	22832	1	29882
23190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*J/\psi, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*0}J/\psi)$	23189	22833	1	29883
23191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^{*+}D_s^+D_s^{*-})$	23190	22834	1	29884
23192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\Lambda\bar{\Xi}_c^{\prime 0})$	23191	22835	1	29885
23193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^{*+}D_{s1}^{\prime -}$ $(e^+e^- \to D^{*+}J/\psi K_1^0D_{s1}^{\prime -})$	23192	22836	1	29886
23194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\bar{K}^*D^+\bar{D}^{*-})$	23193	22837	1	29887
23195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	23194	22838	1	29888
23196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	23195	22839	1	29889
23197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\eta'D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\omega\bar{K}^0\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega K^0\bar{K}^0\eta'D^-\Delta^+\bar{\Delta}^{++})$	23196	22840	1	29890
23198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-})$	23197	7095	1	29891
23199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\bar{K}^0D_s^{*+}D_0^{*+})$	23198	22841	1	29892
23200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\omega D^-\bar{D}^{*-})$	23199	22842	1	29893
23201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta K^0\bar{K}^0D^-D^{*+})$	23200	22843	1	29894
23202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-D^+D^-)$	23201	22844	1	29895
23203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^-K^+D^+D^-, B^0 \to \rho^0\pi^+\pi^-K^*K^-K^{*+}\phi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^*K^+K^-K^{*+}\phi D^+D^-)$	23202	22845	1	29896
23204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{K}^0K^*D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0\bar{K}^0\bar{K}^0K^*D^-D^{*+})$	23203	22846	1	29897
23205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^-\psi')$	23204	22847	1	29898

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ \chi_{c0}, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \pi^- K^+ D^+ \chi_{c0})$	23205	22848	1	29899
23207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 K^* \bar{K}^*, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^- \eta K^0 K^* \bar{K}^* D^{*+})$	23206	22849	1	29900
23208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^- n, \bar{B}^0 \to D^+ D'^-_{s1}$ $(e^+e^- \to D^+ \bar{D}^{*-} \bar{\Delta}^- n D'^-_{s1})$	23207	22850	1	29901
23209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 \bar{K}^0 D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^0 \bar{K}^0 D^- D^{*+})$	23208	22851	1	29902
23210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+ D^- \Delta^- \bar{n}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^- D^{*+} \Delta^- \bar{n})$	23209	22852	1	29903
23211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^- \bar{D}^{*-}, \bar{B}^0 \to \eta D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^- \eta D^+ \bar{D}^{*-} D_s^{*-})$	23210	22853	1	29904
23212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega K^- D^- D^{*+} \bar{D}^{*0})$	23211	22854	1	29905
23213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+ \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D^+$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0\pi^0\pi^-\rho^+\rho^+ D^+ \bar{D}^{*-})$	23212	22855	1	29906
23214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D^-_{s1}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+ D^+ D^0 D_s^- D^-_{s1})$	23213	22856	1	29907
23215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^- K^0 D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- K^0 D^+ D^{*+})$	23214	22857	1	29908
23216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+ D^-)$	23215	22858	1	29909
23217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\rho^- \eta D^{*+}$ $(e^+e^- \to \pi^0\rho^- \eta D^{*+} J/\psi K_1^0)$	23216	22859	1	29910
23218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e D^- D^{*+} \bar{\Lambda}\Lambda_c^+)$	23217	22860	1	29911
23219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- \bar{K}^0 D^+ D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- \eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^- \eta\omega \bar{K}^0 D^+ D^+ D^-)$	23218	22861	1	29912
23220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^- K^* \bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^- K^* D^+ \bar{D}^0)$	23219	22862	1	29913
23221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0 \bar{K}^* D^+ D^-$ $(e^+e^- \to e^+\nu_e \pi^0 \bar{K}^* D^+ D^- D^-)$	23220	22863	1	29914
23222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^* \bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- K^* D^+ \bar{D}^{*-} D^0)$	23221	22864	1	29915

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	23222	22865	1	29916
23224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+D_1'^-)$	23223	22866	1	29917
23225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta K^*D^{*+}\bar{D}^{*-}D_s^-)$	23224	22867	1	29918
23226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D^0D_s^-)$	23225	22868	1	29919
23227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0)$	2478	2472	1	29920
23228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	23227	22870	1	29921
23229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \rho^+D^-D^{*0}n\bar{\Delta}^0)$	23228	22871	1	29922
23230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	23229	22872	1	29923
23231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}n\bar{p})$	23230	22873	1	29924
23232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}D_s^+)$	23231	22874	1	29925
23233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0p\bar{\Sigma}_c^-, B^0 \to \pi^+\pi^+K^0K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}p\bar{\Sigma}_c^-)$	23232	22875	1	29926
23234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\omega K^-K^{*+}\Delta^0\bar{p}$ $(e^+e^- \to \pi^+\omega K^+K^-K^{*+}D^-D^{*0}\Delta^0\bar{p})$	23233	22876	1	29927
23235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega D^-D^0)$	23234	22877	1	29928
23236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^+D^{*+}\bar{D}^0)$	2479	2473	1	29929
23237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-\omega D^+D^-)$	23236	22879	1	29930
23238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \omega D^0$ $(e^+e^- \to \omega K^0D^-D^{*+}D^0)$	23237	22880	1	29931
23239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\omega K^+D^+D^+\bar{D}^{*0})$	23238	22881	1	29932

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^{*+}\bar{D}^{*-}n\bar{p})$	23239	22882	1	29933
23241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0 K^- D_s^{*+}$ $(e^+e^- \to \pi^0 K^- D_2^{*-} D_s^+ D_s^{*+})$	23240	22883	1	29934
23242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-})$	23241	22884	1	29935
23243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^- D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to e^+\nu_e\pi^- D^{*+}\bar{p}\Delta^+ D_1'^-)$	2480	2474	1	29936
23244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta' D^-, \bar{B}^0 \to \pi^-\eta\eta K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^-\rho^+\eta\eta K^0\bar{K}^*\eta' D^+ D^-)$	23243	22886	1	29937
23245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^- D^{*+}\bar{D}^{*-}\bar{D}^0)$	23244	22887	1	29938
23246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\omega\omega, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega\omega D^{*+}D_{s1}'^-)$	23245	22888	1	29939
23247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\rho^- D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D^{*0}D_s^+)$	23246	22889	1	29940
23248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0 K^0 K^{*-} D^{*+}\bar{D}^{*-}a_1^+)$	23247	22890	1	29941
23249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- K^+ K^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^- K^+ K^- D^+ D^{*+})$	23248	22891	1	29942
23250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to K^0\Lambda\bar{\Sigma}_c^0$ $(e^+e^- \to e^+\nu_e K^0 D_2^{*-}\Lambda\bar{\Sigma}_c^0)$	23249	22892	1	29943
23251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^+ K^{*-}\phi\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+ K^0 K^{*-}\phi D^0\bar{D}^{*0}\bar{D}^{*0})$	23250	22893	1	29944
23252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^+ D^0 D_s^-$ $(e^+e^- \to \rho^+\bar{D}^{*-}D^0 D_s^- a_1^+)$	23251	22894	1	29945
23253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\omega\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^-\omega\bar{K}^0 K^* K^{*+} D^{*+}\bar{D}^{*-}D^0)$	23252	22895	1	29946
23254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^-\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^* D^- D^{*+} a_1^+)$	23253	22896	1	29947
23255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^0 K^- D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\eta\eta K^0 K^- D^+ D^{*+})$	23254	22897	1	29948
23256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^- D^- D^-)$	23255	22898	1	29949

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}n\bar{\Delta}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-K^0D^0\bar{D}^0\bar{D}^{*0}n\bar{\Delta}^0)$	23256	22899	1	29950
23258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \eta\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \eta\eta K^0K^{*-}D^{*+}\bar{D}^{*-}a_1^+\gamma)$	23257	22900	1	29951
23259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}D^+\bar{D}^0D_1^-)$	23258	22901	1	29952
23260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	2481	2475	1	29953
23261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_eK^0K^{*-}D^{*+}D_1^-)$	23260	22903	1	29954
23262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^*D^+\bar{D}^{*-}D^0\bar{D}^{*0})$	23261	22904	1	29955
23263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \eta D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \eta K^0D^{*+}D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	23262	22905	1	29956
23264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0D^-\bar{\Delta}^+\Sigma_c^{*+})$	23263	22906	1	29957
23265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	23264	22907	1	29958
23266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\rho^-\omega K^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega K^+K^-D^{*+}D_1'^-)$	23265	22908	1	29959
23267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^+p\bar{\Lambda}_c^-)$	23266	22909	1	29960
23268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^*\bar{K}^*K^+D^-D^{*0}D^{*0})$	23267	22910	1	29961
23269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-\rho^-K^+D^+)$	23268	22911	1	29962
23270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^0)$	23269	22912	1	29963
23271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^0\bar{D}^0D_s^+)$	23270	22913	1	29964
23272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^0\bar{K}^0\bar{K}^0\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	23271	22914	1	29965
23273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D_s^{*+}\bar{n}\Sigma^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D_2^{*-}D_s^{*+}\bar{n}\Sigma^{*-})$	23272	22915	1	29966

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi D_{s0}^{*+})$	23273	22916	1	29967
23275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^-D^{*+})$	23274	22917	1	29968
23276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*D^+D^-J/\psi)$	23275	22918	1	29969
23277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^-\omega K^-D^{*+}D^{*+}\bar{D}^{*0})$	23276	22919	1	29970
23278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0K^-D^+\bar{D}^{*-}n\bar{n})$	23277	22920	1	29971
23279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-D_2^{*+})$	23278	22921	1	29972
23280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_eD^+D_s^{*-}D_1'^-)$	23279	22922	1	29973
23281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to K^0D^+\bar{p}\Lambda$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^+D^{*+}\bar{p}\Lambda)$	23280	22923	1	29974
23282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-})$	23281	22924	1	29975
23283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^+D^-D_1^+)$	23282	22925	1	29976
23284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0\phi D^+D^-D^{*+})$	23283	22926	1	29977
23285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+, \bar{B}^0 \to \pi^+\pi^+K^-D^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^+K^-D^-)$	23284	22927	1	29978
23286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+n\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+D_2^{*-}n\bar{\Lambda}_c^-)$	23285	22928	1	29979
23287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^-D^+D^{*+})$	23286	22929	1	29980
23288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^+D^-D_{s0}^{*+})$	23287	22930	1	29981
23289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-\eta D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}\gamma)$	23288	22931	1	29982
23290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	23289	22932	1	29983

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}D_2^{*+}D_s^{*-})$	23290	22933	1	29984
23292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^-D^0D_s^{*-}D_{s0}^{*+})$	23291	22934	1	29985
23293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^+D^+\bar{D}^{*-}D^{*0})$	23292	22935	1	29986
23294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^0\pi^0\pi^0D^+D^{*+})$	23293	22936	1	29987
23295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta K^+K^{*-}D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^+K^-K^{*-}D^-D^{*+}\bar{D}^{*0})$	23294	22937	1	29988
23296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^+K^{*-}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-K^+K^{*-}D^{*+}\bar{D}^{*0})$	23295	22938	1	29989
23297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}\bar{\Lambda}\Sigma^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^{*-}\bar{\Lambda}\Sigma^0)$	23296	22939	1	29990
23298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0D^+\bar{D}^{*-})$	23297	22940	1	29991
23299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\bar{\Delta}^0\Sigma_c^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{\Delta}^0\Sigma_c^{*+})$	23298	22941	1	29992
23300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\omega K^*K^-D^+\bar{D}^{*-})$	23299	22942	1	29993
23301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\bar{K}^0K^+K^{*-}D^-\eta_c)$	23300	22943	1	29994
23302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-\bar{n}p)$	23301	22944	1	29995
23303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^-D^{*+}\gamma)$	23302	22945	1	29996
23304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}p\bar{\Lambda}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0\gamma$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0p\bar{\Lambda}\gamma)$	23303	22946	1	29997
23305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-K^0D^+\bar{D}^{*0})$	23304	22947	1	29998
23306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \omega\omega D^0$ $(e^+e^- \to \omega\omega\bar{D}^{*-}D^0a_1^+)$	23305	22948	1	29999
23307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to \omega\bar{n}\Xi_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega D^-n\bar{n}\bar{p}\Xi_c^{*0})$	23306	22949	1	30000

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+K^+, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^*K^+D^+)$	23307	22950	1	30001
23309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}\bar{D}^{*0})$	23308	22951	1	30002
23310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega\omega D^+D^-)$	23309	22952	1	30003
23311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+D_2^{*-}D_s^{*+}\bar{p}\Sigma_c^{*0})$	23310	22953	1	30004
23312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+D^{*+}D_s^{*-})$	23311	22954	1	30005
23313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\eta\bar{K}^0D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0\eta'D^-D^-)$	23312	22955	1	30006
23314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0D^+D^-, \bar{B}^0 \to \pi^0\pi^+K^0\bar{K}^*K^-\eta'D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+K^0\bar{K}^*K^-\eta'D^+D^-D^0)$	23313	22956	1	30007
23315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-})$	23314	22957	1	30008
23316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0K^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+K^+K^{*-}D^{*+}\bar{D}^{*-})$	23315	22958	1	30009
23317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega D^+D^-)$	23316	22959	1	30010
23318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^-\rho^-K^+D^-D^{*+}D_1'^+)$	23317	22960	1	30011
23319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	23318	22961	1	30012
23320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^{*-}D^+D^{*+}\bar{D}^{*0})$	23319	22962	1	30013
23321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-K^0K^{*-}D^+D^{*+}\bar{D}^0\bar{D}^0)$	23320	22963	1	30014
23322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0D^+D^-\Delta^+\bar{\Sigma}_c^{*--})$	23321	22964	1	30015
23323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta'D^{*+}\bar{D}^{*-}D_s^{*-})$	23322	22965	1	30016
23324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta'D^+$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega\eta'D^+\bar{D}^{*-})$	23323	22966	1	30017

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+K^+K^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\rho^+\rho^+K^+K^-D^-D^{*+})$	2482	2476	1	30018
23326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*0})$	23325	22968	1	30019
23327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0D^+\bar{D}^0D^{*0}D_s^{*-})$	23326	22969	1	30020
23328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to K^0K^+D^-D^-D^{*+}D^{*0})$	23327	22970	1	30021
23329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D_2^{*+}D^0\bar{D}^0)$	23328	22971	1	30022
23330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\omega K^0\bar{K}^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0K^-D^+D^{*+})$	23329	22972	1	30023
23331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^+D^-D^{*+})$	23330	22973	1	30024
23332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1^-, B^0 \to \pi^0\rho^0\pi^+\pi^-K^{*+}D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^{*+}D^-D_s^+D_1^-)$	23331	22974	1	30025
23333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^-D^-D^0\bar{D}^{*0}\bar{n}p)$	23332	22975	1	30026
23334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi(3770)$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\psi(3770))$	23333	22976	1	30027
23335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-\omega D^+D^+)$	23334	22977	1	30028
23336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+K^0K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^0K^-D^0\bar{D}^0)$	23335	22978	1	30029
23337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to K^{*-}D^+$ $(e^+e^- \to \pi^+\omega K^{*-}D^+D^-)$	23336	22979	1	30030
23338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\omega\omega D^+\bar{D}^{*-}D_s^-)$	23337	22980	1	30031
23339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\omega D^+D^-)$	23338	22981	1	30032
23340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D_1'^+)$	23339	22982	1	30033
23341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*\bar{n}pp\bar{p}, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^-K^*D^+\bar{n}\Delta^0pp\bar{p}\bar{p})$	23340	22983	1	30034

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}\gamma)$	23341	22984	1	30035
23343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Lambda}_c^-)$	23342	22985	1	30036
23344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+D^-D^{*+}\Delta^0\bar{\Delta}^0)$	23343	22986	1	30037
23345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \pi^0\pi^0\rho^-K^+K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^-K^+K^-D^+)$	23344	22987	1	30038
23346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, B^0 \to \rho^+\eta K^{*+}K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^0)$	23345	22988	1	30039
23347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*D^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^+D^{*+}p\bar{\Delta}^{++})$	23346	22989	1	30040
23348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	23347	22990	1	30041
23349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}D_s^{*+}\gamma)$	23348	22991	1	30042
23350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^-D^+D^{*0})$	23349	22992	1	30043
23351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \rho^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta K^0K^-D^-D^{*+})$	23350	22993	1	30044
23352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0p\bar{p}, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \rho^+\rho^-K^+K^-\bar{D}^0\eta_cp\bar{p})$	23351	22994	1	30045
23353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+K^+K^{*-}D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \bar{K}^*K^+K^+K^{*-}D^-D^{*+}D_{s1}'^-)$	23352	22995	1	30046
23354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0D^+\bar{D}^{*-}n\bar{p})$	23353	22996	1	30047
23355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{D}^{*-}D_s^+, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_s^+)$	23354	22997	1	30048
23356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta\eta\bar{K}^*D^+D^0\bar{D}^{*0})$	23355	22998	1	30049
23357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^-\rho^+D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^{*+}D^+\bar{D}^{*-}n\bar{\Delta}^{++}\gamma)$	23356	22999	1	30050
23358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^*D^+D_s^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^*D^+D^{*0}D_s^-)$	23357	23000	1	30051

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \eta K^0 K^- D^+$ $(e^+e^- \to \eta K^0 K^- D^+ \bar{D}^{*-} D_{s1}'^{+})$	23358	23001	1	30052
23360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^+ D^{*+}\bar{D}^{*-}D^{*0})$	23359	23002	1	30053
23361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^- K^- D^{*+}\bar{D}^{*0} p\bar{\Sigma}_c^0)$	23360	23003	1	30054
23362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^{-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} D_s^+ D_1'^{-})$	23361	23004	1	30055
23363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^0)$	23362	23005	1	30056
23364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \pi^+K_2^{*0}K^+K^-\bar{D}^{*-}J/\psi)$	23363	23006	1	30057
23365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0 K^* D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\bar{K}^0 K^* K^- D^- D^{*+}\bar{D}^0)$	23364	23007	1	30058
23366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta K^+ D^- D^{*+} D^{*0})$	23365	23008	1	30059
23367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0 K^*\bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ K^*\bar{K}^* K^- D^{*+}\bar{D}^{*-})$	23366	23009	1	30060
23368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^*\bar{K}^*\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+ K^*\bar{K}^* D^+\bar{D}^0)$	23367	23010	1	30061
23369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\bar{D}^{*-}D_s^+\bar{\Delta}^+\Sigma_c^{*+})$	23368	23011	1	30062
23370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \bar{D}^{*-}D_{s1}'^{+}$ $(e^+e^- \to D^-\bar{D}^{*-}D_s^{*+}D_{s1}'^{+})$	23369	23012	1	30063
23371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+\bar{D}^0\Delta^0\bar{\Delta}^0 a_1^-)$	23370	23013	1	30064
23372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^+D^{*+}D^0\bar{D}^{*0})$	23371	23014	1	30065
23373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta\bar{D}^{*-}D^0)$	23372	23015	1	30066
23374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0}p\bar{p})$	2483	2477	1	30067
23375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^+ p\bar{\Lambda}_c^-)$	23374	23017	1	30068

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}n\bar{n})$	23375	23018	1	30069
23377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^*K^-K^{*+}$ $(e^+e^- \to \pi^0\pi^0K^*\bar{K}^*K^-K^{*+}\bar{D}^0D^{*0})$	23376	23019	1	30070
23378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0)$	23377	23020	1	30071
23379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^-\eta K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta K^+K^-D^+D^-)$	23378	23021	1	30072
23380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^-D^+D^+D_s^-)$	23379	23022	1	30073
23381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\eta D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	23380	23023	1	30074
23382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*0})$	23381	23024	1	30075
23383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^*\eta_c)$	23382	23025	1	30076
23384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}', \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^0\pi^-\rho^+D^+\bar{\Sigma}^+\Sigma^-D_{s1}')$	23383	23026	1	30077
23385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^+D^{*+}\bar{D}^{*0})$	23384	12791	1	30078
23386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \omega\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega D^-D^0)$	23385	23027	1	30079
23387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^*D^+D^-D^{*+})$	23386	23028	1	30080
23388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^+D^-D^{*0}D_s^-)$	23387	23029	1	30081
23389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0)$	23388	23030	1	30082
23390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^+K^0\bar{K}^0D^-D^{*0}n\bar{\Delta}^0)$	23389	23031	1	30083
23391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-K^{*-}D^+D^-\bar{D}^0)$	2484	2478	1	30084
23392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \tau^+\nu_\tau D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^+D^-D^-)$	23391	23033	1	30085

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}a_1^+)$	23392	23034	1	30086
23394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+D^-\bar{D}^{*-})$	23393	23035	1	30087
23395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^+D^-)$	23394	23036	1	30088
23396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\omega K^0K^-D^{*+}\bar{D}^{*-})$	23395	23037	1	30089
23397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-\bar{\Lambda}\Sigma^0)$	23396	23038	1	30090
23398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*0}p\bar{p})$	23397	23039	1	30091
23399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\eta D^+\bar{D}^{*-})$	23398	23040	1	30092
23400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*0}D_s^{*-})$	23399	23041	1	30093
23401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0D^-D^{*+})$	23400	23042	1	30094
23402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^+D^{*+}\bar{D}^0)$	23401	23043	1	30095
23403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D_s^-D_s^{*+}D_1^-)$	23402	23044	1	30096
23404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega\omega D^0$ $(e^+e^- \to \pi^0\rho^+\eta\omega\omega\bar{D}^{*-}D^0)$	23403	23045	1	30097
23405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	23404	23046	1	30098
23406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^0\Delta^+\bar{\Delta}^+)$	23405	23047	1	30099
23407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0D^-p\bar{\Sigma}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^-D^{*+}p\bar{\Sigma}^0)$	23406	23048	1	30100
23408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^0\Sigma^{*0}\bar{\Sigma}^{*0})$	23407	23049	1	30101
23409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \rho^+\omega K^+K^{*-}D^-$ $(e^+e^- \to \rho^+\omega K^+K^{*-}D^-\bar{D}^{*-}D_s^{*+})$	23408	23050	1	30102

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Lambda_c^+)$	23409	17937	1	30103
23411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^{*+}D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^*K^{*+}D^-D^-)$	23410	23051	1	30104
23412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+D^+\bar{D}^{*-})$	23411	23052	1	30105
23413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega K^*D^{*+}\bar{D}^{*0})$	23412	23053	1	30106
23414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-K^+D^+\bar{n}\Lambda$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{n}\Lambda)$	23413	23054	1	30107
23415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\eta D^-\bar{\Delta}^+\Sigma_c^+)$	23414	23055	1	30108
23416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^-D^{*+}D_s^+)$	23415	23056	1	30109
23417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-D^+D^-D_s^+n\bar{n})$	23416	23057	1	30110
23418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}a_1^-)$	23417	23058	1	30111
23419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^-D^{*+}D_1'^+)$	23418	23059	1	30112
23420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\omega D^-, \bar{B}^0 \to \pi^-D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega D^+D^-\Sigma^0\bar{\Sigma}^0)$	23419	23060	1	30113
23421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta K^+D^+\Lambda\bar{\Sigma}_c^-)$	23420	23061	1	30114
23422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta D^+D^-)$	23421	23062	1	30115
23423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+K^-\chi_{c0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^-D^{*+}\chi_{c0})$	23422	23063	1	30116
23424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta' D^{*0}$ $(e^+e^- \to e^+\nu_e\eta'\bar{D}^{*-}D^{*0})$	23423	23064	1	30117
23425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	23424	23065	1	30118
23426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^+\eta D^-)$	23425	23066	1	30119

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\bar{D}^{*0}D_s^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*0}D_s^+D_s^-)$	23426	23067	1	30120
23428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^{*-}D^-D^{*+})$	2485	2479	1	30121
23429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*J/\psi D_1'^+)$	23428	23069	1	30122
23430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\omega K^0K^-D^+\bar{D}^{*-})$	23429	23070	1	30123
23431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega D^-D^{*+})$	23430	23071	1	30124
23432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \rho^+\eta\omega D^-$ $(e^+e^- \to \pi^-\rho^+\eta\omega D^-\bar{D}^0D_s^+)$	23431	23072	1	30125
23433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^+\rho^-J/\psi$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\bar{D}^{*0}J/\psi)$	23432	23073	1	30126
23434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^+D^-)$	23433	23074	1	30127
23435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^0\bar{K}^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^0K^0\bar{K}^0K^-K^-K^{*+}D^+\bar{D}^{*-})$	23434	23075	1	30128
23436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^+D^-)$	23435	11991	1	30129
23437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}D_s^-)$	23436	23076	1	30130
23438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\eta\eta D^{*+}\bar{D}^{*-})$	23437	23077	1	30131
23439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\eta D^+D^{*+})$	23438	23078	1	30132
23440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^*K^-D^+\bar{D}^{*-})$	6	6	1	30133
23441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+D^-, B^0 \to \pi^0\pi^0\pi^+K^+K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+K^+K^{*-}D^-D^-)$	23440	23080	1	30134
23442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0\Delta^0\bar{\Sigma}_c^{*0}D_1'^+)$	23441	23081	1	30135
23443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^+, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\eta\eta D^+D^{*+})$	23442	23082	1	30136

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+K^-D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\bar{K}^0K^+K^-D^-D^0)$	23443	23083	1	30137
23445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	23444	23084	1	30138
23446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}\Delta^{++}\bar{\Delta}^{++})$	23445	23085	1	30139
23447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	23446	23086	1	30140
23448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^0\bar{K}^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^0K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-})$	23447	23087	1	30141
23449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}D^{*0})$	23448	23088	1	30142
23450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+K_0^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{D}^{*-}K_0^{*-})$	23449	23089	1	30143
23451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*-}D_s^+)$	23450	23090	1	30144
23452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-n\bar{p}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-D^{*+}D_s^{*-}n\bar{p})$	23451	23091	1	30145
23453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^-K^{*+}D^+D^-D_s^-)$	23452	23092	1	30146
23454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^-D^{*+}\bar{D}^{*-})$	23453	23093	1	30147
23455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\bar{K}^0K^+D^+D^{*+})$	23454	23094	1	30148
23456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D^0D_s^{*-})$	23455	23095	1	30149
23457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^{*+}K^{*-}D^-D^{*+}a_1^+)$	23456	23096	1	30150
23458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^+\rho^-\omega D^+D^-)$	23457	23097	1	30151
23459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^*D^-D^-D^{*+})$	23458	23098	1	30152
23460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D^-D_s^-D_{s1}^+)$	23459	23099	1	30153

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-D^+\Delta^+\bar{\Sigma}_c^{*0})$	23460	23100	1	30154
23462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D^{*0})$	23461	23101	1	30155
23463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\eta D^+D^-)$	23462	23102	1	30156
23464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+D_2^{*-}D_s^+)$	23463	23103	1	30157
23465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^{*-}D^{*+}D^{*+}\bar{D}^{*-})$	23464	23104	1	30158
23466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-p\bar{p}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^+D^-\bar{D}^{*-}p\bar{p})$	23465	23105	1	30159
23467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-D^{*+})$	23466	23106	1	30160
23468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-})$	23467	23107	1	30161
23469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\bar{K}^0D_s^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0\bar{D}^{*-}D_s^{*+}n\bar{p})$	23468	23108	1	30162
23470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0D^+D^{*+}D_s^{*-}n\bar{p})$	23469	23109	1	30163
23471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\rho^+K^0K^0\bar{K}^0K^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+K^0K^0\bar{K}^0K^-D^{*+}D^{*+})$	23470	23110	1	30164
23472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^-D_{s1}^+)$	23471	23111	1	30165
23473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^0\bar{D}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^0K^{*+}\bar{D}^{*-}D^0D^0\bar{D}^0)$	23472	23112	1	30166
23474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+K^-\phi J/\psi$ $(e^+e^- \to \pi^+\pi^-K^-\phi\bar{D}^0D_s^{*+}J/\psi)$	23473	23113	1	30167
23475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\omega K^+K^-D^-D^{*+})$	2487	2481	1	30168
23476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to e^+\nu_eD^-D^{*+}D_{s1}^-)$	23475	23115	1	30169
23477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^0D^+D^-\bar{D}^{*-})$	23476	23116	1	30170

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^0 D_s^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0 D^+ D_s^{*-})$	23477	23117	1	30171
23479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^{*+}D^+D^-\bar{D}^{*-}D^{*0})$	23478	23118	1	30172
23480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	23479	23119	1	30173
23481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D_2^{*-}D_s^{*+}D_0^{*+})$	23480	23120	1	30174
23482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \pi^-\rho^-D^+D_2^{*-}D_s^{*+}\bar{n}p)$	23481	23121	1	30175
23483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\bar{D}^{*-}D^0)$	23482	23122	1	30176
23484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta\omega D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega D^-\bar{D}^{*0})$	23483	23123	1	30177
23485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\rho^+\eta K^{*-}D^-D^{*+}\bar{D}^0)$	23484	23124	1	30178
23486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*0})$	23485	23125	1	30179
23487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}\bar{n}p)$	23486	23126	1	30180
23488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-K^0\bar{K}^0D^-D_1'^+)$	23487	23127	1	30181
23489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\eta\eta D^-D^{*+})$	23488	23128	1	30182
23490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	23489	23129	1	30183
23491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0K^0K^{*-}D^+\bar{D}^{*0})$	23490	23130	1	30184
23492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	23491	23131	1	30185
23493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\omega K^*K^{*-}D^+\bar{D}^{*-})$	23492	23132	1	30186
23494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \omega\bar{D}^0D^{*0}\Delta^0\bar{\Delta}^0)$	2488	2482	1	30187

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\Delta^0\bar{\Sigma}_c^0)$	23494	23134	1	30188
23496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\phi D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta K^0\phi D^+D^-)$	23495	23135	1	30189
23497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	23496	23136	1	30190
23498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+\bar{D}^{*-})$	23497	23137	1	30191
23499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\omega K^*D^{*+}D^{*0}\bar{D}^{*0})$	23498	23138	1	30192
23500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\rho^-, \bar{B}^0 \to \rho^0\eta K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\eta K^0K^-D^+)$	23499	23139	1	30193
23501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+K^+K^-D^-$ $(e^+e^- \to e^+\nu_e\pi^+K^+K^-D^-D^-)$	23500	23140	1	30194
23502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-)$	23501	23141	1	30195
23503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}\Delta^0\bar{p})$	23502	23142	1	30196
23504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}p\bar{p})$	23503	23143	1	30197
23505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^0D^{*+}\Lambda\bar{\Sigma}^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0D^{*+}D^{*+}\Lambda\bar{\Sigma}^{*-})$	23504	23144	1	30198
23506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+})$	23505	23145	1	30199
23507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\eta D^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^-\bar{D}^{*-}D^0D_s^{*+})$	23506	23146	1	30200
23508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-})$	23507	23147	1	30201
23509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	23508	23148	1	30202
23510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	23509	23149	1	30203
23511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*D^{*+}J/\psi)$	23510	23150	1	30204

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	23511	23151	1	30205
23513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*D^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta\omega\bar{K}^*D^{*+}D^0\bar{D}^0)$	23512	23152	1	30206
23514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\rho^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*0})$	23513	23153	1	30207
23515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^0D^+D^{*+}\bar{D}^{*-})$	23514	23154	1	30208
23516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0D^-D^{*+}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^0D^+D^-D^{*+})$	23515	23155	1	30209
23517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta\bar{K}^0\phi$ $(e^+e^- \to \pi^0\rho^0\eta K^0\bar{K}^0K^{*+}\phi D_s^{*-})$	23516	23156	1	30210
23518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	23517	791	1	30211
23519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{\Sigma}^{*0}\Xi^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+D^{*+}\bar{\Sigma}^{*0}\Xi^-)$	23518	23157	1	30212
23520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\eta\omega K^0K^0\bar{K}^0K^-D^-D^{*+})$	23519	23158	1	30213
23521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	23520	23159	1	30214
23522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^+D^{*+}\Sigma^0\bar{\Sigma}_c^{*-})$	23521	23160	1	30215
23523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^-D^{*+})$	23522	23161	1	30216
23524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+D_{s1}'^+)$	23523	23162	1	30217
23525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-})$	23524	23163	1	30218
23526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\eta K^-D^+D^-$ $(e^+e^- \to \pi^+\pi^+\eta\eta K^-D^+D^-D^-)$	23525	23164	1	30219
23527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*D^+\bar{D}^{*-}\eta_c)$	23526	23165	1	30220
23528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta K^0D^{*+})$	23527	23166	1	30221

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\omega\bar{K}^0K^{*+}D^+D^-)$	23528	23167	1	30222
23530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	23529	23168	1	30223
23531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0K^*D^-D^{*+})$	23530	23169	1	30224
23532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{D}^{*0})$	23531	23170	1	30225
23533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-})$	23532	23171	1	30226
23534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^0K^-D^-D^{*+})$	23533	23172	1	30227
23535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{K}^0D^-D^{*0}D_0^{*-})$	23534	23173	1	30228
23536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-D^+\bar{D}^{*-})$	23535	23174	1	30229
23537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-D^{*+}D_s^{*+}D_1'^-)$	23536	23175	1	30230
23538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\pi^0\bar{n}\Sigma_c^0D_0^{*-})$	23537	23176	1	30231
23539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	23538	23177	1	30232
23540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^+\rho^+\rho^-K^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^{*-}D_s^+D_1^-)$	23539	23178	1	30233
23541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{K}^0D^+\bar{D}^0)$	23540	23179	1	30234
23542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^0)$	23541	23180	1	30235
23543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\chi_{c1}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0K_L\pi^+\pi^+\pi^-\bar{D}^{*-}\chi_{c1})$	23542	23181	1	30236
23544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+D^{*+}J/\psi)$	23543	23182	1	30237
23545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^-D^{*+}\bar{n}p)$	23544	23183	1	30238

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0\bar{K}^0K^+K^-D^-D^{*+})$	23545	23184	1	30239
23547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	23546	23185	1	30240
23548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^+D^+p\bar{\Sigma}_c^{--})$	23547	23186	1	30241
23549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	23548	23187	1	30242
23550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-})$	23549	23188	1	30243
23551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^+K^*D^-D^0$ $(e^+e^- \to \pi^+\pi^+\omega K^*D^-\bar{D}^{*-}D^0)$	23550	23189	1	30244
23552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}n\bar{n})$	23551	23190	1	30245
23553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-})$	23552	23191	1	30246
23554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \pi^0\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega K^0K^-D^{*+}D_2^{*+})$	23553	23192	1	30247
23555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	23554	23193	1	30248
23556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\bar{D}^{*-}D_1^+)$	23555	23194	1	30249
23557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}a_1^-)$	23556	23195	1	30250
23558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+D_2^{*-}D^0D_s^{*-})$	23557	23196	1	30251
23559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*0})$	23558	23197	1	30252
23560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}n\bar{p}D_0^{*-})$	23559	23198	1	30253
23561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^-D_s^{*+}\Delta^+\bar{\Delta}^+)$	23560	23199	1	30254
23562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0K^{*+}D^-\bar{\Delta}^+\Sigma_c^{*++})$	23561	23200	1	30255

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\bar{K}^*K^+D^-D^{*+}D_s^{*-})$	23562	23201	1	30256
23564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^0K^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	23563	23202	1	30257
23565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\rho^+K^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0)$	23564	23203	1	30258
23566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^+\bar{D}^{*-})$	23565	23204	1	30259
23567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\omega K^+K^-D^+\bar{D}^{*-}n\bar{p})$	23566	23205	1	30260
23568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\bar{K}^0K^*K^{*+}K^{*-}D^-D^{*+})$	23567	23206	1	30261
23569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+K^{*-}D^-D^{*+}\bar{D}^{*-})$	23568	23207	1	30262
23570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\rho^+D^+D_1^+)$	23569	23208	1	30263
23571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	2489	2483	1	30264
23572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^-D^+D^{*+})$	23571	23210	1	30265
23573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta D^{*+}\bar{D}^{*-})$	493	493	1	30266
23574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega D^-D_1^+)$	23573	23211	1	30267
23575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^+)$	23574	23212	1	30268
23576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^-D^-D^{*+}\bar{D}^{*0})$	23575	23213	1	30269
23577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-K^{*+}K^{*-}D^{*+}D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	23576	23214	1	30270
23578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta, \bar{B}^0 \to D_s^{*-}D_1^+\gamma$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D_s^{*-}D_1^+\gamma)$	23577	23215	1	30271
23579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \eta'\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta'\bar{D}^0\bar{\Delta}^+\Sigma_c^{*+})$	23578	23216	1	30272

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^+ D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+ K^{*+} D^+ D^- D^{*0})$	23579	23217	1	30273
23581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \eta K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \eta K^0 K^- D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^{*0})$	23580	23218	1	30274
23582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+ K^* D^+ D^{*+}\bar{D}^{*-})$	23581	23219	1	30275
23583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^0 D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^0 D^{*+} D^{*+}\bar{D}^{*0})$	2491	2485	1	30276
23584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}\gamma$ $(e^+e^- \to \pi^0 K^* D^+ D^+ D^- D_s^{*-}\gamma)$	23583	23221	1	30277
23585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^0)$	23584	23222	1	30278
23586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+})$	23585	23223	1	30279
23587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \rho^0\rho^+\rho^-\eta\bar{K}^0 D^0$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\bar{K}^0 D^0\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	23586	23224	1	30280
23588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^0 D_s^+)$	23587	23225	1	30281
23589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ D^0\bar{D}^0 D_s^-)$	23588	23226	1	30282
23590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^- D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^- D^+ D^{*+}\bar{\Delta}^-\Delta^-)$	23589	23227	1	30283
23591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\omega\omega\bar{K}^*\bar{K}^* K^+\bar{D}^{*-} D^0\bar{D}^{*0})$	23590	23228	1	30284
23592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+} D_2^{*-} D_s^{*-})$	23591	23229	1	30285
23593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} D^{*+}\Delta^-\bar{\Delta}^0)$	23592	23230	1	30286
23594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* J/\psi, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to K^*\bar{D}^{*-} J/\psi\bar{\Delta}^-\Delta^0)$	23593	23231	1	30287
23595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0 K^{*+} D^-\bar{D}^{*-})$	23594	23232	1	30288
23596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^* K^+ D^-, \bar{B}^0 \to \rho^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^* K^+ D^- D^{*0} D_s^{*-})$	23595	23233	1	30289

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* D^+ D^-, \bar{B}^0 \to \pi^0 K^0 \bar{K}^* K^{*-} D_s^{*+}$ $(e^+e^- \to \pi^0 K^0 \bar{K}^* \bar{K}^* K^{*-} D^+ D^- D_s^{*+})$	23596	23234	1	30290
23598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \eta K^+ K^- K^{*+} \bar{D}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- \eta K^+ K^- K^{*+} \bar{D}^0 D_0^{*+})$	23597	23235	1	30291
23599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0 \pi^+ K^- D^- D^{*+}$ $(e^+e^- \to \pi^0 \pi^+ K^+ K^- D^- D^- D^{*+} D^{*0})$	23598	23236	1	30292
23600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}$ $(e^+e^- \to e^- \bar{\nu}_e \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^{*+} \bar{D}^{*-})$	23599	23237	1	30293
23601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\omega K^0 K^{*-} D^+, \bar{B}^0 \to \pi^0\pi^-\rho^+ \bar{K}^0 K^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\omega K^0 \bar{K}^0 K^- K^{*-} D^+ D_s^{*+})$	23600	23238	1	30294
23602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \eta \bar{D}^{*-}, \bar{B}^0 \to \pi^- \omega K^+ K^- D^+$ $(e^+e^- \to \pi^- \rho^+ \eta\omega K^+ K^- D^+ \bar{D}^{*-})$	2492	2486	1	30295
23603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^- \bar{\Delta}^0 \Sigma_c^+$ $(e^+e^- \to e^+\nu_e \rho^- \bar{D}^{*-} \bar{\Delta}^0 \Sigma_c^+)$	494	494	1	30296
23604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \eta \bar{D}^{*-}, \bar{B}^0 \to \rho^- \omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \rho^- \eta\omega D^{*+} \bar{D}^{*-})$	23603	23241	1	30297
23605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0 \bar{K}^* \Lambda \bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu \rho^0 \bar{K}^* \Lambda \bar{\Sigma}^0 D_1^-)$	23604	23242	1	30298
23606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \eta \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e \pi^+\pi^- D^+$ $(e^+e^- \to e^- \bar{\nu}_e \mu^+\nu_\mu \pi^+\pi^- \eta D^+ \bar{D}^{*-})$	23605	23243	1	30299
23607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s0}^{*+}, B^0 \to \rho^0 \pi^+\pi^- \rho^+ \bar{D}^{*-}$ $(e^+e^- \to \rho^0 \pi^+\pi^- \rho^+ \bar{D}^{*-} \bar{D}^{*-} D_{s0}^{*+})$	23606	23244	1	30300
23608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+ \rho^- K^* K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^+ \rho^- K^* K^{*-} D^{*+} D_1^-)$	23607	23245	1	30301
23609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^0\pi^- K^+ D^{*+} \bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- \rho^- K^+ D^- D^{*+} \bar{p}\Lambda)$	23608	23246	1	30302
23610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- \rho^+ \omega \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D_1'^+$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0\pi^+\pi^- \rho^+ \omega \bar{D}^{*-} D_1'^+)$	23609	23247	1	30303
23611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+ \omega \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ \omega D^{*+} \bar{D}^{*-} D_s^{*-})$	23610	23248	1	30304
23612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ \omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- \omega D^{*+} \bar{D}^{*-})$	23611	23249	1	30305
23613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+ \bar{D}^{*-} D^{*0}, B^0 \to \pi^- K^* D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^- K^* K^+ D^{*+} \bar{D}^{*-} D^{*0} \bar{D}^{*0})$	23612	23250	1	30306

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^- K^0 D^+ \bar{D}^0, B^0 \to \pi^0\rho^0\pi^-\omega K^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega K^0 K^+ D^+ \bar{D}^0\bar{D}^0)$	23613	23251	1	30307
23615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^{*+}$ $(e^+e^- \to \pi^- D^- D_s^+ \bar{\Delta}^0 \Xi_c^{*+})$	23614	23252	1	30308
23616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0 D^+\bar{\Sigma}^-\Xi^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 D^+ D^- \bar{\Sigma}^-\Xi^0)$	23615	23253	1	30309
23617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^-\omega$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega D^-\bar{n}p)$	23616	23254	1	30310
23618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0\bar{D}^0 D_1^+)$	23617	23255	1	30311
23619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^- n\bar{n}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^- D^- D^{*+} n\bar{n})$	23618	23256	1	30312
23620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \omega\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega D^{*0}\bar{p}\Sigma_c^+)$	23619	23257	1	30313
23621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\omega K^+ D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^-\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0 K^* K^+ D^{*+} D^{*+})$	23620	23258	1	30314
23622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\omega D^+ D^{*+})$	23621	23259	1	30315
23623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^-\rho^+\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+ D^-\bar{D}^{*-})$	23622	23260	1	30316
23624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{K}^* J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\bar{K}^* D^+ J/\psi)$	23623	23261	1	30317
23625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0\rho^-\eta\eta\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta\eta\eta\bar{K}^* K^+ D^+ D^-)$	23624	23262	1	30318
23626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^- K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- K^- D^+ D_1'^-)$	2494	2488	1	30319
23627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}^+\gamma, \bar{B}^0 \to \rho^0\pi^+\omega K^- K^- D_s^+$ $(e^+e^- \to \rho^0\pi^+\omega K^- K^- D^- D_s^+ D_{s1}^+\gamma)$	23626	23264	1	30320
23628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^- D^- D^{*+} D_s^{*+})$	23627	23265	1	30321
23629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^+\pi^-\rho^+ D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+ D^-\bar{D}^{*-} a_1^+)$	23628	17504	1	30322
23630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^0 D^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{D}^{*0}\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0 D^+\bar{D}^{*-}\bar{D}^{*0}\bar{n}p)$	2495	2489	1	30323

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega D^+ D_0^{*-})$	23630	23267	1	30324
23632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^* D^- D^{*+}\bar{D}^0)$	23631	23268	1	30325
23633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^* D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^* K^- D^+ D^+\bar{D}^{*0}\bar{D}^{*0})$	2496	2490	1	30326
23634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ K^0 K^{*+} K^{*-} D^-, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^- K^0 K^{*+} K^{*-} D^- D^{*+})$	23633	23270	1	30327
23635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0 D^0 p\bar{p}$ $(e^+e^- \to \pi^0\bar{D}^{*-} D^0 p\bar{p} a_1^+)$	23634	23271	1	30328
23636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K_L\psi'$ $(e^+e^- \to \pi^0 K_L\rho^+\eta\bar{D}^{*-}\psi')$	23635	23272	1	30329
23637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega K^* K^{*-} D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega K^* K^{*-} D^+ D^{*+})$	23636	23273	1	30330
23638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 p\bar{p}, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to K^0 K^- D^{*+}\bar{D}^0 p\bar{p})$	23637	23274	1	30331
23639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0 K^{*+} D^+\bar{D}^{*-})$	23638	23275	1	30332
23640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^+ D^{*+} D_s^-\Delta^0\bar{\Lambda}_c^-)$	23639	23276	1	30333
23641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^- n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^- D^{*0} n\bar{n})$	23640	23277	1	30334
23642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^- K^0\bar{K}^* K^{*+} D^+ D^- D^{*0})$	23641	23278	1	30335
23643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^- D^+ n\bar{n}, \bar{B}^0 \to \pi^-\eta D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta D^+ D^{*+} n\bar{n}\Delta^+\bar{\Delta}^+)$	23642	23279	1	30336
23644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^- D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^- K^0\bar{K}^0 K^- K^{*+} D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^0\bar{K}^0 K^- K^- K^{*+} D^{*+} D^0\bar{D}^{*0})$	23643	23280	1	30337
23645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\omega\omega D^- D^{*+})$	23644	23281	1	30338
23646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^- K^-\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^+\pi^- K^- D^- D_s^+\Delta^{++}\bar{\Delta}^{++})$	23645	23282	1	30339
23647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+ D^+\Sigma^0\bar{\Sigma}^-)$	23646	23283	1	30340

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Sigma^{*0}\bar{\Xi}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}^{*+})$	23647	23284	1	30341
23649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-K^{*+}\eta' D^+D^0\bar{D}^0)$	23648	23285	1	30342
23650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+\Delta^+\bar{\Sigma}_c^{--})$	23649	23286	1	30343
23651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^-\bar{K}^0K^*K^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega\bar{K}^0K^*K^{*+}\bar{D}^{*-})$	23650	23287	1	30344
23652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{K}^*D^{*+}D_1^+)$	23651	23288	1	30345
23653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\bar{D}^{*-}\gamma)$	23652	23289	1	30346
23654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}\bar{D}^0, B^0 \to \pi^0\pi^0D^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^{*+}D^-\bar{D}^0D_s^+)$	23653	23290	1	30347
23655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e X_u^-\rho^0\pi^+\pi^-\pi^-\eta D^+)$	23654	23291	1	30348
23656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\eta\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^-n)$	23655	23292	1	30349
23657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D_s^-D_0^{*+})$	23656	23293	1	30350
23658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p})$	23657	23294	1	30351
23659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^{*+}\eta' D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}\eta' D^-D^{*+})$	23658	23295	1	30352
23660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0D^-D^{*0}\bar{\Delta}^+\Delta^{++})$	23659	23296	1	30353
23661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^0, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\omega K^0D^-D^0\bar{\Delta}^0\Sigma_c^0)$	23660	23297	1	30354
23662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0D^+\bar{D}^{*-}D_s^+)$	23661	23298	1	30355
23663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*-})$	23662	23299	1	30356
23664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^0K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}p\bar{p})$	23663	23300	1	30357

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \rho^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-K^0K^-D^{*+}\bar{D}^{*0}D_s^+)$	23664	23301	1	30358
23666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}D_s^{*+}D_1^-)$	23665	23302	1	30359
23667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to D^+\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to \eta D^+D^-D_s^+\bar{\Delta}^0\Sigma^{*-})$	23666	23303	1	30360
23668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^+D^-D^0)$	23667	23304	1	30361
23669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*0}D_s^-)$	23668	23305	1	30362
23670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \rho^0D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0D^{*+}D_s^{*-}D_0^{*-})$	23669	23306	1	30363
23671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-K^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^+K^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^-K^{*+}D^{*0})$	23670	23307	1	30364
23672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c2}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}\chi_{c2})$	23671	23308	1	30365
23673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^{*-}D^-D^{*+}\bar{D}^{*0}D_s^+)$	23672	23309	1	30366
23674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^*D^-D^{*+}D_0^{*-})$	23673	23310	1	30367
23675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D^0D^{*0}\bar{D}^{*0})$	23674	23311	1	30368
23676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\omega K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\omega K^-D^+D_2^{*-})$	2497	2491	1	30369
23677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^-D^0D_1^+)$	23676	23313	1	30370
23678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}D_1'^-)$	23677	23314	1	30371
23679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^0n\bar{\Lambda}_c^-)$	2498	2492	1	30372
23680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{K}^0K^*D^-\chi_{c0})$	23679	23316	1	30373
23681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0D^+D^-)$	23680	23317	1	30374

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^0K^*D^+\bar{D}^0)$	495	495	1	30375
23683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+D^-, B^0 \to \pi^0K^+D^-D^0$ $(e^+e^- \to \pi^0K^0K^+D^+D^-D^-D^0)$	23682	23319	1	30376
23684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to D^-D^0n\bar{\Delta}^0D_{s0}^{*+})$	23683	23320	1	30377
23685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega D^+D^-)$	23684	23321	1	30378
23686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to K^*D^+D^-D^0\Delta^+\bar{\Delta}^+)$	23685	23322	1	30379
23687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}D_1'^-)$	23686	23323	1	30380
23688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^+K^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+K^+K^{*-}D_2^{*-}D^0)$	23687	23324	1	30381
23689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	23688	16050	1	30382
23690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^*D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK^*D^+\bar{D}^{*-}\bar{D}^{*-})$	23689	23325	1	30383
23691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^0\rho^0\pi^+D^+D^-\bar{p}\Lambda)$	23690	23326	1	30384
23692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^*D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Delta^{++})$	23691	23327	1	30385
23693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}p\bar{\Sigma}_c^-)$	23692	23328	1	30386
23694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_s^+\bar{n}\Lambda_c^+)$	23693	23329	1	30387
23695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-\bar{D}^{*-})$	23694	23330	1	30388
23696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^-D_0^{*+})$	23695	23331	1	30389
23697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \rho^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \rho^0\pi^-\rho^-\omega D^+D^{*+}\gamma)$	23696	23332	1	30390
23698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega\bar{D}^0D_1^+)$	23697	23333	1	30391

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\eta\eta\bar{D}^{*-}D^{*0})$	23698	23334	1	30392
23700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \rho^+\bar{K}^0D^-$ $(e^+e^- \to \rho^+\bar{K}^0D^-D^-\bar{n}p)$	23699	23335	1	30393
23701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}a_1^-)$	23700	23336	1	30394
23702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta K^+K^-D^+D^-)$	23701	23337	1	30395
23703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}D_{s1}^+)$	23702	23338	1	30396
23704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\omega\omega\omega D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta\omega\omega\omega D^{*0}D^{*0})$	23703	23339	1	30397
23705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}D_{s1}'^+)$	23704	23340	1	30398
23706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^+K^-D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^+K^-D^-D^{*+}\bar{D}^0D^{*0})$	23705	23341	1	30399
23707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-\bar{D}^0D_s^+$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*K^-\bar{D}^{*-}\bar{D}^0D_s^+)$	23706	23342	1	30400
23708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}D_s^-)$	23707	23343	1	30401
23709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*0})$	23708	23344	1	30402
23710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to \rho^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\rho^-\eta D^+K_1^0\psi')$	23709	23345	1	30403
23711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta D^+D^-)$	23710	23346	1	30404
23712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+K^-D^{*+}\Delta^-\bar{\Lambda}$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}D_s^{*+}\Delta^-\bar{\Lambda})$	23711	23347	1	30405
23713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\omega K^*D^+D^-D^{*+})$	23712	23348	1	30406
23714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \omega D^-D^{*+}$ $(e^+e^- \to \omega K^0D^-D^{*+}\Delta^0\bar{\Sigma}_c^0)$	23713	23349	1	30407
23715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0\bar{n}\Delta^0)$	23714	23350	1	30408

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	23715	23351	1	30409
23717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0\bar{K}^0\bar{K}^0\bar{D}^{*-})$	23716	23352	1	30410
23718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \pi^0\pi^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^*K^*K^{*-}D^{*+}\psi')$	23717	23353	1	30411
23719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^+D^-)$	23718	23354	1	30412
23720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0D^+D^{*+}D_s^{*-}D_s^{*-})$	23719	23355	1	30413
23721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0n\bar{n}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0D^{*+}n\bar{n}D_{s1}'^-)$	23720	23356	1	30414
23722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	23721	23357	1	30415
23723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+})$	2500	2494	1	30416
23724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^0\bar{D}^{*0})$	2501	2495	1	30417
23725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0K^-K_0^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta K^0\bar{K}^0\bar{K}^*K^-\bar{D}^{*-}K_0^0)$	23724	23360	1	30418
23726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+D^-\bar{n}\Sigma^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^*K^+D^-D^{*+}\bar{n}\Sigma^-)$	23725	23361	1	30419
23727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}D_1^+)$	23726	23362	1	30420
23728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*0})$	23727	23363	1	30421
23729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K^{*-}\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+K^0\bar{K}^0K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+)$	23728	23364	1	30422
23730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+K^{*+}D^{*+}\bar{D}^{*-}D^0)$	23729	23365	1	30423
23731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta n\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0K^*K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta K^*K^-D^+n\bar{\Lambda}_c^-)$	23730	23366	1	30424
23732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*-})$	23731	23367	1	30425

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*K^*D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*K^*D^{*0}D_s^-)$	23732	23368	1	30426
23734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^{*+}D_1^-)$	23733	23369	1	30427
23735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-K^*, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^*\bar{p}\Sigma_c^{*0})$	23734	23370	1	30428
23736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^0)$	23735	23371	1	30429
23737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	23736	12211	1	30430
23738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e X_u^-, B^0 \to \pi^0\rho^+\eta K^+K^-D^-$ $(e^+e^- \to e^+\nu_e X_u^-\pi^0\rho^+\eta K^+K^-D^-)$	23737	23372	1	30431
23739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-K^0D^{*+})$	23738	23373	1	30432
23740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+\omega D^-D^0D_s^-)$	23739	23374	1	30433
23741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta K^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\eta K^0D^{*+}\bar{D}^{*0})$	23740	23375	1	30434
23742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0K^0K^0K^-D^+J/\psi)$	23741	23376	1	30435
23743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\bar{D}^{*-}D^0)$	23742	23377	1	30436
23744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^+\rho^-\eta D^-\bar{D}^{*-})$	23743	23378	1	30437
23745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_1'^-, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D_1'^-)$	23744	23379	1	30438
23746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+K^{*-}D^0\bar{D}^0D_0^{*-})$	23745	23380	1	30439
23747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^-\rho^-\omega K^0\bar{K}^0D^+D^{*+}\bar{\Sigma}^+\Sigma^-)$	23746	23381	1	30440
23748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-D^+D_s^-$ $(e^+e^- \to \pi^+\rho^-\eta'D^+\bar{D}^{*0}D_s^-)$	23747	23382	1	30441
23749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Delta}^0p, \bar{B}^0 \to \rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \rho^-\omega K^+K^{*-}D^-D^{*+}\bar{\Delta}^0p)$	23748	23383	1	30442

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	2502	2496	1	30443
23751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	23750	23385	1	30444
23752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0K^{*-}D^+D^{*+})$	23751	23386	1	30445
23753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \rho^+\eta\eta D^{*+}\bar{D}^{*-}D_s^-\gamma)$	23752	23387	1	30446
23754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\omega K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega\omega K^0K^{*+}K^{*-}D^+\bar{D}^{*0})$	2503	2497	1	30447
23755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^0D_s^{*+})$	23754	23389	1	30448
23756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0\Delta^+)$	23755	23390	1	30449
23757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^{*+}D^+D^-D^{*0})$	23756	23391	1	30450
23758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-})$	23757	23392	1	30451
23759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-D^+p\bar{\Lambda}_c^-D_{s1}'^-)$	23758	23393	1	30452
23760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	23759	23394	1	30453
23761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta' D^+\bar{D}^{*-})$	23760	23395	1	30454
23762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-K^{*-}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^{*-}D^-\bar{D}^{*0})$	23761	23396	1	30455
23763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Lambda\bar{\Lambda}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+\bar{D}^{*0}\Lambda\bar{\Lambda})$	23762	23397	1	30456
23764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\rho^-K^-K^{*+}D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-K^-K^{*+}D^+D_0^{*-})$	23763	23398	1	30457
23765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*0})$	23764	23399	1	30458
23766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0\bar{D}^0, \bar{B}^0 \to \rho^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta K^0\bar{D}^0D^{*0}D_s^{*-})$	23765	23400	1	30459

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+} D_{s1}^+\gamma)$	23766	23401	1	30460
23768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\bar{K}^0K^*D^+\bar{D}^{*-})$	23767	23402	1	30461
23769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\eta_c, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0D^{*+}\eta_c)$	23768	23403	1	30462
23770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	23769	23404	1	30463
23771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^+\omega K^{*-}D^0$ $(e^+e^- \to e^+\nu_e X_u^-\pi^+\omega K^{*-}D^0)$	23770	23405	1	30464
23772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\rho^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^{*+}np\bar{p}\bar{\Sigma}_c^0)$	23771	23406	1	30465
23773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+D^-\bar{D}^{*-})$	23772	23407	1	30466
23774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\omega D^+\bar{D}^0)$	23773	23408	1	30467
23775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0\bar{D}^{*-}\chi_{c1})$	23774	23409	1	30468
23776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^{*+}\bar{D}^{*-}D^0)$	23775	23410	1	30469
23777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta\omega K^0\bar{K}^0D^+D^-)$	23776	23411	1	30470
23778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+D^{*+}D_s^{*-})$	23777	23412	1	30471
23779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega\omega D^-D^{*+})$	23778	23413	1	30472
23780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{D}^0D_s^+\bar{p}\Lambda_c^+)$	23779	23414	1	30473
23781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0D^-D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-D^-D_s^{*+})$	23780	23415	1	30474
23782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{n}pD_1^-)$	23781	23416	1	30475
23783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\eta D^-\bar{D}^0)$	23782	23417	1	30476

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}D_s^-)$	23783	23418	1	30477
23785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	23784	23419	1	30478
23786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\bar{D}^0D_s^{*+})$	23785	23420	1	30479
23787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\rho^-\rho^-\eta D^+D^{*+})$	23786	23421	1	30480
23788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\eta\bar{D}^{*-}D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\eta D^-\bar{D}^{*-}D^0)$	23787	23422	1	30481
23789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^{*+}D_s^{*-})$	23788	23423	1	30482
23790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*0})$	23789	23424	1	30483
23791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, B^0 \to \rho^0\rho^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+D^-D_2^{*-})$	23790	23425	1	30484
23792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^-D^{*+}\bar{n}p)$	23791	23426	1	30485
23793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Xi}_c^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}p\bar{\Xi}_c^-)$	2504	2498	1	30486
23794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta D^+D_0^{*-})$	23793	23428	1	30487
23795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\chi_{c1}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\chi_{c1})$	23794	23429	1	30488
23796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0D^-D^0, \bar{B}^0 \to \pi^0\rho^0\rho^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\omega K^0K^0K^{*-}D^+D^-D^0)$	23795	23430	1	30489
23797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^0\bar{K}^0\bar{K}^*K^+K^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-K^0\bar{K}^0\bar{K}^*K^+K^{*+}D^{*+})$	23796	23431	1	30490
23798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \rho^0\rho^+\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+\eta D^-D_1'^-)$	23797	23432	1	30491
23799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+D^{*+}p\bar{\Sigma}^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^{*+}D^{*+}p\bar{\Sigma}^-)$	23798	23433	1	30492
23800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^+K^-D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^+K^-D^+D^-)$	23799	23434	1	30493

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^{*+}D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\bar{K}^*K^{*+}D^-D^{*+}D_s^{*-})$	23800	23435	1	30494
23802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^-\bar{D}^{*-}\bar{D}^0D^{*0})$	23801	23436	1	30495
23803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\eta D^+D^-$ $(e^+e^- \to \pi^0\eta D^+D^-D^-D_s^+)$	23802	23437	1	30496
23804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{K}^*K^+K^-D^-, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^*\bar{K}^*K^+K^-K^-D^+D^-\bar{D}^0)$	23803	23438	1	30497
23805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0K^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0K^0\bar{K}^0K^{*+}D^-D^0D^0)$	23804	23439	1	30498
23806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}D^0\bar{D}^0)$	23805	23440	1	30499
23807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^+D_1'^+)$	23806	23441	1	30500
23808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+\bar{D}^{*-}D^0D_1'^+)$	23807	23442	1	30501
23809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\psi', \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^-\eta K_SD^+\psi')$	23808	23443	1	30502
23810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+K^*D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^*D^{*+}\bar{D}^{*-}D_s^-)$	23809	23444	1	30503
23811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^-K^{*+}J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^-K^{*+}\bar{D}^{*-}J/\psi)$	23810	23445	1	30504
23812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, B^0 \to \pi^+\pi^-\rho^+\omega K^-K^{*+}D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\omega K^0\bar{K}^0K^-K^{*+}D^-D^-)$	23811	23446	1	30505
23813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\eta\omega D^+D^{*+})$	23812	16809	1	30506
23814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\omega D^+D^-)$	23813	23447	1	30507
23815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega\eta'D^+\bar{D}^{*-})$	23814	23448	1	30508
23816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \omega D^-D^{*+}D_s^+a_1^-)$	23815	23449	1	30509
23817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\eta\omega\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-})$	23816	23450	1	30510

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^0K^0\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega K^0D^-\bar{D}^0)$	23817	23451	1	30511
23819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^0)$	23818	23452	1	30512
23820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-\bar{D}^0)$	23819	23453	1	30513
23821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}D^{*+}D_s^-)$	23820	23454	1	30514
23822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-\bar{n}\Lambda, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^+D^+D^-\bar{n}\Lambda)$	23821	23455	1	30515
23823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \bar{K}^0K^+K^-D^-D^{*+}\bar{D}^0)$	23822	23456	1	30516
23824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^-K^+\chi_{c1}$ $(e^+e^- \to \pi^-\rho^+K^+\Delta^+\bar{\Sigma}_c^{*--}\chi_{c1})$	23823	23457	1	30517
23825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\omega D^-D^{*+})$	23824	23458	1	30518
23826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}K_1^0\psi(3770))$	2505	2499	1	30519
23827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega K^0K^{*-}D^-D^{*+})$	23826	23460	1	30520
23828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^-D^{*+}\bar{D}^{*-})$	23827	23461	1	30521
23829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	23828	16736	1	30522
23830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0D^{*+}\bar{D}^{*-}D_1^-)$	23829	23462	1	30523
23831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^{*+}\bar{D}^0, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^0\bar{\Delta}^+\Sigma_c^{*0})$	23830	23463	1	30524
23832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	23831	5379	1	30525
23833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-\Delta^0)$	23832	23464	1	30526
23834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-)$	23833	15600	1	30527

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta K^+K^{*-}D^-D^{*+})$	23834	23465	1	30528
23836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\eta\eta D^-\bar{D}^{*-})$	7	7	1	30529
23837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^-D^{*+}D'^-_{s1})$	23836	23467	1	30530
23838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^+\bar{D}^{*-}n\bar{n})$	23837	23468	1	30531
23839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^*K^-D^+D^{*+})$	23838	23469	1	30532
23840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}^-_c, \bar{B}^0 \to K^*K^{*-}D^+\gamma$ $(e^+e^- \to \rho^+K^*K^{*-}D^+n\bar{\Sigma}^-_c\gamma)$	23839	23470	1	30533
23841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}'^0_c, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^+p\bar{\Xi}'^0_c)$	23840	23471	1	30534
23842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D'^-_1, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^+D'^-_1)$	23841	23472	1	30535
23843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+_1$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{D}^0D^+_1)$	23842	23473	1	30536
23844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-\eta D^{*+}D^{*+})$	23843	23474	1	30537
23845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\omega K^0\bar{K}^0D^+D^-)$	2507	2501	1	30538
23846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+D^-\bar{n}p)$	23845	23476	1	30539
23847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*-})$	2508	2502	1	30540
23848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-K^{*+}J/\psi, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^{*+}\bar{D}^{*-}J/\psi)$	23847	23478	1	30541
23849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{\Delta}^0\Xi'^0_c$ $(e^+e^- \to \rho^0\pi^+K^0K^0\bar{K}^*\bar{D}^{*-}\bar{\Delta}^0\Xi'^0_c)$	23848	23479	1	30542
23850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^0\bar{n}p, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \rho^-K^0\bar{K}^0D^+D^-D^0\bar{n}p)$	23849	23480	1	30543
23851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{K}^0K^+K^+K^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^0)$	2509	2503	1	30544

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\eta K^- D^-\bar{\Delta}^+\Sigma_c^{++})$	23851	23482	1	30545
23853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega D^- D^{*+}\bar{n}p)$	23852	23483	1	30546
23854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^+ D^-)$	23853	23484	1	30547
23855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^+ D^{*+}D_{s1}'^-)$	23854	23485	1	30548
23856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+K^-K^-\bar{D}^{*-}D_s^+D_s^{*+})$	23855	23486	1	30549
23857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega D^+ D^- D_s^+)$	23856	23487	1	30550
23858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+K^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+K^0 D^-\bar{D}^{*-})$	23857	23488	1	30551
23859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^0\pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0K^*K^-D^{*+}\eta_c)$	23858	23489	1	30552
23860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\omega\omega D^- D^{*+}n\bar{p})$	23859	23490	1	30553
23861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\omega\bar{D}^{*-}\bar{D}^{*0})$	23860	23491	1	30554
23862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^+\omega\bar{K}^*D^+D^-D^-)$	23861	23492	1	30555
23863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^+D_s^{*-})$	23862	23493	1	30556
23864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}D_2^{*+}D_s^{*-})$	23863	23494	1	30557
23865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\bar{K}^*K^-D^+\bar{D}^{*-})$	23864	23495	1	30558
23866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-})$	23865	23496	1	30559
23867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\Delta^-\bar{\Sigma}^+, \bar{B}^0 \to \eta\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \eta\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^-\bar{\Sigma}^+)$	23866	23497	1	30560
23868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^+D^{*+}D_s^{*-})$	23867	23498	1	30561

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \eta D^+ D_s^{*-}$ $(e^+e^- \to \eta D^+ \bar{D}^{*-} D_s^{*-} \bar{n}p)$	23868	23499	1	30562
23870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0 D^+ \bar{D}^{*0} D_s^{*-} \bar{p}\Delta^+)$	23869	23500	1	30563
23871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0 D^+ n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\rho^- D^+ \bar{D}^{*-} n\bar{n}p\bar{p})$	23870	23501	1	30564
23872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^- D^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0 K^+ D^+ D^- D^{*0})$	23871	23502	1	30565
23873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	23872	1305	1	30566
23874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} D^{*+}\bar{D}^{*-})$	23873	23503	1	30567
23875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}p\bar{\Delta}^+, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0\bar{D}^{*0}\eta_c p\bar{\Delta}^+)$	23874	23504	1	30568
23876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^* D^+ D^{*+}\bar{D}^{*-})$	23875	23505	1	30569
23877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^+\gamma, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\phi D^- D^{*+} D_s^+\gamma)$	23876	23506	1	30570
23878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+ D_0^{*-})$	23877	23507	1	30571
23879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_{s1}^+, B^0 \to K^0 D^- D^{*+}$ $(e^+e^- \to K^0 D^- D^- D^{*+} D_{s1}^+)$	23878	23508	1	30572
23880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^- D^+ D^+)$	23879	23509	1	30573
23881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}\gamma)$	23880	23510	1	30574
23882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{++})$	23881	23511	1	30575
23883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^- D^{*+}\bar{n}p$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-\pi^- D^{*+} D^{*+}\bar{n}p)$	23882	23512	1	30576
23884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^-\bar{D}^0 D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^-\bar{D}^0 D_s^+)$	23883	23513	1	30577
23885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\eta\bar{K}^0 K^{*+} D^- D^{*+})$	23884	23514	1	30578

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	23885	23515	1	30579
23887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-\bar{\Sigma}^0\Sigma^+ D_1^+)$	23886	23516	1	30580
23888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1'^-, B^0 \to \pi^+K^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+K^0\bar{D}^{*-}D^0 D_s^{*+}D_1'^-)$	23887	23517	1	30581
23889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{D}^{*-}D_s^{*-})$	23888	23518	1	30582
23890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^+D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+D^{*+}D_s^-)$	23889	23519	1	30583
23891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^-D_2^{*+}D^{*0})$	23890	23520	1	30584
23892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^*\eta'\phi$ $(e^+e^- \to \pi^0\pi^+\omega K^0K^0\bar{K}^0\bar{K}^*\eta'\phi\bar{D}^{*-})$	23891	23521	1	30585
23893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+D^-)$	23892	23522	1	30586
23894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta\omega D^+D^-)$	23893	23523	1	30587
23895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^0 D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+D^+\bar{D}^{*-}D_s^-\gamma)$	23894	23524	1	30588
23896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^-D^{*+})$	23895	23525	1	30589
23897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega K^0\bar{K}^*K^+K^-D^+\bar{D}^{*-})$	23896	23526	1	30590
23898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^0\bar{K}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D_s^+)$	23897	23527	1	30591
23899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\eta K^{*+}D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^{*+}D^-D^{*+}a_1^-)$	23898	23528	1	30592
23900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \mu^+\nu_\mu\pi^0\pi^0 D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0\pi^0 D^-D^-)$	23899	23529	1	30593
23901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0D^-D^{*+}D^{*+})$	23900	23530	1	30594
23902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^*D^-D^{*+})$	23901	23531	1	30595

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0D^+D^-)$	23902	23532	1	30596
23904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^{*+}D^+D^-)$	23903	23533	1	30597
23905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-K_2^{*0}\bar{D}^{*-}J/\psi)$	23904	23534	1	30598
23906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	23905	23535	1	30599
23907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to \pi^+\rho^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0K^{*-}D^{*+}\bar{\Delta}^0\Sigma_c^+)$	23906	23536	1	30600
23908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\eta\omega D^-D_2^{*+})$	23907	23537	1	30601
23909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \rho^0\rho^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{n})$	23908	23538	1	30602
23910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{\Delta}^0p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^+D^-\bar{\Delta}^0p)$	23909	23539	1	30603
23911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0K^0K^{*-}D^+$ $(e^+e^- \to \rho^0K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+})$	23910	23540	1	30604
23912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	23911	23541	1	30605
23913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	23912	23542	1	30606
23914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*0})$	23913	23543	1	30607
23915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^+\bar{D}^0, \bar{B}^0 \to \pi^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^+K^+K^-D^+\bar{D}^0)$	23914	23544	1	30608
23916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^-\eta\eta'D^{*+}\bar{D}^{*-}a_1^+)$	23915	23545	1	30609
23917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to K^*D^+D^-$ $(e^+e^- \to K^*D^+D^-\bar{D}^{*-}D_s^+)$	23916	23546	1	30610
23918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-})$	23917	23547	1	30611
23919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+})$	23918	23548	1	30612

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*+})$	23919	23549	1	30613
23921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D_s^+D_s^{*-}, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta'D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^0\eta'D^-D_s^+D_s^{*-})$	23920	23550	1	30614
23922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}n\bar{\Xi}_c'^0)$	23921	23551	1	30615
23923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-D^-D^{*+})$	23922	23552	1	30616
23924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^{*-}D^-D^0\bar{D}^{*0})$	23923	23553	1	30617
23925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_0^{*+})$	2510	2504	1	30618
23926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K_S D^+\chi_{c1})$	23925	23555	1	30619
23927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^-D_2^{*+})$	23926	23556	1	30620
23928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-})$	23927	23557	1	30621
23929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-D^+\bar{D}^{*-})$	23928	23558	1	30622
23930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta'D^-D^{*+})$	23929	23559	1	30623
23931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^-D^{*0})$	23930	23560	1	30624
23932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}D_1^-)$	23931	23561	1	30625
23933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\eta D^+n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D^-n\bar{n})$	23932	23562	1	30626
23934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\rho^-\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-D^-\bar{D}^0)$	23933	23563	1	30627
23935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^-D^{*+}\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^-D^+D^{*+}\bar{\Sigma}^+\Sigma^-a_1^-)$	23934	23564	1	30628
23936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-)$	23935	23565	1	30629

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^+)$	23936	23566	1	30630
23938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D_0^{*+})$	23937	23567	1	30631
23939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^*D^+D^-\bar{D}^{*-})$	23938	23568	1	30632
23940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^+K^-K^{*+}D^-D^{*+}D^0)$	23939	23569	1	30633
23941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^0\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	23940	23570	1	30634
23942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \eta\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma_c^{*0})$	23941	23571	1	30635
23943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-})$	23942	15619	1	30636
23944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^*K^+D^-D^{*+})$	23943	23572	1	30637
23945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0\bar{D}^{*-}D^0D_1^+)$	23944	23573	1	30638
23946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^+K^-\bar{D}^0$ $(e^+e^- \to \pi^0\rho^+\omega K^-\bar{D}^0\Delta^0\bar{\Sigma}_c^{*0})$	23945	23574	1	30639
23947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^-D_s^+D_1^+)$	23946	23575	1	30640
23948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \rho^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\rho^-K^-D^{*0}\bar{D}^{*0}\bar{D}^{*0}D_s^{*+})$	23947	23576	1	30641
23949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D^-\bar{\Delta}^-p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^-D^{*+}\bar{\Delta}^-p)$	23948	23577	1	30642
23950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^{*+}D^{*+}\bar{D}^{*-})$	23949	23578	1	30643
23951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-n\bar{\Delta}^0, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \rho^0\pi^+D^-D_s^{*+}n\bar{\Delta}^0\bar{\Delta}^0\Sigma^-)$	23950	23579	1	30644
23952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\eta K^{*-}D^+D^-)$	23951	23580	1	30645
23953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\eta D^-\Delta^0\bar{\Delta}^0)$	23952	23581	1	30646

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^+ D^- D_s^{*+})$	23953	23582	1	30647
23955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^- p\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^- D^- D^{*+} n\bar{n} p\bar{\Delta}^+)$	23954	23583	1	30648
23956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-}a_1^-)$	23955	23584	1	30649
23957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\eta\eta D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\eta\eta D^{*+}D^0)$	23956	23585	1	30650
23958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+\rho^- D^+ n\bar{p}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega D^+ D^- n\bar{p})$	23957	23586	1	30651
23959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\rho^- D^+\bar{n}p$ $(e^+e^- \to \rho^-\rho^- K^+ D^+\bar{D}^{*-}D^{*0}\bar{n}p)$	23958	23587	1	30652
23960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\bar{K}^* D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^* D^- D^{*+}\bar{D}^0)$	23959	23588	1	30653
23961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+ K^-\eta_c$ $(e^+e^- \to \rho^+ K^-\bar{D}^{*-}D_s^{*+}\eta_c)$	23960	23589	1	30654
23962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^-\bar{n}\Sigma_c^0)$	23961	23590	1	30655
23963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- D^+ D^-)$	23962	15215	1	30656
23964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*+}D_s^-\gamma)$	497	497	1	30657
23965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^+ D^+ D^-, \bar{B}^0 \to \pi^+\rho^- D^{*+} p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^- K^+ D^+ D^- D^{*+} p\bar{\Delta}^{++})$	23964	23592	1	30658
23966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\Delta^{++}\bar{\Sigma}_c^{*--}, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}$ $(e^+e^- \to \pi^0\rho^-\Delta^+\Delta^{++}\bar{\Sigma}_c^{*0}\bar{\Sigma}_c^{*--})$	23965	23593	1	30659
23967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-}\eta_c)$	23966	23594	1	30660
23968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta\omega n\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\eta\omega\bar{D}^{*-}n\bar{\Lambda}_c^-)$	23967	23595	1	30661
23969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^-\pi^- D^- D_s^+\bar{p}\Sigma_c^{++})$	23968	23596	1	30662
23970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to \rho^0\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0 D^+ D^{*+}\bar{D}^{*-})$	23969	23597	1	30663

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^-\eta\bar{K}^0\bar{D}^0D_s^+J/\psi)$	23970	23598	1	30664
23972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0\bar{K}^0K^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+K^0\bar{K}^0K^+D^{*+}D_s^{*-})$	23971	23599	1	30665
23973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0}n\bar{\Delta}^0)$	23972	23600	1	30666
23974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega\omega\omega D^{*+}\bar{D}^{*-})$	23973	23601	1	30667
23975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0})$	23974	23602	1	30668
23976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^{*+}\gamma, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\eta D^+\bar{\Delta}^+\Sigma_c^{*+}\gamma)$	2512	2506	1	30669
23977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_1'^-, B^0 \to \pi^0D^-D_s^+$ $(e^+e^- \to \pi^0\rho^+D^-D_s^+D_1'^-)$	23976	23603	1	30670
23978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+D^+D^-)$	23977	23604	1	30671
23979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0\bar{D}^{*-}J/\psi)$	23978	23605	1	30672
23980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, B^0 \to \pi^+\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\eta D^-D_2^{*-})$	23979	23606	1	30673
23981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\bar{K}^0\bar{K}^*K^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{K}^*K^+\bar{D}^{*-})$	23980	23607	1	30674
23982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}D_s^{*-}D_1^+)$	23981	23608	1	30675
23983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^0\rho^+D^-\gamma$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+D^-D^-\gamma)$	23982	23609	1	30676
23984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+\eta_cD_1'^+)$	23983	23610	1	30677
23985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega D^{*+}D^0\bar{D}^0)$	23984	23611	1	30678
23986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\omega K^-D^+D^-\bar{D}^0)$	23985	23612	1	30679
23987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^{*+}D^{*0})$	23986	23613	1	30680

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
23988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^- D^+ D^- a_1^+)$	23987	23614	1	30681
23989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 K^- D^+ \bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta K^0 K^- D^+ D^{*+}\bar{D}^0)$	2513	2507	1	30682
23990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \pi^0 K^0 K^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^0 K^- D^+ D^{*+})$	23989	23616	1	30683
23991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^+\rho^+\rho^-\rho^- D^+\bar{D}^{*-})$	23990	23617	1	30684
23992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K_L J/\psi, B^0 \to \rho^0 K^+\bar{D}^{*-} D^0$ $(e^+e^- \to \rho^0 K_L K^+\bar{D}^{*-} D^0 J/\psi)$	23991	23618	1	30685
23993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0 K^{*+} D^+\bar{D}^{*-})$	23992	23619	1	30686
23994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^- K^+\eta_c$ $(e^+e^- \to \pi^- K^+\bar{D}^{*-}\eta_c a_1^+)$	23993	23620	1	30687
23995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0 D^- D_1'^+)$	23994	23621	1	30688
23996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to D^{*0} n\bar{n}$ $(e^+e^- \to e^+\nu_e D^{*0} n\bar{n} D_1^-)$	23995	23622	1	30689
23997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \omega\bar{K}^* K^{*+} D^+\bar{D}^{*-} n\bar{p})$	498	498	1	30690
23998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^- K^0 K^- D^+$ $(e^+e^- \to e^+\nu_e\rho^+\rho^- K^0 K^- D^+\bar{D}^{*-})$	23997	23624	1	30691
23999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^-, \bar{B}^0 \to \pi^+\pi^- D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^- D^{*+} D^{*+} D_s^-\Delta^-\bar{\Delta}^0)$	23998	23625	1	30692
24000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 K^+ K^- K^-\phi D_s^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\bar{K}^0 K^* K^+ K^- K^-\phi D^{*+} D_s^+)$	23999	23626	1	30693
24001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0 D^- D^{*+} D_s^+)$	24000	23627	1	30694
24002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\omega D^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega D^- D^{*+} D^{*+})$	24001	23628	1	30695
24003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to \pi^0\pi^-\pi^- D^+\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^-\pi^- K^+ D^+ D^- D^0\bar{p}\Delta^{++})$	24002	23629	1	30696
24004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\eta\omega\omega D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^+\eta\omega\omega D^-\bar{D}^{*-})$	24003	23630	1	30697

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0\bar{K}^*K^+D^-\bar{D}^{*-}D^{*0})$	24004	23631	1	30698
24006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega\omega\bar{D}^{*-}D^{*0})$	24005	23632	1	30699
24007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^-D^{*+}\Delta^+\bar{\Xi}_c^{*0})$	24006	23633	1	30700
24008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta D^+\bar{D}^{*-}D_s^+)$	24007	23634	1	30701
24009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	24008	23635	1	30702
24010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+}D_{s1}'^-)$	24009	23636	1	30703
24011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta\bar{K}^*$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^*K^+\bar{D}^{*-}D^0)$	24010	23637	1	30704
24012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \omega K^0\bar{K}^0K^-D_s^+$ $(e^+e^- \to \omega K^0\bar{K}^0K^-D^-D_s^+D_s^{*+})$	24011	23638	1	30705
24013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega\omega D^-D^{*+})$	24012	23639	1	30706
24014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	24013	23640	1	30707
24015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-)$	24014	23641	1	30708
24016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Sigma_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0\bar{K}^0D^{*+}\bar{\Sigma}^0\Sigma_c^{*0})$	24015	23642	1	30709
24017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^{*0}n\bar{\Lambda}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^0D^{*0}\bar{D}^{*0}n\bar{\Lambda})$	24016	23643	1	30710
24018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^0$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\eta\bar{K}^0D^0)$	24017	23644	1	30711
24019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_s^+\gamma)$	24018	23645	1	30712
24020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta' D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta' D^{*+}\bar{D}^{*-})$	24019	23646	1	30713
24021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to \pi^-D^-\bar{D}^{*0}D_s^+D_s^{*+})$	24020	23647	1	30714

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-K^+K^{*-}D^+D^-)$	24021	23648	1	30715
24023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_0^{*+})$	24022	15240	1	30716
24024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega K^{*+}K^{*-}D^+D^-)$	24023	23649	1	30717
24025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{K}^*K^+D^-, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\bar{K}^*K^+D^-D^-)$	24024	23650	1	30718
24026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0D^-D^-D^{*+})$	24025	23651	1	30719
24027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\omega\omega\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\omega\omega K^-D^{*+}\bar{D}^0\bar{D}^{*0})$	24026	23652	1	30720
24028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\omega K^-D^+\bar{D}^{*-}\bar{D}^0)$	24027	23653	1	30721
24029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\bar{K}^0\bar{K}^0K^{*+}D^-D^-D^{*+})$	24028	23654	1	30722
24030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}n\bar{p})$	24029	23655	1	30723
24031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-\psi')$	24030	23656	1	30724
24032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+D^+D^{*+}\bar{D}^{*0})$	24031	23657	1	30725
24033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	24032	23658	1	30726
24034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega\eta'D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega\eta'D^+\bar{D}^{*-})$	24033	23659	1	30727
24035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}D^{*0})$	24034	23660	1	30728
24036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to K^{*-}D^+$ $(e^+e^- \to \rho^0\bar{K}^0K^+K^{*-}D^+D^-)$	24035	23661	1	30729
24037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	24036	23662	1	30730
24038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-})$	24037	23663	1	30731

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^0\bar{\Delta}^+\Sigma_c^+)$	24038	23664	1	30732
24040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+D^-D_s^{*-})$	24039	23665	1	30733
24041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^0K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^0K^-D^+\bar{D}^{*0})$	24040	23666	1	30734
24042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-K^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^+\rho^-K^-D^{*+}D_1^-)$	24041	23667	1	30735
24043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^-\eta D^+\bar{D}^0$ $(e^+e^- \to \pi^-\rho^-\eta D^+\bar{D}^0\bar{D}^0D_s^{*+})$	24042	23668	1	30736
24044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\bar{K}^0D_0^{*-})$	24043	23669	1	30737
24045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*-})$	24044	23670	1	30738
24046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \tau^+\nu_\tau D_0^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_0^{*-}a_1^+)$	24045	23671	1	30739
24047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-D^+\bar{n}p$ $(e^+e^- \to \pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-}\bar{n}p)$	24046	23672	1	30740
24048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	24047	23673	1	30741
24049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	24048	23674	1	30742
24050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\omega D^+D^-D_s^-)$	24049	23675	1	30743
24051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\bar{D}^{*-}\bar{p}\Lambda_c^+D_{s1}'^+)$	24050	23676	1	30744
24052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-K^+K^-D^+, \bar{B}^0 \to \pi^+K^-\eta'\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\rho^-K^+K^-K^-\eta'D^+\bar{p}\Lambda_c^+)$	24051	23677	1	30745
24053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+D^{*0}, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-K^0K^+D^{*+}\bar{D}^{*-}D^{*0})$	24052	23678	1	30746
24054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^0D^{*+}D^{*0}\bar{D}^{*0})$	24053	23679	1	30747
24055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c1}, \bar{B}^0 \to \pi^+\pi^+\rho^-K^+K^{*-}K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^0K^+K^{*-}K^{*-}D^0\chi_{c1})$	24054	23680	1	30748

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_1^-)$	24055	23681	1	30749
24057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega K^0 D^0, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^* K^- D^{*+} D^0)$	24056	23682	1	30750
24058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^+ K^{*-}\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^- K^{*-} D^-\eta_c)$	24057	23683	1	30751
24059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^+\rho^- \bar{D}^{*-} D^{*0})$	24058	23684	1	30752
24060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^-\bar{K}^0 K^* D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 K^* D^+ D^-)$	24059	23685	1	30753
24061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+}\bar{D}^{*-})$	24060	23686	1	30754
24062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^-\omega\eta' D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\omega\eta' D^+ D^-)$	24061	23687	1	30755
24063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ K^-\eta_c(2S)$ $(e^+e^- \to \pi^0\pi^+\pi^+ K^-\bar{D}^{*-}\eta_c(2S))$	24062	23688	1	30756
24064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^0 K^{*+} K^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0 K^{*+} K^{*-} D^-)$	24063	23689	1	30757
24065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^-\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+)$	24064	23690	1	30758
24066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-} D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\bar{D}^{*-} D^0 D_1^-)$	24065	23691	1	30759
24067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+ p\bar{p}$ $(e^+e^- \to \pi^-\bar{K}^* K^+ D^+\bar{D}^{*-} p\bar{p})$	24066	23692	1	30760
24068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \pi^0\pi^+\pi^- K^{*+}\bar{D}^{*-}\bar{K}_1^0\psi')$	24067	23693	1	30761
24069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^0\bar{D}^{*0}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^- K^+ K^- D^{*+} D^0\bar{D}^{*0}\bar{D}^{*0})$	24068	23694	1	30762
24070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\bar{K}^0 K^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega\omega\bar{K}^0 K^+ K^- D^- D^0)$	24069	23695	1	30763
24071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\bar{D}^{*-} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-} n\bar{n})$	24070	23696	1	30764
24072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^*\bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^* D^+\bar{D}^0 D^{*0})$	24071	23697	1	30765

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^+D^0, \bar{B}^0 \to \pi^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^+K^+K^-D^+D^0)$	24072	23698	1	30766
24074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to K^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0K^-D^-\bar{\Delta}^0\Lambda_c^+)$	24073	23699	1	30767
24075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^+\bar{\Sigma}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}\Delta^+\bar{\Sigma}^{*0})$	24074	23700	1	30768
24076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\eta'$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta'D^-a_1^+)$	24075	23701	1	30769
24077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0p\bar{p}, B^0 \to \pi^0K^0D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0K^0\bar{D}^0D_s^+D_s^{*-}p\bar{p})$	24076	23702	1	30770
24078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \eta K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \eta K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	24077	23703	1	30771
24079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-D^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^+D^-\bar{D}^0)$	2515	2509	1	30772
24080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	24079	23705	1	30773
24081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\pi^+\omega\eta'D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\omega\eta'D^-D^-)$	24080	23706	1	30774
24082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\omega D^+\bar{D}^{*-})$	24081	23707	1	30775
24083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\phi D^+\bar{D}^{*-}D_s^-D_s^{*+})$	24082	23708	1	30776
24084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	24083	23709	1	30777
24085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D_s^-, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-K^0K^+K^-D^{*+}D_s^-)$	24084	23710	1	30778
24086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	499	499	1	30779
24087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \omega\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^-\omega K^0\bar{K}^0D^+D^-D^{*+}\bar{D}^{*0})$	24086	23712	1	30780
24088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^+K^-n\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Sigma_c^{*++})$	24087	23713	1	30781
24089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^*\bar{K}^*K^-D^-D^{*+})$	24088	23714	1	30782

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+D^+\bar{D}^{*-})$	24089	23715	1	30783
24091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\rho^-\eta D^{*+})$	24090	23716	1	30784
24092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^+K^{*-}D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega K^+K^{*-}D^-D^{*+}D_s^{*-})$	24091	23717	1	30785
24093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+n\bar{\Xi}_c^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}n\bar{\Xi}_c^{*-})$	24092	23718	1	30786
24094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0K^*D^{*+}\bar{p}\Lambda, \bar{B}^0 \to \pi^+\pi^+\pi^-K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*0}\bar{p}\Lambda)$	24093	23719	1	30787
24095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \bar{K}^*K^+\bar{D}^{*-}D^{*0}n\bar{n})$	24094	23720	1	30788
24096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D^{*+}\bar{\Sigma}^+\Sigma^0)$	24095	23721	1	30789
24097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Delta}^+)$	24096	23722	1	30790
24098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	24097	23723	1	30791
24099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0D^-D^0\bar{D}^{*0}a_1^+)$	24098	23724	1	30792
24100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^+D^-)$	24099	23725	1	30793
24101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+})$	24100	23726	1	30794
24102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^{*+}\Delta^0\bar{\Sigma}_c^-)$	24101	23727	1	30795
24103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta K^-K^{*+}K^{*+}D^{*+}D^{*+}\bar{D}^{*-})$	24102	23728	1	30796
24104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^0D^{*+}\bar{D}^{*-})$	24103	23729	1	30797
24105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0\bar{\Delta}^0\Omega_c^0, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^*D^+\bar{D}^{*-}\bar{\Delta}^0\Omega_c^0)$	24104	23730	1	30798
24106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-})$	24105	23731	1	30799

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^*D^{*+}\bar{D}^0)$	24106	23732	1	30800
24108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta D^-D^{*+})$	24107	23733	1	30801
24109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0D^0, \bar{B}^0 \to \pi^-K^{*+}K^{*-}\phi D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+K^0K^{*+}K^{*-}\phi D^+D^0)$	24108	23734	1	30802
24110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\omega\bar{K}^0D^+\bar{D}^{*-}D^0)$	24109	23735	1	30803
24111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Omega}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\Delta^0\bar{\Omega}_c^{*0})$	24110	23736	1	30804
24112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^+\bar{p}\Xi_c^0$ $(e^+e^- \to e^+\nu_eK^+D^-\bar{p}\Xi_c^0)$	24111	23737	1	30805
24113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega\bar{D}^{*-}\bar{n}p)$	24112	23738	1	30806
24114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0K^+D_s^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0K^+D^{*0}D_s^{*-})$	24113	23739	1	30807
24115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^-K^0\bar{K}^*D^+D^+\bar{D}^{*-})$	24114	23740	1	30808
24116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*K^+K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^0\bar{K}^*K^+K^-D^+D^{*+})$	24115	23741	1	30809
24117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^{*+}\eta'D^+\bar{D}^{*-})$	24116	23742	1	30810
24118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\bar{D}^{*-}\gamma)$	24117	23743	1	30811
24119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c'^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \bar{K}^0D^+n\bar{\Xi}_c'^0a_1^-)$	24118	23744	1	30812
24120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\eta K^0K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta K^0K^-D^+D^{*+})$	24119	23745	1	30813
24121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0\bar{K}^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	24120	23746	1	30814
24122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^+D^-n\bar{n})$	24121	23747	1	30815
24123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}D_2^{*+})$	24122	23748	1	30816

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^+D^-\bar{n}\Delta^0\bar{p}\Sigma_c^+)$	24123	23749	1	30817
24125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+D^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\rho^-\eta K^+D^+D^+D^-)$	24124	23750	1	30818
24126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}D_0^{*-})$	24125	23751	1	30819
24127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^+\omega\bar{K}^0D^-\bar{D}^{*-}D^{*0})$	24126	23752	1	30820
24128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^*\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^*D^{*+}\eta_c)$	24127	23753	1	30821
24129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^0D^{*0})$	24128	23754	1	30822
24130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\omega D^+D^{*+})$	24129	23755	1	30823
24131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^0K^{*-}D^{*+}D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	24130	23756	1	30824
24132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to e^+\nu_eK_2^{*0}D^-J/\psi)$	24131	23757	1	30825
24133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \rho^-K^0K^-D^{*+}p\bar{\Sigma}_c^0)$	24132	23758	1	30826
24134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Xi_c'^0$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Delta^+\bar{\Lambda}\Xi_c'^0)$	24133	23759	1	30827
24135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^*K^-D^{*+}\bar{D}^0)$	24134	23760	1	30828
24136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-D^+\bar{D}^0D_s^{*+})$	24135	23761	1	30829
24137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^0K^{*-}D^{*+}\bar{D}^{*-})$	24136	23762	1	30830
24138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to X_{sd}\gamma, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}X_{sd}\gamma)$	24137	23763	1	30831
24139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\omega D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega D^0\bar{D}^0\bar{D}^{*0})$	24138	23764	1	30832
24140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+})$	24139	23765	1	30833

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^0, B^0 \to \rho^0\pi^+\pi^-\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^-\bar{D}^0)$	24140	23766	1	30834
24142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\Delta^0\bar{\Sigma}_c^{*-})$	24141	23767	1	30835
24143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*D^-D^{*+}D_s^-\gamma)$	24142	23768	1	30836
24144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^{*+}\Sigma^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+}\bar{\Sigma}^{*+}\Sigma^{*-})$	24143	23769	1	30837
24145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	24144	23770	1	30838
24146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^0\bar{K}^0K^{*+}D^0, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\rho^-\omega\omega K^0K^0\bar{K}^0\bar{K}^*K^{*+}D^{*+}D^0)$	2517	2511	1	30839
24147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0D_s^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+K^0K^{*-}D^{*+}\bar{D}^{*0}D_s^-)$	24146	23772	1	30840
24148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	24147	23773	1	30841
24149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^*D^+D^+D^-)$	24148	23774	1	30842
24150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^-\bar{D}^0D_s^+)$	24149	23775	1	30843
24151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^-D^0D_s^+)$	24150	23776	1	30844
24152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{D}^{*-}D_s^{*+}\gamma, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\bar{D}^{*-}\bar{D}^0D_s^{*+}\gamma)$	24151	23777	1	30845
24153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^-D^{*+}\bar{D}^{*0}n\bar{\Sigma}_c^0)$	24152	23778	1	30846
24154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^-D_1^+)$	24153	23779	1	30847
24155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^0D_s^+D_s^+D_s^-)$	24154	23780	1	30848
24156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^+D^-)$	24155	23781	1	30849
24157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^-D^-)$	24156	23782	1	30850

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^*D^{*+}D_2^{*-}\bar{D}^{*0}D_s^{*+})$	24157	23783	1	30851
24159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	24158	23784	1	30852
24160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}n\bar{p})$	24159	23785	1	30853
24161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-D^{*+}\bar{D}^{*0})$	24160	23786	1	30854
24162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\bar{D}^0D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \eta K^0K^{*-}D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0})$	24161	23787	1	30855
24163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^-D^{*+}D^0)$	2518	2512	1	30856
24164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma_c^+)$	24163	23789	1	30857
24165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^{*-}D^{*+}D^{*+}\bar{D}^0)$	24164	23790	1	30858
24166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta\bar{K}^0\eta_c$ $(e^+e^- \to e^+\nu_e\rho^0\eta\bar{K}^0\bar{D}^{*-}\eta_c)$	24165	23791	1	30859
24167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to K^{*+}\Lambda\bar{\Sigma}_c^-$ $(e^+e^- \to \pi^+\eta K^{*+}D^-\Lambda\bar{\Sigma}_c^-)$	24166	23792	1	30860
24168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\psi', \bar{B}^0 \to \rho^0\pi^-K^+K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^-\bar{K}^*K^+K^{*-}D^+\psi')$	24167	23793	1	30861
24169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	24168	23794	1	30862
24170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^*K^-D^+D^-)$	24169	23795	1	30863
24171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\eta\eta\bar{D}^{*-}D_1^+)$	24170	23796	1	30864
24172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^0\bar{\Delta}^0\Sigma^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^0\bar{\Delta}^0\Sigma^0)$	24171	23797	1	30865
24173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	24172	23798	1	30866
24174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0K^*D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}_c^0)$	24173	23799	1	30867

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}n\bar{n})$	24174	23800	1	30868
24176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+D^-)$	24175	23801	1	30869
24177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^-D^{*+})$	24176	23802	1	30870
24178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^+\bar{D}^{*-}D_s^{*-})$	24177	23803	1	30871
24179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-D^+\bar{\Delta}^-n$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-D^+\bar{D}^{*-}\bar{\Delta}^-n)$	24178	23804	1	30872
24180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^+D^{*+}\bar{D}^{*-})$	24179	3401	1	30873
24181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^0, B^0 \to \pi^+\omega D^-n\bar{n}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\omega D^-\bar{D}^0n\bar{n})$	24180	23805	1	30874
24182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta'D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta'D^+D^-D_s^{*+})$	24181	23806	1	30875
24183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^-D^{*+}D_s^{*+})$	24182	23807	1	30876
24184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^+\eta K^0K^{*-}D^+\bar{D}^{*-})$	24183	23808	1	30877
24185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\bar{K}^0K^+D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}D^0)$	24184	23809	1	30878
24186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\omega D^{*+}D^{*+})$	24185	23810	1	30879
24187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-K^0\bar{K}^*D^{*+}D_1'^-)$	24186	23811	1	30880
24188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D_s^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^+D_s^+D_s^-)$	24187	23812	1	30881
24189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega\omega D^+D_0^{*-})$	2519	2513	1	30882
24190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0\bar{K}^0\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-K^0\bar{K}^0\bar{K}^0D^+\bar{D}^0\bar{D}^{*0}D_s^+)$	24189	23814	1	30883
24191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^-D^{*+}D^{*+})$	24190	23815	1	30884

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega K^+\bar{D}^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^+\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0})$	24191	23816	1	30885
24193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Sigma}^0\Xi_c^0$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0)$	24192	23817	1	30886
24194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\eta D^+D_1'^-)$	24193	23818	1	30887
24195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}n\bar{\Xi}_c'^-)$	24194	23819	1	30888
24196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^-K^+D^+\eta_c a_1^-)$	24195	23820	1	30889
24197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^{*+}D_s^+D_s^{*-})$	24196	23821	1	30890
24198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\omega K^+D^+D^{*+}\bar{D}^{*-})$	24197	23822	1	30891
24199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	24198	23823	1	30892
24200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-J/\psi, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+J/\psi)$	24199	23824	1	30893
24201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\pi^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^-D^{*+})$	24200	23825	1	30894
24202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \eta\bar{K}^0\eta_c$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0D^-\eta_c)$	24201	23826	1	30895
24203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta K^+D^-D^{*+}D^{*0})$	24202	23827	1	30896
24204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta' D^-, \bar{B}^0 \to \pi^0\eta D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta' D^+D^-\Delta^+\bar{\Delta}^{++})$	24203	23828	1	30897
24205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^+\bar{D}^{*-}\gamma)$	24204	23829	1	30898
24206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\eta D^-, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	24205	23830	1	30899
24207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-\bar{n}\Sigma^{*0}, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0K^{*+}D^-\bar{n}\bar{n}\Sigma^{*0}\Sigma_c^0)$	24206	23831	1	30900
24208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\bar{K}^0D^{*+}D^{*+}\bar{D}^{*0})$	24207	23832	1	30901

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+K^*D^+D^-D^0)$	24208	23833	1	30902
24210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^+\bar{D}^{*-})$	24209	23834	1	30903
24211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-\omega D^-D^{*0})$	24210	23835	1	30904
24212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^*K^+D^-D^{*+})$	24211	23836	1	30905
24213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}n\bar{n})$	24212	23837	1	30906
24214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+)$	24213	23838	1	30907
24215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^*D^+D^+\bar{D}^{*-})$	24214	23839	1	30908
24216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^0K^+K^+K^-K^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^+K^+K^-K^{*-}\bar{D}^{*-})$	24215	23840	1	30909
24217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0K^-\bar{\Lambda}\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^-\bar{D}^0\bar{\Lambda}\Lambda_c^+)$	24216	23841	1	30910
24218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, B^0 \to \pi^+\pi^-K^*\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-K^*\bar{D}^{*-}\bar{D}^0D^{*0}D_{s0}^{*+})$	24217	23842	1	30911
24219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{\Sigma}^0\Xi^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^0\Xi^0)$	24218	23843	1	30912
24220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0K^+K^-D^{*+}\bar{D}^{*0}a_1^-)$	24219	23844	1	30913
24221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\rho^+K^0\bar{K}^*D^-D^{*0})$	24220	23845	1	30914
24222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^0\bar{K}^*D^+D^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\bar{K}^*D^+D^+D^-)$	24221	23846	1	30915
24223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^*D^-D^{*+})$	24222	23847	1	30916
24224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}n\bar{n})$	24223	23848	1	30917
24225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_SJ/\psi, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K_SD^0J/\psi)$	24224	23849	1	30918

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^- D_s^+)$	24225	23850	1	30919
24227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\rho^0 D^{*+} nn\bar{p}\bar{\Sigma}_c^0)$	24226	23851	1	30920
24228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^+\bar{K}^0 K^* D^-$ $(e^+e^- \to \rho^0\pi^+\rho^+\bar{K}^0 K^* D^- \bar{D}^{*-})$	24227	23852	1	30921
24229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta' D^{*+} D^0\bar{D}^{*0})$	24228	23853	1	30922
24230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}^+, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to D^- D^{*+} n\bar{p} D_{s1}^+)$	24229	23854	1	30923
24231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^- K^0 D^+ D^0\bar{D}^{*0})$	24230	23855	1	30924
24232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	24231	23856	1	30925
24233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^- K^{*-} D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^* K^{*+} K^{*-}\bar{D}^{*-} D^0)$	24232	23857	1	30926
24234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0 K^+ D^- D^{*0})$	24233	23858	1	30927
24235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^- K^- K^{*+} D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^- K^- K^{*+} D^- D^{*+})$	24234	23859	1	30928
24236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^-\chi_{c1}, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^+ K^- D^{*+}\Delta^-\bar{n}\chi_{c1})$	24235	23860	1	30929
24237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta K^- K^{*+} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\eta K^- K^{*+} D^{*+}\bar{D}^{*0})$	24236	23861	1	30930
24238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ K^0 D^+ D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0 K^+ D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+ K^0\bar{K}^0 K^+ D^+ D^+ D^-)$	24237	23862	1	30931
24239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \omega D^-\bar{\Sigma}^0\Sigma^+, B^0 \to \pi^0\pi^0\pi^0\pi^0 K^0 D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\omega K^0 D^- D^0\bar{D}^0\bar{\Sigma}^0\Sigma^+)$	24238	23863	1	30932
24240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta' D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0 K^*\eta' D^- D^{*+})$	24239	23864	1	30933
24241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^* D^- D^{*+}\bar{D}^{*-} D_s^{*+})$	24240	5209	1	30934
24242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega D^+ D^- D_s^+)$	24241	23865	1	30935

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{p}\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-}\bar{p}\Sigma_c^{*+})$	24242	23866	1	30936
24244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^0\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\rho^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+K^*D^0\bar{D}^0)$	24243	23867	1	30937
24245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^-K^0\bar{K}^0K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^-\rho^+K^0\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-}\gamma)$	24244	23868	1	30938
24246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\rho^-D_1'^+)$	24245	23869	1	30939
24247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^-D^0D_s^{*+})$	24246	23870	1	30940
24248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}D^{*0})$	2520	2514	1	30941
24249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	24248	23872	1	30942
24250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to K^*D^{*0}\bar{D}^{*0}D_s^-D_1'^+)$	24249	23873	1	30943
24251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\bar{K}^*J/\psi$ $(e^+e^- \to e^+\nu_e\rho^0\bar{K}^*D^-J/\psi)$	24250	23874	1	30944
24252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-})$	24251	23875	1	30945
24253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^{*0}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D^{*0}D_s^-)$	24252	23876	1	30946
24254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	24253	23877	1	30947
24255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}a_1^-)$	24254	23878	1	30948
24256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c2})$	24255	23879	1	30949
24257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta\omega D^+\bar{D}^{*-})$	24256	23880	1	30950
24258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^+\eta'D^{*+}\Lambda\bar{\Sigma}_c^-)$	24257	23881	1	30951
24259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{D}^{*-}\bar{n}\Delta^+D_1'^+)$	24258	23882	1	30952

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}D^0a_1^+)$	24259	23883	1	30953
24261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega K^0D^-D^{*+})$	24260	23884	1	30954
24262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*D^-, \bar{B}^0 \to \omega\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\omega K^*\bar{K}^*D^-\bar{n}\Sigma_c^{*0})$	24261	23885	1	30955
24263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^-D^{*+}D_s^+)$	24262	23886	1	30956
24264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0K^*D^{*+}D^{*+}\Delta^-\bar{n})$	24263	23887	1	30957
24265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\eta\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta K^0K^-K^-D^+D^0\bar{D}^{*0})$	24264	23888	1	30958
24266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D_1'^+)$	24265	23889	1	30959
24267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\omega\omega K^0\bar{D}^{*-}D^{*0})$	24266	23890	1	30960
24268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	24267	23891	1	30961
24269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^-D^{*+})$	24268	23892	1	30962
24270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^-D^{*+}p\bar{p})$	24269	23893	1	30963
24271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	2521	2515	1	30964
24272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^{*-})$	24271	23895	1	30965
24273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^-D^+\Delta^0\bar{\Sigma}_c^0)$	24272	23896	1	30966
24274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\bar{D}^0, B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^-\bar{D}^0D_s^+)$	24273	23897	1	30967
24275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\omega K^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	24274	23898	1	30968
24276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D_s^-, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\bar{K}^0K^+D_s^-J/\psi)$	24275	23899	1	30969

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{n}\Sigma_c^+ D_1^-)$	24276	23900	1	30970
24278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\eta D^+D^-)$	2522	2516	1	30971
24279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0 D^+\bar{D}^{*0})$	24278	23902	1	30972
24280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0K^0D_s^+D_s^-, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^0D^-D_s^+D_s^-)$	24279	23903	1	30973
24281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^-\bar{K}^0K^+D^+\bar{n}\Lambda_c^+)$	24280	23904	1	30974
24282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0D^+D^-D^{*+})$	24281	23905	1	30975
24283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+D^-D_s^{*-})$	24282	23906	1	30976
24284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^*K^{*-}D^+D^{*0})$	24283	23907	1	30977
24285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to K_L\chi_{c1}$ $(e^+e^- \to \pi^0K_L\bar{K}^0K^+D^-\chi_{c1})$	24284	23908	1	30978
24286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta' D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0\eta' D^-D^0\bar{D}^{*0})$	24285	23909	1	30979
24287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Lambda\bar{\Lambda}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^-\eta\omega D^{*+}\bar{D}^{*0}\Lambda\bar{\Lambda})$	24286	23910	1	30980
24288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega K^0D_s^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^0\bar{D}^{*-}D_s^-)$	24287	23911	1	30981
24289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-D^-D^{*0}D_s^+)$	24288	23912	1	30982
24290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^-\pi^-\eta D^+\bar{n}p$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{n}p\Delta^+\bar{\Sigma}_c^{*--})$	24289	23913	1	30983
24291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^+K^-D^+\bar{D}^{*-})$	24290	23914	1	30984
24292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_2^{*0}J/\psi D_0^{*+})$	24291	23915	1	30985
24293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\omega\eta' D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega\eta' D^{*+}D^{*0})$	24292	23916	1	30986

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta K^{*+}D^+\bar{D}^{*-}D^{*0})$	2	2	1	30987
24295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \omega K^{*-}D^-D^{*+}\bar{D}^0\bar{n}p)$	24294	23918	1	30988
24296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\eta\bar{K}^*\eta'$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\eta\bar{K}^*K^+K^{*-}\eta'\bar{D}^{*-})$	24295	23919	1	30989
24297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to K^-\bar{\Lambda}\Lambda_c^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^-\bar{\Lambda}\Lambda_c^+D_1'^+)$	501	501	1	30990
24298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^-D^{*+}D_{s1}'^+)$	24297	23921	1	30991
24299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-n\bar{n}, \bar{B}^0 \to \rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-D^-D^{*+}n\bar{n})$	502	502	1	30992
24300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \rho^+K^+K^-\bar{D}^{*-}D^{*0}J/\psi)$	24299	23923	1	30993
24301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}n\bar{p})$	24300	23924	1	30994
24302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{D}^{*0})$	24301	15660	1	30995
24303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^*K^+D^+\bar{D}^{*-})$	24302	23925	1	30996
24304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^+D^-)$	24303	23926	1	30997
24305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^0D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	24304	23927	1	30998
24306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \omega K^+D^+\bar{p}\Sigma^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega K^0\bar{K}^0K^+D^+\bar{D}^{*-}\bar{p}\Sigma^-)$	24305	23928	1	30999
24307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\eta'D^+D^-D_{s1}^+)$	24306	23929	1	31000
24308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\bar{K}^0D^-D^0D_1'^-)$	24307	23930	1	31001
24309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+D^-D^{*+})$	24308	23931	1	31002
24310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega K^0D^{*+}\bar{D}^{*-}D^0)$	24309	23932	1	31003

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0D^{*0}D_s^-)$	24310	23933	1	31004
24312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to e^+\nu_eD_1^-$ $(e^+e^- \to e^+e^+\nu_e\nu_eD^-D_1^-)$	503	503	1	31005
24313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\omega K^0\bar{K}^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	24312	23935	1	31006
24314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-K^0\bar{K}^0D^{*+}D_0^{*-})$	24313	23936	1	31007
24315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+K^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+K^{*-}\bar{D}^{*-})$	24314	23937	1	31008
24316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^-D_s^{*-}D_1'^+)$	24315	23938	1	31009
24317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^+n\bar{p})$	24316	23939	1	31010
24318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^+D_1^-)$	24317	23940	1	31011
24319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\omega\omega D^-D^{*+})$	24318	23941	1	31012
24320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^+)$	24319	23942	1	31013
24321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^-K^+\eta' D^+D^-D^0)$	24320	23943	1	31014
24322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D_2^{*+}D_s^-D_1'^+)$	24321	23944	1	31015
24323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K_L\chi_{c0}$ $(e^+e^- \to K_L\bar{D}^{*-}\chi_{c0}a_1^+)$	24322	23945	1	31016
24324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^0D^+D^{*+}\bar{D}^{*0})$	24323	23946	1	31017
24325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\bar{D}^{*-}D_1'^+)$	24324	23947	1	31018
24326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^0D^+D^{*+}\bar{D}^0)$	24325	23948	1	31019
24327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+K^+\bar{D}^0, \bar{B}^0 \to \omega\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^+\bar{D}^0\bar{n}\Sigma_c^{*0})$	24326	23949	1	31020

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^+\rho^-\omega D^-D^{*+})$	2527	2521	1	31021
24329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\omega D^{*+}D_0^{*-})$	24328	23951	1	31022
24330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^+K^-D^+\bar{D}^{*-})$	24329	23952	1	31023
24331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^+K^-D^{*+}\bar{D}^{*-})$	24330	23953	1	31024
24332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to K^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^*D^-D^{*+}D_0^{*-})$	24331	23954	1	31025
24333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-K^-D^{*+}n\bar{\Sigma}^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-K^-D^+D^{*+}n\bar{\Sigma}^+)$	24332	23955	1	31026
24334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^+D^+\bar{D}^{*-}D^0)$	24333	23956	1	31027
24335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^0\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^0)$	24334	23957	1	31028
24336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-\omega K^{*+}D^{*+}\bar{D}^{*-})$	24335	23958	1	31029
24337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-K^0D^+D^{*+})$	24336	23959	1	31030
24338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta_c, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\eta_c)$	24337	23960	1	31031
24339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\pi^-\pi^-D^+\bar{\Sigma}^+\Sigma^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\pi^-D^+D^{*+}\bar{\Sigma}^+\Sigma^+)$	24338	23961	1	31032
24340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^-K^+D^+D^-D^{*+}D_s^-)$	24339	23962	1	31033
24341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*0})$	24340	23963	1	31034
24342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	24341	8733	1	31035
24343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\eta\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	24342	23964	1	31036
24344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\eta\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^{*-})$	24343	23965	1	31037

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^*\bar{\Delta}^+\Xi_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*\bar{D}^{*-}\bar{\Delta}^+\Xi_c^+)$	24344	23966	1	31038
24346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^-D^-)$	24345	23967	1	31039
24347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^+D^-\bar{\Delta}^-\Delta^-)$	24346	23968	1	31040
24348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta D^{*+}n\bar{\Xi}_c'^-)$	24347	23969	1	31041
24349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega D^-\gamma$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\omega D^-\bar{D}^{*-}\gamma)$	24348	23970	1	31042
24350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	24349	23971	1	31043
24351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	24350	23972	1	31044
24352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{D}^{*0})$	24351	23973	1	31045
24353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^+D^-\bar{D}^0)$	24352	23974	1	31046
24354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-})$	24353	23975	1	31047
24355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*0})$	24354	23976	1	31048
24356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+})$	24355	23977	1	31049
24357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0K^*D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	24356	23978	1	31050
24358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta\omega D^+D^{*+})$	24357	23979	1	31051
24359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^-D^{*+}D_2^{*-}\bar{D}^{*0})$	24358	23980	1	31052
24360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-\bar{D}^0D_1'^+)$	24359	23981	1	31053
24361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \pi^+\omega D^+D^-D_s^{*-}\gamma)$	24360	23982	1	31054

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*K^*K^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*K^*K^-\bar{p}\Lambda_c^+)$	24361	23983	1	31055
24363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to K^0D^-D^-D^{*+}D^{*+})$	24362	23984	1	31056
24364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, B^0 \to \rho^+\omega K^0\bar{K}^0D^-$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^*K^+D^-\bar{D}^{*-})$	24363	23985	1	31057
24365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\eta\omega\omega D^+\bar{D}^{*-})$	24364	23986	1	31058
24366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^+)$	24365	23987	1	31059
24367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\omega\omega\omega\omega D^+D^-)$	24366	23988	1	31060
24368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to K_L\pi^+\pi^-D^-D_s^+\psi')$	24367	23989	1	31061
24369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega\eta' D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^0\eta' D^+\bar{D}^{*0})$	24368	23990	1	31062
24370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-D_1^+)$	24369	23991	1	31063
24371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^-\bar{K}^*\bar{D}^0D_s^+\psi')$	2528	2522	1	31064
24372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}D^0\bar{D}^{*0})$	24371	23993	1	31065
24373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^{*+}n\bar{p})$	24372	23994	1	31066
24374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \phi D^-D_s^{*+}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\phi D^-\bar{D}^{*-}D_s^{*+})$	24373	23995	1	31067
24375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^-D^{*0})$	24374	23996	1	31068
24376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta D^+D^-)$	24375	23997	1	31069
24377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \rho^0\eta K^*K^-D^+$ $(e^+e^- \to \rho^0\eta K^*K^*K^-D^+D^-D^{*+})$	24376	23998	1	31070
24378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*+}D_s^{*+}n\bar{p})$	24377	23999	1	31071

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*0})$	24378	24000	1	31072
24380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \rho^+D^-D^0D_s^+D_s^{*-})$	24379	24001	1	31073
24381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^{*+}\bar{D}^{*-})$	24380	1737	1	31074
24382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^+\rho^-\omega\omega\bar{K}^0K^{*+}D^-D^{*0})$	24381	24002	1	31075
24383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+D^{*+})$	24382	20024	1	31076
24384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\eta K^*K^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta K^*K^-\eta' D^-D^{*+})$	24383	24003	1	31077
24385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^+D^-)$	24384	24004	1	31078
24386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\omega\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-})$	24385	24005	1	31079
24387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-})$	24386	24006	1	31080
24388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^+D^-)$	24387	24007	1	31081
24389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+K^+K^{*-}D^-D^{*+})$	24388	24008	1	31082
24390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^0K^+K^+K^-D^-D^{*+})$	24389	24009	1	31083
24391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^*D^{*0}, \bar{B}^0 \to \pi^0D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^-\rho^+K^*D^{*+}D^{*0}n\bar{\Delta}^+)$	24390	24010	1	31084
24392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-}n\bar{p})$	24391	24011	1	31085
24393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^{*+}D^+D^-D^0)$	24392	24012	1	31086
24394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0K^0\psi(3770)$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0\bar{D}^{*-}\psi(3770))$	24393	24013	1	31087
24395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^-\eta D^+D^-\bar{\Delta}^-\Delta^0)$	24394	24014	1	31088

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega\omega\bar{K}^0K^+D^-D^{*+})$	24395	24015	1	31089
24397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-D^-\bar{D}^{*-}a_1^+)$	24396	24016	1	31090
24398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\eta D^{*0}$ $(e^+e^- \to \pi^0\eta D^-D^{*0}D_s^{*+})$	24397	24017	1	31091
24399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0D_s^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+K^0D^0D_s^{*-}D_s^{*-})$	2529	2523	1	31092
24400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0K^{*+}\bar{D}^{*-}D^{*0}D^{*0})$	24399	24019	1	31093
24401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}\bar{n}p)$	24400	24020	1	31094
24402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{n}, \bar{B}^0 \to \rho^0\pi^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^*D^+D^+\Delta^-\bar{n})$	24401	24021	1	31095
24403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^*D^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^*D^+D^{*+}\bar{D}^{*0})$	24402	24022	1	31096
24404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \rho^+\bar{D}^{*-}D^0D_s^-D_s^{*+})$	24403	24023	1	31097
24405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	24404	24024	1	31098
24406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0\bar{K}^0D^+D^-\bar{n}p)$	24405	24025	1	31099
24407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta\omega D^{*+}D^0)$	24406	24026	1	31100
24408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*-}D_{s1}'^+)$	24407	24027	1	31101
24409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+K^0K^{*-}D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^0K^{*-}D^-D^0)$	24408	24028	1	31102
24410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}n\bar{\Xi}_c'^-)$	24409	24029	1	31103
24411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^*K^+K^-D^+D^{*+}\bar{D}^0)$	24410	24030	1	31104
24412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-D^-D_0^{*+})$	24411	24031	1	31105

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{K}^*K^{*+}\eta', \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \rho^-\bar{K}^0\bar{K}^*K^{*+}\eta'\bar{\Delta}^0\Sigma_c^{*0})$	24412	24032	1	31106
24414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^{*+}D^-D^{*+}D^0)$	24413	24033	1	31107
24415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^-K^+K^-D^+\bar{D}^{*0})$	24414	24034	1	31108
24416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^*D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	24415	24035	1	31109
24417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-K^{*+}J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^{*+}\bar{D}^{*-}J/\psi)$	24416	24036	1	31110
24418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\eta'D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\eta'D^-D^0D_s^{*-})$	24417	24037	1	31111
24419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-D_{s1}^+)$	24418	24038	1	31112
24420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-\rho^+\omega K^-K^{*+}D^{*+}\bar{D}^{*0}a_1^-)$	24419	24039	1	31113
24421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\eta D^-D^{*0})$	24420	24040	1	31114
24422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^-\eta\eta'D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-\eta\eta'D^{*+})$	24421	24041	1	31115
24423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^-\omega\bar{K}^*D_s^{*+}$ $(e^+e^- \to \rho^-\omega\bar{K}^*D^-D_s^{*+}D_{s1}'^+)$	24422	24042	1	31116
24424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega D^-D^{*+}D_{s1}'^-)$	24423	24043	1	31117
24425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^{*-}D_0^{*-})$	24424	24044	1	31118
24426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^0J/\psi, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0\bar{D}^{*-}J/\psi)$	24425	24045	1	31119
24427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\omega\bar{K}^0D^-\bar{D}^{*-}D^{*0})$	24426	24046	1	31120
24428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_1'^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\eta D^+D_1'^+)$	24427	24047	1	31121
24429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{\Lambda}\Xi^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\omega D^+\bar{D}^{*-}\bar{\Lambda}\Xi^{*-})$	24428	24048	1	31122

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega D^+\bar{D}^{*0})$	24429	24049	1	31123
24431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	24430	24050	1	31124
24432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to e^+\nu_e D_s^{*-}D_0^{*-}D_1'^+)$	24431	24051	1	31125
24433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \tau^+\nu_\tau D^-D_2^{*+}D_s^-)$	24432	24052	1	31126
24434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D^{*+}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0D^-D^-D^{*+}D^{*+})$	24433	24053	1	31127
24435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^+\bar{D}^{*-}p\bar{p})$	24434	24054	1	31128
24436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+n\bar{p}D_0^{*+})$	24435	24055	1	31129
24437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-\bar{D}^{*-}D_s^{*+})$	24436	24056	1	31130
24438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	24437	24057	1	31131
24439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\eta\omega D^+D^-)$	24438	24058	1	31132
24440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-K^0K^*K^-K^-D^{*+}\bar{D}^{*-})$	24439	24059	1	31133
24441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \pi^0\pi^0K_2^{*0}K^+\bar{D}^{*-}D^{*0}J/\psi)$	24440	24060	1	31134
24442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \omega K^{*+}K^{*-}D^0$ $(e^+e^- \to \rho^-\omega K^{*+}K^{*-}D^{*+}D^0\Delta^0\bar{\Delta}^0)$	24441	24061	1	31135
24443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta'D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\eta'D^+\bar{D}^{*-})$	24442	24062	1	31136
24444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta D^+D^+D_s^{*-})$	24443	24063	1	31137
24445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega D^+\Delta^+\bar{\Sigma}_c^{*0})$	24444	24064	1	31138
24446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \eta\omega\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	24445	24065	1	31139

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0)$	24446	24066	1	31140
24448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\eta D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^+D^-\Sigma^0\bar{\Sigma}^0)$	24447	24067	1	31141
24449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-D_{s1}'^+)$	24448	24068	1	31142
24450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*D^{*+}\bar{D}^{*-}D^0)$	24449	24069	1	31143
24451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	24450	24070	1	31144
24452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-}D^0D_{s1}'^+)$	24451	24071	1	31145
24453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega K^0D^+\bar{D}^{*0})$	24452	24072	1	31146
24454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+D^-D^{*0})$	24453	24073	1	31147
24455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\eta K^*K^-D^+\bar{D}^{*-})$	24454	24074	1	31148
24456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^+D^{*+})$	24455	24075	1	31149
24457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0\bar{K}^0K^-D^-D^-D^{*+})$	24456	24076	1	31150
24458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0\rho^0\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-)$	24457	24077	1	31151
24459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0K^-p\bar{\Delta}^+\bar{\Sigma}_c^-\Sigma_c^{*++})$	24458	24078	1	31152
24460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^{*-}D^{*+}\Delta^+\bar{\Xi}_c^{*0})$	24459	24079	1	31153
24461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*+})$	24460	14855	1	31154
24462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+\eta' D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+K^+\eta' D^-D^{*+}D^{*0})$	24461	24080	1	31155
24463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-D^-D^-)$	24462	24081	1	31156

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \omega K^0\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \mu^+\nu_\mu\omega K^0\bar{K}^0K^{*+}D^-D^-)$	24463	24082	1	31157
24465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{p}\Xi_c'^0)$	24464	24083	1	31158
24466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}\Sigma^{*0}\bar{\Sigma}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^-K^{*+}\bar{n}\Sigma^{*0}\bar{\Sigma}^{*-}\Sigma_c^+)$	24465	24084	1	31159
24467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega K^0D^{*+}n\bar{\Sigma}_c^{*0})$	24466	24085	1	31160
24468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \omega K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0\bar{K}^0\bar{K}^*D^{*+})$	24467	24086	1	31161
24469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+K^{*+}D^-\bar{D}^{*-})$	24468	24087	1	31162
24470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\bar{K}^0K^*D^+D_2^{*-})$	24469	24088	1	31163
24471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^-\bar{n}\Xi_c'^+$ $(e^+e^- \to e^+\nu_eX_u^-\pi^-\bar{n}\Xi_c'^+)$	24470	24089	1	31164
24472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\eta\omega K^*K^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\omega K^*K^-D^+D^+)$	24471	24090	1	31165
24473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0K^{*-}\bar{\Sigma}^{*0}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+K^{*-}n\bar{\Sigma}^{*0}\Lambda_c^+\bar{\Sigma}_c^-)$	24472	24091	1	31166
24474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0\chi_{c0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-\chi_{c0})$	24473	24092	1	31167
24475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0K^+K^-\phi D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^-K^0K^+K^-\phi D^-\bar{\Delta}^+\Sigma_c^{++})$	24474	24093	1	31168
24476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\bar{K}^*$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\bar{K}^*\bar{D}^{*-})$	24475	24094	1	31169
24477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^+\rho^-K^0\bar{K}^0K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-K^0\bar{K}^0K^{*-}D^-)$	24476	24095	1	31170
24478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^0K^-D^+\bar{D}^{*-})$	24477	24096	1	31171
24479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^{*0}D_s^-)$	24478	24097	1	31172
24480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-})$	24479	24098	1	31173

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^+K^-D^-D^{*+})$	24480	24099	1	31174
24482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Xi_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^-\bar{\Delta}^0\Xi_c^{*+})$	24481	24100	1	31175
24483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{K}^0K^-D_s^{*+}D_1^-)$	24482	24101	1	31176
24484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-})$	24483	24102	1	31177
24485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\eta K^*K^-D^-, \bar{B}^0 \to \pi^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta K^*K^*K^-K^{*-}D^-D^{*+})$	24484	24103	1	31178
24486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega D^+D^-)$	24485	24104	1	31179
24487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}a_1^+)$	24486	24105	1	31180
24488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+n\bar{\Xi}_c^-)$	24487	24106	1	31181
24489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+n\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*0}n\bar{\Lambda})$	24488	24107	1	31182
24490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^*K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^*K^-D^{*+}\bar{D}^{*-})$	24489	24108	1	31183
24491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^+\rho^-K^-D_s^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta K^-D^-D_s^+)$	24490	24109	1	31184
24492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*\bar{K}^*\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*0})$	24491	24110	1	31185
24493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\eta D^+\bar{D}^{*-}D_s^-)$	24492	24111	1	31186
24494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}D_s^+)$	24493	24112	1	31187
24495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta\bar{D}^{*-}D_1^+)$	24494	24113	1	31188
24496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0K^0K^-D^{*+}\bar{D}^{*-})$	24495	24114	1	31189
24497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\bar{K}^*K^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta\bar{K}^*K^+\bar{D}^0D_1^+)$	24496	24115	1	31190

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega\bar{K}^0D^-\bar{D}^0)$	24497	24116	1	31191
24499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \rho^0\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta'D^+D^-\bar{n}p)$	24498	24117	1	31192
24500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, B^0 \to \rho^+K^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\rho^+K^0D^-\bar{D}^{*-}D^0D_s^{*+})$	24499	24118	1	31193
24501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+})$	24500	24119	1	31194
24502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\eta K^0\bar{K}^0D^-D^{*+}D_s^{*-})$	24501	24120	1	31195
24503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c2}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^0D^{*+}\chi_{c2})$	24502	24121	1	31196
24504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta D^-D_1^+)$	24503	24122	1	31197
24505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^{*-})$	24504	24123	1	31198
24506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta K^+D^+\bar{D}^{*-}D^{*0})$	24505	24124	1	31199
24507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}n\bar{p})$	24506	24125	1	31200
24508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, B^0 \to \pi^0\pi^0\pi^0\pi^0\bar{D}^{*-}\bar{n}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-}\bar{n}\Delta^+)$	24507	24126	1	31201
24509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\bar{K}^0D^-D^{*+})$	24508	24127	1	31202
24510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^0, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0K^-\bar{D}^0\eta_c)$	24509	24128	1	31203
24511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\pi^-D^+D^{*0})$	2530	2524	1	31204
24512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\psi', \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0D^+D_s^{*-}\psi')$	24511	24130	1	31205
24513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^{*-}D^+D^+\bar{D}^{*0})$	24512	24131	1	31206
24514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\eta\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^0D^0\bar{D}^{*0})$	24513	24132	1	31207

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^+D^-\bar{\Delta}^-\Delta^-)$	24514	24133	1	31208
24516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\phi D^{*+}\bar{D}^{*-}D_s^+)$	24515	24134	1	31209
24517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0K^0\bar{K}^0K^-D^{*+}D^{*+}\bar{D}^0)$	24516	24135	1	31210
24518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \rho^-\eta D^{*+}p\bar{p}$ $(e^+e^- \to \rho^-\rho^-\eta\omega D^{*+}D^{*+}p\bar{p})$	24517	24136	1	31211
24519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\eta\eta\omega D^+\bar{D}^{*-})$	24518	24137	1	31212
24520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0K^+D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}D^0)$	24519	24138	1	31213
24521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+J/\psi K_1^0)$	24520	24139	1	31214
24522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\omega D^+D^-\bar{D}^{*0})$	24521	24140	1	31215
24523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	24522	24141	1	31216
24524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-K^+D^{*+}D_s^-)$	24523	24142	1	31217
24525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	24524	24143	1	31218
24526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^0)$	2531	2525	1	31219
24527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0D^{*+}D^{*0}\bar{D}^{*0})$	24526	24145	1	31220
24528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	24527	24146	1	31221
24529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta\bar{K}^0K^{*+}D^-D^{*+})$	24528	24147	1	31222
24530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c1}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta K_SD^+\chi_{c1})$	24529	24148	1	31223
24531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0D_s^+)$	24530	24149	1	31224

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-D^+D_2^{*-}D_s^{*+})$	24531	24150	1	31225
24533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega K^0K^{*-}D^-D^{*+}D_s^{*+})$	24532	24151	1	31226
24534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta K^+K^-D^+\bar{D}^{*-}\gamma)$	24533	24152	1	31227
24535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\eta\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	24534	24153	1	31228
24536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0D^{*0}\bar{D}^{*0}\bar{n}\Sigma_c^+)$	24535	24154	1	31229
24537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-})$	24536	24155	1	31230
24538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\eta_c, \bar{B}^0 \to \rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \rho^0K^0\bar{K}^0K^{*-}D^{*+}\eta_c)$	24537	24156	1	31231
24539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0K^0K^+K^-K^-D^+$ $(e^+e^- \to \rho^0K^0K^+K^+K^-K^-D^+p\bar{\Sigma}_c^{--})$	24538	24157	1	31232
24540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega\bar{D}^{*-}D^{*0})$	24539	24158	1	31233
24541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*0}n\bar{\Lambda}_c^-)$	24540	24159	1	31234
24542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-p\bar{p}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^-p\bar{p}D_0^{*+})$	24541	24160	1	31235
24543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \pi^0\pi^+\rho^-K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-K^+\bar{D}^{*-}D_1'^-)$	24542	24161	1	31236
24544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to K^*\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^+\eta K^*D^-\bar{n}\Xi_c'^0)$	24543	24162	1	31237
24545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-D^-D^-)$	24544	24163	1	31238
24546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^0\eta'\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0\eta'D^{*+}\bar{D}^0)$	24545	24164	1	31239
24547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+D^+\bar{D}^{*-})$	24546	24165	1	31240
24548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+D^{*0}\bar{p}\Lambda$ $(e^+e^- \to e^+\nu_e\pi^+D^-D^{*0}\bar{p}\Lambda)$	24547	24166	1	31241

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0 K^* K^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^* K^- D^{*+} D^{*+})$	24548	24167	1	31242
24550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D'^-_{s1}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\eta'$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\eta' D^{*+} D'^-_{s1})$	24549	24168	1	31243
24551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	24550	24169	1	31244
24552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^-\rho^+\eta D^{*0})$	24551	24170	1	31245
24553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0 D^+\bar{D}^{*-} D_2^{*-})$	24552	24171	1	31246
24554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+ K^{*-} D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta K^+ K^{*-} D^- D^{*+})$	24553	24172	1	31247
24555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \eta D^+\bar{D}^{*-}\bar{n}\Delta^0 p\bar{p})$	24554	24173	1	31248
24556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+ D'^-_{s1}$ $(e^+e^- \to \pi^+\eta D^+\bar{D}^{*-} D'^-_{s1})$	24555	24174	1	31249
24557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\eta D^+ D^{*+})$	24556	24175	1	31250
24558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \omega\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \omega D^-\bar{\Delta}^-\Delta^0\bar{\Delta}^+\Lambda_c^+)$	24557	24176	1	31251
24559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^+\bar{D}^{*-} a_1^+\gamma)$	24558	24177	1	31252
24560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+ K^* K^*\bar{K}^* K^- D^{*+}\bar{D}^{*-})$	24559	24178	1	31253
24561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^+ D^+\bar{p}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^- K^+ D^+\bar{D}^{*-}\bar{p}\Lambda)$	24560	24179	1	31254
24562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\pi^- D^{*+}\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^- D^- D^{*+}\bar{n}p)$	24561	24180	1	31255
24563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-\bar{K}^0 K^+ D^+ D^-)$	24562	24181	1	31256
24564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^+ D_s^+ D_s^-)$	24563	24182	1	31257
24565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}\bar{n}p)$	24564	24183	1	31258

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^+ D^-, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 K^0 D^+ D^+ D^-)$	24565	24184	1	31259
24567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 \bar{D}^{*-} \bar{\Delta}^0 \Delta^+, B^0 \to \pi^+\pi^+\pi^- \eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- \eta D^- \bar{D}^{*-} \bar{\Delta}^0 \Delta^+)$	24566	24185	1	31260
24568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- \omega\omega D^+$ $(e^+e^- \to e^+\nu_e \rho^0\pi^+\pi^-\pi^- \omega\omega D^+ \bar{D}^{*-})$	24567	24186	1	31261
24569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\pi^- \bar{K}^0 K^* K^+ K^{*-} D^+$ $(e^+e^- \to e^+\nu_e \pi^0\pi^- \bar{K}^0 K^* K^+ K^{*-} D^+ D_1'^-)$	504	504	1	31262
24570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega \bar{K}^0 K^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- \omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- \eta\omega\omega \bar{K}^0 K^{*+} D^+ \bar{D}^{*-})$	24569	24188	1	31263
24571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^- \omega\omega D^- D^{*+})$	24570	24189	1	31264
24572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} \bar{D}^{*-} D^0, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to K^{*+} D^{*+} \bar{D}^{*-} D^0 D_s^-)$	24571	24190	1	31265
24573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\omega \bar{D}^0, \bar{B}^0 \to \rho^0 D^{*+} p\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\omega D^{*+} \bar{D}^0 p\bar{\Delta}^{++})$	24572	24191	1	31266
24574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^{*0} D_s^{*+}, \bar{B}^0 \to \pi^-\pi^- \bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\pi^- \bar{K}^* K^+ D^{*+} \bar{D}^{*0} D_s^{*+})$	24573	24192	1	31267
24575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- D_s^+, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- D_s^+ D_1^+)$	24574	24193	1	31268
24576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- \omega D^- D^{*+})$	24575	24194	1	31269
24577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to D^0 n\bar{\Delta}^0$ $(e^+e^- \to \rho^- D^{*+} D^0 n\bar{\Delta}^0)$	24576	24195	1	31270
24578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^- \eta K^- D_s^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^- \eta K^- \bar{D}^{*-} D_s^{*+})$	24577	24196	1	31271
24579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^- D_s^+ D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+ p\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^- D^+ D_s^+ D_s^{*-} p\bar{p})$	24578	24197	1	31272
24580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^+ D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^- K^* D^{*+} D_s^+ D_s^{*-})$	24579	24198	1	31273
24581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^- \bar{n}p, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta K^- D^- D^{*+} \bar{D}^{*0} \bar{n}p)$	2533	2527	1	31274
24582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^+, \bar{B}^0 \to \pi^+ K^{*-} J/\psi$ $(e^+e^- \to \pi^+\pi^- K^{*-} \bar{D}^0 D_s^+ J/\psi)$	24581	24200	1	31275

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	24582	24201	1	31276
24584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}a_1^-)$	24583	24202	1	31277
24585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+\eta'\bar{D}^0, B^0 \to \eta\omega K^+K^-\bar{D}^0$ $(e^+e^- \to \rho^-\eta\omega K^+K^+K^-\eta'\bar{D}^0\bar{D}^0)$	24584	24203	1	31278
24586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to K^{*-}D^+$ $(e^+e^- \to \rho^+K^{*-}D^+D^-)$	24585	24204	1	31279
24587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^{*0}\Delta^+\bar{\Xi}_c^{*0})$	2534	2528	1	31280
24588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D^0)$	24587	24206	1	31281
24589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to K^0\bar{K}^0D^-D^{*+}\eta_c)$	24588	24207	1	31282
24590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to \bar{D}^{*-}a_1^+\gamma$ $(e^+e^- \to e^+\nu_eX_u^-\bar{D}^{*-}a_1^+\gamma)$	24589	24208	1	31283
24591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c1})$	24590	24209	1	31284
24592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+D_2^{*-}D_s^{*+})$	24591	24210	1	31285
24593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\eta\bar{D}^0\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta D^0\bar{D}^0D_s^{*-}\Sigma^+\bar{\Sigma}^-)$	24592	24211	1	31286
24594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D_2^{*-}D^0D_s^+)$	24593	24212	1	31287
24595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-K^+K^-D^-D^{*+})$	24594	24213	1	31288
24596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}\bar{n}p)$	24595	24214	1	31289
24597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}a_1^+)$	24596	24215	1	31290
24598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_eK^-D^+\bar{D}^{*0}D_1^+)$	24597	24216	1	31291
24599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	24598	24217	1	31292

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^-\eta\omega\omega D^+$ $(e^+e^- \to \rho^-\eta\omega\omega D^+D^{*+}a_1^-)$	2535	2529	1	31293
24601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0D^+\bar{D}^{*-})$	24600	24219	1	31294
24602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-n\bar{n})$	24601	24220	1	31295
24603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0K^{*-}D^+D^-)$	24602	24221	1	31296
24604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{K}^0D^-\bar{D}^{*-}D_s^+)$	24603	24222	1	31297
24605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}p\bar{p})$	24604	24223	1	31298
24606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta'D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^*\eta'D^-D^{*+}\bar{D}^{*-})$	24605	24224	1	31299
24607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^{*+})$	24606	24225	1	31300
24608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+K^-D^-D^{*+}\bar{D}^{*0})$	24607	24226	1	31301
24609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \rho^-K^-K^{*+}D^+$ $(e^+e^- \to \rho^-K^-K^{*+}D^+D^{*+}D_{s1}'^-)$	24608	24227	1	31302
24610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^0\pi^0\rho^0D^-\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\rho^0D^-\bar{D}^{*-}\bar{n}pD_{s1}'^+)$	24609	24228	1	31303
24611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D_2^{*-}D^0)$	24610	24229	1	31304
24612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \phi\bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0\rho^0\rho^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\phi\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	24611	24230	1	31305
24613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0})$	24612	24231	1	31306
24614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \pi^-K^+D^+D^0\bar{D}^0D_s^{*-}\gamma)$	24613	24232	1	31307
24615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D_0^{*+}D_1'^-)$	24614	24233	1	31308
24616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-D^+D^{*+}p\bar{p})$	24615	24234	1	31309

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^0\bar{n}\Delta^0)$	2536	2530	1	31310
24618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^*D^+D^+D^-D_s^{*-})$	24617	24236	1	31311
24619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, B^0 \to \rho^+\bar{D}^{*-}n\bar{\Lambda}$ $(e^+e^- \to e^+\nu_e\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{\Lambda})$	24618	24237	1	31312
24620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta'D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta K^-\eta'D^+D^-\bar{D}^{*0})$	24619	24238	1	31313
24621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\eta'D^-D^{*+})$	24620	24239	1	31314
24622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^{*+}D^-D^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0K^{*+}D^-D^{*+}D^0a_1^-)$	24621	24240	1	31315
24623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+K^{*-}D^-D^{*+}\bar{D}^{*0})$	24622	24241	1	31316
24624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^{*+}K^{*-}D^{*+}\bar{D}^{*-}D^0)$	24623	24242	1	31317
24625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^*\bar{K}^*\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-K^*\bar{K}^*D^{*+}\bar{D}^0)$	24624	24243	1	31318
24626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0D^+D^{*+}\bar{D}^{*0}n\bar{p})$	24625	24244	1	31319
24627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^0D_s^+)$	24626	24245	1	31320
24628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^-\pi^-K^+D^+D^0\bar{D}^{*0})$	24627	24246	1	31321
24629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\bar{K}^*D^0\bar{D}^0)$	24628	24247	1	31322
24630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{--})$	24629	24248	1	31323
24631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega p\bar{\Sigma}_c^-)$	24630	24249	1	31324
24632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+K^-D^+D^{*+})$	24631	24250	1	31325
24633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\pi^-\pi^-\bar{D}^0\bar{n}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^0D^+\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^{++})$	24632	24251	1	31326

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta K^0 K^{*-} D^+$ $(e^+e^- \to e^+\nu_e\eta K^0 K^{*-} D^+ \bar{D}^{*-})$	24633	24252	1	31327
24635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\pi^0 D^-, B^0 \to \pi^-\rho^- K^+ D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^- K^+ D^- D^{*+}\bar{D}^0)$	24634	24253	1	31328
24636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^0 D^{*0}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 D^{*0}\bar{\Delta}^+\Sigma_c^0)$	24635	24254	1	31329
24637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 K^* K^- D^+, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\omega K^* K^- D^+ D^{*+})$	24636	24255	1	31330
24638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	24637	7628	1	31331
24639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^* K^+ K^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^* K^+ K^- D^+)$	24638	24256	1	31332
24640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^0 D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\eta K^0\bar{K}^0 D^+ D^-)$	24639	24257	1	31333
24641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-} D^0\Delta^0\bar{\Delta}^0)$	2537	2531	1	31334
24642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to K^+ D^- D^{*+} D^0\Delta^-\bar{n})$	24641	24258	1	31335
24643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^0 K^- D^+ D^{*+} D_s^-)$	24642	24259	1	31336
24644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ J/\psi, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^-\rho^- K^+ D^{*+} J/\psi)$	24643	24260	1	31337
24645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega\bar{K}^0 K^+ D^-)$	24644	24261	1	31338
24646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\bar{K}^0 D^{*+} J/\psi)$	24645	24262	1	31339
24647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^0\pi^- K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^- K^+ K^- K^- D^+\bar{\Delta}^+\Sigma_c^{++})$	24646	24263	1	31340
24648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^{*0})$	24647	24264	1	31341
24649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^- D^+ D^- D_s^{*+})$	24648	24265	1	31342
24650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, B^0 \to \bar{D}^0\bar{p}\Delta^+$ $(e^+e^- \to D^-\bar{D}^0\bar{\Delta}^0\bar{p}\Delta^+\Delta^+)$	24649	24266	1	31343

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{K}^0K^*\bar{D}^{*-}\eta_c)$	24650	24267	1	31344
24652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\rho^+\eta D^{*0}\bar{D}^{*0})$	24651	24268	1	31345
24653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\eta D^+\bar{D}^{*-})$	24652	24269	1	31346
24654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^*K^*K^-D^+\psi')$	24653	24270	1	31347
24655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}n\bar{p})$	24654	24271	1	31348
24656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \rho^0\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\eta D^0D_1'^-)$	24655	24272	1	31349
24657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}D^{*0}n\bar{\Delta}^0)$	24656	24273	1	31350
24658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\rho^-K^-K^{*+}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	24657	24274	1	31351
24659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^+\bar{D}^0D^{*0}D_s^-)$	24658	24275	1	31352
24660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^-D^0\bar{\Sigma}^{*+}\Sigma^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^+D^0\bar{\Sigma}^{*+}\Sigma^0)$	24659	24276	1	31353
24661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	24660	24277	1	31354
24662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\eta D^{*+}\Delta^0\bar{p}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\eta D^+D^{*+}\Delta^0\bar{p})$	24661	24278	1	31355
24663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\eta\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0})$	24662	24279	1	31356
24664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega K^+D^+D^{*+}\bar{D}^{*-})$	24663	24280	1	31357
24665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\bar{p}\Delta^+, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-D^+D^-\bar{p}\Delta^+)$	24664	24281	1	31358
24666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^+\bar{D}^{*-}D_1'^-)$	24665	24282	1	31359
24667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^-K^0K^0\bar{K}^0D^{*+}D^0\bar{D}^{*0})$	24666	24283	1	31360

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta K^0 D^+ D^-, \bar{B}^0 \to \pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0 D^+ D^- D^0)$	24667	24284	1	31361
24669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0 K^* D^+\gamma$ $(e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0 K^* D^+ D^-\gamma)$	2538	2532	1	31362
24670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^0 K^- K^{*+} D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^0\bar{K}^0 K^- K^{*+} D^+ D^-)$	2539	2533	1	31363
24671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^0\bar{K}^* K^{*-} D^+$ $(e^+e^- \to e^+\nu_e K^0\bar{K}^* K^{*-} D^+ D^-)$	24670	24286	1	31364
24672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0 K^0\bar{K}^0 D^{*+}\bar{D}^{*-} n\bar{\Sigma}_c^{*0})$	24671	24287	1	31365
24673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^- K^+\eta'\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^- K^+\eta' D^{*+}\bar{D}^0)$	24672	24288	1	31366
24674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\chi_{c2}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^-\rho^- K^+ D^+\chi_{c2})$	24673	24289	1	31367
24675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^- D^0 D_s^+)$	24674	24290	1	31368
24676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \rho^0 K^0 K^- D^{*+}$ $(e^+e^- \to \rho^0 K^0 K^- D^- D^{*+} D_s^+)$	24675	24291	1	31369
24677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-})$	24676	24292	1	31370
24678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\bar{K}^* K^+\bar{\Sigma}^-\Xi^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega\bar{K}^* K^+ D^-\bar{\Sigma}^-\Xi^-)$	24677	24293	1	31371
24679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+ D^-)$	24678	24294	1	31372
24680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-} D_2^{*+} D_s^{*-})$	24679	24295	1	31373
24681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^0\bar{D}^{*0}, B^0 \to \pi^+ K^0\bar{K}^0 D^-$ $(e^+e^- \to \pi^+ K^0 K^0\bar{K}^0 D^- D^0\bar{D}^{*0})$	24680	24296	1	31374
24682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^+\eta D^-\bar{D}^{*-})$	24681	24297	1	31375
24683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^* K^+ D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^* K^+ D^- D^0)$	24682	24298	1	31376
24684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^- D^0\Delta^+\bar{\Lambda}_c^-)$	24683	24299	1	31377

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}p\bar{p})$	24684	24300	1	31378
24686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\rho^+\bar{K}^0D^-\bar{D}^{*-})$	24685	24301	1	31379
24687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega\omega D^-D^-)$	24686	24302	1	31380
24688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\eta\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	24687	24303	1	31381
24689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^{*0}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^+D^-D^-D^0D^{*0})$	24688	24304	1	31382
24690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+D_0^{*-})$	24689	24305	1	31383
24691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\eta\bar{K}^0K^*D^+\bar{D}^{*-})$	24690	24306	1	31384
24692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0K^*\bar{\Delta}^0\Lambda$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^*K^*D^{*0}\bar{D}^{*0}\bar{\Delta}^0\Lambda)$	24691	24307	1	31385
24693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta D^-D^{*+})$	24692	24308	1	31386
24694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0D^-D^{*+}D_s^+)$	24693	24309	1	31387
24695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^0n\bar{n})$	24694	24310	1	31388
24696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*K^+D^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\bar{K}^0K^*\bar{K}^*K^+D^+D^0)$	24695	24311	1	31389
24697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^+K^0K^{*-}D^-D^{*+})$	24696	24312	1	31390
24698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-})$	24697	24313	1	31391
24699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0D^+\bar{D}^{*-})$	24698	24314	1	31392
24700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+)$	24699	24315	1	31393
24701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{p}\Lambda_c^+)$	24700	24316	1	31394

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0K^0\bar{K}^0D^-D^{*+})$	24701	24317	1	31395
24703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-\gamma, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-D^-D^{*+}\gamma)$	24702	24318	1	31396
24704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*0}D_{s1}'^+)$	24703	24319	1	31397
24705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\eta\bar{D}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\eta K^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	24704	24320	1	31398
24706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\rho^+\bar{K}^0D^-\bar{D}^{*-}D^0\gamma)$	24705	24321	1	31399
24707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-\bar{D}^{*-}D_1^+)$	24706	24322	1	31400
24708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^0K^-\bar{D}^{*-}D^0\Delta^{++}\bar{\Delta}^{++})$	24707	24323	1	31401
24709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	24708	5362	1	31402
24710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+D^0\bar{D}^0D_s^-n\bar{n})$	24709	24324	1	31403
24711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega\Delta^+\bar{\Sigma}_c^{--})$	2540	2534	1	31404
24712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+J/\psi, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\rho^-\omega K^+D^+J/\psi)$	2541	2535	1	31405
24713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-D^-D_s^{*+})$	24712	24327	1	31406
24714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^-D^+D^-\Sigma^0\bar{\Sigma}^-)$	24713	24328	1	31407
24715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^-D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^-D^-D^{*+}\bar{p}\Delta^+a_1^+)$	24714	24329	1	31408
24716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+D^-, \bar{B}^0 \to \omega D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\omega K^0D^+D^-D^{*+}\bar{D}^{*-})$	24715	24330	1	31409
24717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-)$	24716	15449	1	31410
24718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^+D_{s1}'^-)$	24717	24331	1	31411

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+\bar{D}^{*-}D_1'^+)$	24718	24332	1	31412
24720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}\Sigma^+\bar{\Sigma}^-)$	24719	24333	1	31413
24721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to e^+\nu_e\pi^-K_2^{*0}\bar{D}^{*0}J/\psi)$	24720	24334	1	31414
24722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to \pi^+\pi^+\rho^-\omega K^0K^-D^0$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^0K^0K^-D^0D_s^+D_s^-)$	24721	24335	1	31415
24723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{K}^*K^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^-\bar{K}^*K^+K^{*-}D^+\bar{D}^0)$	24722	24336	1	31416
24724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^0D^+D^-D^{*+})$	24723	24337	1	31417
24725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to K^+K^-K^-D^{*+}$ $(e^+e^- \to K^+K^-K^-D^{*+}D_2^{*-}D_s^{*+})$	24724	24338	1	31418
24726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^-\rho^+\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	24725	24339	1	31419
24727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D_1^-)$	24726	24340	1	31420
24728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*0})$	24727	24341	1	31421
24729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-\gamma, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^+D^{*+}D_1'^-D_{s1}'^-\gamma)$	24728	24342	1	31422
24730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^+D^{*+}\Delta^0\bar{\Sigma}_c^-)$	24729	24343	1	31423
24731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\omega\omega\bar{K}^*K^{*+}D^-D^{*+}n\bar{n})$	24730	24344	1	31424
24732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^{*-})$	24731	24345	1	31425
24733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	24732	24346	1	31426
24734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \omega D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\omega D^+D^-p\bar{\Delta}^{++})$	24733	24347	1	31427
24735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^+D^-)$	24734	24348	1	31428

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^0\bar{n}p)$	24735	24349	1	31429
24737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \omega D^{*+}\bar{D}^{*-}D_s^+a_1^-)$	24736	24350	1	31430
24738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta' D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\omega\eta' D^+D^-D_s^{*-})$	24737	24351	1	31431
24739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-K^-D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-D^-D_s^+)$	24738	24352	1	31432
24740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+D^-, B^0 \to \pi^+\pi^+K^*K^-D^-$ $(e^+e^- \to \pi^+\pi^+\bar{K}^0K^*K^+K^-D^-D^-)$	24739	24353	1	31433
24741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega K^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{K}^0K^+K^-D^{*+}D^{*0})$	24740	24354	1	31434
24742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	24741	22817	1	31435
24743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*D^{*+}J/\psi)$	24742	24355	1	31436
24744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^0)$	24743	24356	1	31437
24745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-})$	24744	24357	1	31438
24746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\bar{D}^0D_1^+)$	24745	24358	1	31439
24747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0D^-D_s^+D_1^+)$	24746	24359	1	31440
24748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0D^+D^-D^{*0})$	24747	24360	1	31441
24749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^-K^+D^{*0}p\bar{\Delta}^+\chi_{c1})$	24748	24361	1	31442
24750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega\omega K^-\bar{D}^{*-}D_s^{*+})$	24749	24362	1	31443
24751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\rho^-K^0\bar{K}^*, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-K^0K^0\bar{K}^0\bar{K}^*D^+)$	24750	24363	1	31444
24752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^-D^0\bar{\Delta}^0\Sigma_c^+)$	24751	24364	1	31445

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to K^0K^0\bar{K}^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0K^0\bar{K}^0K^{*-}D^+D^-)$	24752	24365	1	31446
24754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^{*-}D^{*+}\bar{D}^{*-})$	24753	24366	1	31447
24755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0K^+K^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0K^+K^-D^{*0}\bar{D}^{*0})$	24754	24367	1	31448
24756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \omega K^0K^{*-}D^+$ $(e^+e^- \to \omega K^0K^{*-}D^+\bar{D}^{*-}D_s^+)$	24755	24368	1	31449
24757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\eta K^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta\eta K^{*-}\bar{D}^{*-})$	24756	24369	1	31450
24758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0D_s^-, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-K^0D^{*+}D_s^-)$	24757	24370	1	31451
24759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{\Delta}^0\Sigma_c^0)$	24758	24371	1	31452
24760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0}D_s^{*-})$	24759	24372	1	31453
24761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^-\bar{K}^0K^+\phi\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+\phi\bar{D}^{*-}\bar{D}^{*-})$	24760	24373	1	31454
24762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	24761	24374	1	31455
24763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-D^-n\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-D^-D^{*+}n\bar{\Delta}^+)$	24762	24375	1	31456
24764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-\bar{\Delta}^0\Delta^+D_0^{*+})$	24763	24376	1	31457
24765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^*K^-D^-D^{*+})$	24764	24377	1	31458
24766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-J/\psi)$	24765	24378	1	31459
24767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to K_L\chi_{c1}$ $(e^+e^- \to K_L\pi^-K^+J/\psi\chi_{c1})$	24766	24379	1	31460
24768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0K^-\bar{D}^{*-}\chi_{c1})$	24767	24380	1	31461
24769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^{*+}D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^+\rho^-K^{*+}D^+D^-n\bar{p})$	24768	24381	1	31462

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to K^0D^{*+}\eta_c a_1^-\gamma)$	24769	24382	1	31463
24771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}n\bar{\Delta}^0, \bar{B}^0 \to \pi^+\pi^-\omega K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^{*-}D^+\bar{D}^{*-}n\bar{\Delta}^0)$	24770	24383	1	31464
24772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta D^{*+}D^0)$	24771	24384	1	31465
24773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\omega D^{*+}D_1^+)$	24772	24385	1	31466
24774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^{*+}D^{*+}a_1^-)$	24773	24386	1	31467
24775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \rho^-D^+D^-D_{s1}'^+\gamma)$	24774	24387	1	31468
24776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^-\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+K^-\bar{D}^{*-}D^0D_s^+)$	24775	24388	1	31469
24777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega\omega D^-D^{*+})$	24776	24389	1	31470
24778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+D^-\Delta^0\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+D^+D^-\Delta^0\bar{p})$	24777	24390	1	31471
24779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^0n\bar{\Delta}^0)$	24778	24391	1	31472
24780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi(3770)$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\bar{K}^0D^-n\bar{n}\psi(3770))$	24779	24392	1	31473
24781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \rho^-D^+D_2^{*-}D_s^{*+}\gamma)$	24780	24393	1	31474
24782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D_s^{*+}D_1^+)$	24781	24394	1	31475
24783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-n\bar{n}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*+}n\bar{n})$	24782	24395	1	31476
24784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-D^-\bar{\Delta}^-p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^-D^{*+}\bar{\Delta}^-p)$	24783	24396	1	31477
24785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-D^+D^{*+})$	24784	24397	1	31478
24786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^0D^+D^{*0}\bar{D}^{*0})$	24785	24398	1	31479

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*\Delta^+\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^*D^+\Delta^+\bar{\Xi}_c'^-)$	24786	24399	1	31480
24788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+K^0D^-D^{*+}D^0a_1^-)$	24787	24400	1	31481
24789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\pi^-\omega\omega\bar{K}^0K^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega\omega\bar{K}^0K^+D^+D^-)$	24788	24401	1	31482
24790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0D^-D^0)$	24789	24402	1	31483
24791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^0\omega K^-K^{*+}D^{*0}$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0\omega K^-K^{*+}D^{*0})$	24790	24403	1	31484
24792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-}\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^+\eta K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+)$	24791	24404	1	31485
24793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	24792	24405	1	31486
24794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to K_S\bar{D}^{*-}\eta_ca_1^+)$	24793	24406	1	31487
24795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*0})$	24794	24407	1	31488
24796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta'D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K_S\eta'D^-\eta_c)$	24795	24408	1	31489
24797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	24796	24409	1	31490
24798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+\eta D^+\bar{D}^{*-})$	2542	2536	1	31491
24799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0D^+\bar{D}^{*0}D_s^{*-}\bar{n}\Delta^0\gamma)$	24798	24411	1	31492
24800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^+\bar{K}^0D^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^0D^-D^-\bar{\Sigma}^0\Sigma^+)$	24799	24412	1	31493
24801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0\rho^0\rho^-\bar{K}^0D^+)$	24800	24413	1	31494
24802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega K^+\bar{D}^{*-}D^0D^{*0})$	24801	24414	1	31495
24803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^*D^+J/\psi)$	24802	24415	1	31496

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^+\bar{D}^{*-}D_s^+\gamma)$	24803	24416	1	31497
24805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^+D^-)$	24804	24417	1	31498
24806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\omega D^-D^{*0})$	24805	24418	1	31499
24807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\eta D^+\bar{n}p$ $(e^+e^- \to \rho^0\pi^-\pi^-\eta K^0D^+D^{*+}\bar{D}^{*-}\bar{n}p)$	24806	24419	1	31500
24808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-}n\bar{n})$	24807	24420	1	31501
24809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^-D^{*+})$	24808	24421	1	31502
24810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	24809	24422	1	31503
24811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\eta K^0K^-D^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\rho^+\eta K^0\bar{K}^*K^-K^-D^-D^{*+})$	24810	24423	1	31504
24812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+})$	24811	24424	1	31505
24813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \omega K^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\omega K^+\bar{D}^{*-}n\bar{p})$	24812	24425	1	31506
24814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^-D^{*+})$	24813	24426	1	31507
24815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^*K^-D^-D^{*+}n\bar{p})$	24814	24427	1	31508
24816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \bar{D}^{*-}a_1^+$ $(e^+e^- \to D^-\bar{D}^{*-}D_s^{*+}a_1^+)$	24815	24428	1	31509
24817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\bar{K}^0\bar{K}^*K^+D^+D^{*+}\bar{D}^{*-})$	24816	24429	1	31510
24818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\eta\eta\bar{K}^0\bar{K}^*K^+D^+D^-D^-)$	24817	24430	1	31511
24819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to e^+\nu_e\pi^-D^+D_2^{*-}\bar{\Delta}^-\Delta^-)$	24818	24431	1	31512
24820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	24819	24432	1	31513

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^+\eta K^-D^+\bar{D}^{*-}\bar{D}^0)$	24820	24433	1	31514
24822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma_c^0)$	24821	24434	1	31515
24823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-D^{*+}D_s^{*-})$	24822	24435	1	31516
24824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^+D^+)$	24823	24436	1	31517
24825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	24824	16619	1	31518
24826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D_s^+$ $(e^+e^- \to \pi^0K^*K^-D^{*+}\bar{D}^{*-}D_s^+)$	24825	24437	1	31519
24827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\eta\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	24826	24438	1	31520
24828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\eta_c, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\eta_c)$	24827	24439	1	31521
24829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, B^0 \to \pi^+\omega D^-n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^-\bar{D}^0D_s^+n\bar{n})$	24828	24440	1	31522
24830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\bar{n}\Xi_c^0$ $(e^+e^- \to \rho^0\bar{D}^{*-}\bar{n}\Xi_c^0a_1^+)$	24829	24441	1	31523
24831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	24830	24442	1	31524
24832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-D_2^{*+}\bar{D}^0D_s^+D_s^{*-})$	24831	24443	1	31525
24833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to K^+K^{*-}D^+n\bar{p}$ $(e^+e^- \to \pi^-K^+K^{*-}D^+np\bar{p}\bar{\Xi}_c^{\prime 0})$	24832	24444	1	31526
24834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^-\eta' D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta' D^{*+}D^{*+})$	24833	24445	1	31527
24835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+\eta\eta D^+D^-D_s^{*-})$	24834	24446	1	31528
24836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-})$	24835	24447	1	31529
24837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+K^0K^-\bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^0K^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	24836	24448	1	31530

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-\rho^-D^{*+})$	24837	24449	1	31531
24839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	24838	24450	1	31532
24840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^{*-}D_s^+$ $(e^+e^- \to e^+\nu_e\rho^0K^{*-}\bar{D}^{*-}D_s^+)$	24839	24451	1	31533
24841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\rho^-\bar{K}^*\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\bar{K}^*D^-\bar{D}^{*0})$	24840	24452	1	31534
24842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*0})$	24841	24453	1	31535
24843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0\bar{K}^0K^+D^{*0}D_1^-)$	24842	24454	1	31536
24844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+D^-, B^0 \to \pi^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega D^-D^-)$	24843	24455	1	31537
24845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\omega\omega D^+\bar{D}^{*-})$	24844	24456	1	31538
24846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\psi', B^0 \to \pi^0\pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^0\pi^-K^*\bar{D}^0D_s^+\psi')$	24845	24457	1	31539
24847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^+\Delta^+\bar{\Sigma}_c^-)$	24846	24458	1	31540
24848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\omega K^0\bar{K}^0D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\omega K^0\bar{K}^0K^-K^{*+}\bar{D}^{*-}D^0)$	24847	24459	1	31541
24849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\eta\omega\eta_c$ $(e^+e^- \to \pi^0\rho^-\eta\omega\bar{D}^0D_s^+\eta_c)$	24848	24460	1	31542
24850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \rho^+\bar{K}^*\eta'\bar{D}^{*-}D^0\bar{D}^0)$	24849	24461	1	31543
24851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\eta\bar{K}^0K^+D^-D^{*+})$	24850	24462	1	31544
24852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^+\rho^-\eta\omega D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\omega D^+D^0)$	24851	24463	1	31545
24853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\rho^-\bar{K}^*\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\bar{K}^*\Sigma^0\bar{\Sigma}^0D_1^-)$	24852	24464	1	31546
24854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*0}\Sigma^{*0}\bar{\Sigma}^{*0})$	24853	24465	1	31547

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	24854	24466	1	31548
24856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+\bar{D}^{*-}D_s^+)$	24855	24467	1	31549
24857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D_s^{*+}D_1^+)$	24856	24468	1	31550
24858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-n\bar{\Sigma}_c^0)$	24857	24469	1	31551
24859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}a_1^+)$	24858	24470	1	31552
24860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^0\eta_c, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0K^0\bar{K}^0D^-\eta_c)$	24859	24471	1	31553
24861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0\bar{D}^0D^{*0}D^{*0})$	24860	24472	1	31554
24862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	24861	7052	1	31555
24863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{D}^{*-}D_1^+)$	2543	2537	1	31556
24864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^+K^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0})$	24863	24474	1	31557
24865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \eta D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}D^0\bar{D}^{*0})$	24864	24475	1	31558
24866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \pi^+K^-K^{*+}\bar{D}^{*-}D^{*0}\chi_{c2})$	24865	24476	1	31559
24867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	24866	24477	1	31560
24868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	24867	24478	1	31561
24869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega\bar{D}^{*-}D^{*0})$	24868	24479	1	31562
24870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^+D^-\bar{\Delta}^+\Sigma_c^{*0})$	24869	24480	1	31563
24871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^-)$	24870	24481	1	31564

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\eta D^{*+}D^{*+})$	24871	24482	1	31565
24873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*0}D_1^+)$	2544	2538	1	31566
24874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*0}\gamma)$	24873	24484	1	31567
24875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\bar{D}^{*-}D^0)$	24874	24485	1	31568
24876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\psi(3770), \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\omega\omega K^-D^+\psi(3770))$	24875	24486	1	31569
24877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta K^+D^{*+}\bar{D}^0D^{*0})$	24876	24487	1	31570
24878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-K^+K^-D^+D^-)$	24877	24488	1	31571
24879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+K^-\psi(3770)$ $(e^+e^- \to \pi^+\rho^+\omega K^-D^-\psi(3770))$	24878	24489	1	31572
24880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+})$	24879	24490	1	31573
24881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^0)$	24880	24491	1	31574
24882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-\eta K^-K^{*+}D^+\bar{D}^{*-})$	24881	8913	1	31575
24883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}a_1^-)$	24882	24492	1	31576
24884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega\omega K^+D^+\bar{D}^{*-}D^{*0})$	24883	24493	1	31577
24885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\eta K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\eta\omega K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\eta\eta\omega K^-K^{*+}D_s^+D_s^{*-})$	24884	24494	1	31578
24886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\omega D^-\bar{D}^{*-})$	24885	24495	1	31579
24887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_1^-)$	24886	24496	1	31580
24888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^0\bar{D}^0D^{*0}, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\omega K^0\bar{D}^{*-}\bar{D}^0D^{*0})$	24887	24497	1	31581

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+, \bar{B}^0 \to \rho^+ D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+ D_s^{*-})$	24888	24498	1	31582
24890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\bar{D}^{*0})$	24889	24499	1	31583
24891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0K^0\chi_{c2}, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-K^0\bar{D}^{*-}\chi_{c2})$	24890	24500	1	31584
24892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}D^{*0})$	24891	24501	1	31585
24893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^0D^{*+}J/\psi)$	24892	24502	1	31586
24894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0D^+\bar{D}^{*-}D^0n\bar{n})$	24893	24503	1	31587
24895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-})$	24894	24504	1	31588
24896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta'D^-D^{*+})$	24895	24505	1	31589
24897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta K^0K^0K^{*-}\bar{\Delta}^-p, \bar{B}^0 \to \omega\omega\bar{\Delta}^{++}\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-\eta\omega\omega K^0K^0K^{*-}\bar{\Delta}^-p\bar{\Delta}^{++}\Sigma_c^{++})$	24896	24506	1	31590
24898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	24897	24507	1	31591
24899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^+\rho^+\omega K^*K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\omega K^*K^-D^-\bar{D}^{*-}D_s^+)$	24898	24508	1	31592
24900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0K^-D^+D^+)$	24899	24509	1	31593
24901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^{*+}D^-D^{*+})$	24900	24510	1	31594
24902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^*$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\bar{K}^*D^{*+})$	24901	24511	1	31595
24903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \eta\bar{K}^0\Delta^0\bar{\Sigma}_c^{*0}\chi_{c1})$	24902	24512	1	31596
24904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^{*-}D^+D^+)$	24903	24513	1	31597
24905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^+D^{*0}D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^*K^+\bar{D}^{*-}D^{*0}D_s^-)$	24904	24514	1	31598

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-})$	24905	24515	1	31599
24907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\eta K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^0K^{*-}D^+D^-)$	24906	24516	1	31600
24908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^{'0}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D_s^- J/\psi K_1^{'0})$	24907	24517	1	31601
24909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0K^-D^+D^-\bar{D}^{*0}a_1^+)$	24908	24518	1	31602
24910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega K^0D^-D^{*+}D^0)$	24909	24519	1	31603
24911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^*D^-\psi')$	24910	24520	1	31604
24912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta K^*D^+\bar{D}^{*-})$	24911	24521	1	31605
24913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^0K^-D^{*+}\bar{D}^{*-})$	24912	24522	1	31606
24914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^-\omega D^+)$	2545	2539	1	31607
24915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^+n\bar{p})$	24914	24524	1	31608
24916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-})$	24915	24525	1	31609
24917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\eta\bar{D}^{*-}\bar{D}^{*-})$	24916	24526	1	31610
24918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	24917	24527	1	31611
24919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\pi^-K^0D^{*+}\bar{\Delta}^+\Sigma_c^{++})$	24918	24528	1	31612
24920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to K_SK^*D^-D^{*+}\eta_c)$	24919	24529	1	31613
24921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \rho^0D^-\bar{n}\Sigma_c^{*0}D_{s1}'^+)$	24920	24530	1	31614
24922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^-D^{*+}\bar{D}^{*-}\bar{D}^0a_1^+)$	24921	24531	1	31615

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^*D^+\eta_c)$	24922	24532	1	31616
24924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{p}\Sigma_c^+)$	24923	24533	1	31617
24925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\omega D^+\bar{D}^{*-})$	24924	24534	1	31618
24926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	24925	24535	1	31619
24927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}D_s^{*+})$	24926	3582	1	31620
24928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	24927	24536	1	31621
24929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*0})$	24928	24537	1	31622
24930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^-D^{*+}D_1'^+)$	24929	24538	1	31623
24931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+D^-D_2^{*+})$	24930	24539	1	31624
24932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	24931	24540	1	31625
24933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \eta D^+n\bar{p}$ $(e^+e^- \to \rho^0\eta D^+\bar{D}^{*-}n\bar{n}p\bar{p})$	24932	24541	1	31626
24934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\eta\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+\eta\omega\bar{K}^0D^-D^0)$	2546	2540	1	31627
24935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^+K^0\bar{K}^0D^+\bar{D}^{*-})$	24934	24543	1	31628
24936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-D^-D^{*+})$	24935	24544	1	31629
24937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^-D^-D^{*+}\bar{D}^{*0})$	24936	24545	1	31630
24938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-f_0(980), \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^+f_0(980))$	24937	24546	1	31631
24939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}\bar{n}p)$	24938	24547	1	31632

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^+D^-)$	24939	24548	1	31633
24941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\omega\eta' D^{*+}\bar{D}^{*0})$	24940	24549	1	31634
24942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^+\omega K^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^+\omega K^-\bar{D}^{*-})$	2547	2541	1	31635
24943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta D^+\bar{D}^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^-\rho^-\eta\omega D^+D^+\bar{D}^0)$	24942	24551	1	31636
24944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^+D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^- K^+D^-D^0D^{*0})$	24943	24552	1	31637
24945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0D^+D^{*+}\bar{D}^0n\bar{p})$	24944	24553	1	31638
24946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1'^+\gamma$ $(e^+e^- \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}D_s^{*-}D_1'^+\gamma)$	24945	24554	1	31639
24947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^*D^+D^-D^{*+})$	24946	24555	1	31640
24948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Xi}_c'^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \bar{K}^*D^{*+}n\bar{\Xi}_c'^0a_1^-)$	505	505	1	31641
24949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega D^0n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}D^0n\bar{n})$	24948	24557	1	31642
24950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0)$	24949	24558	1	31643
24951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}D^0, \bar{B}^0 \to \pi^0\pi^-\eta\omega\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\omega\omega\omega K^{*+}D^+D^0)$	24950	24559	1	31644
24952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta' D^{*+}\bar{D}^{*-}D_s^{*-})$	24951	24560	1	31645
24953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\rho^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0D^-\bar{D}^{*0}D_s^+)$	24952	24561	1	31646
24954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+\eta D^-D^{*+})$	24953	24562	1	31647
24955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{D}^0D_s^+\bar{\Delta}^+\Sigma_c^{++})$	24954	24563	1	31648
24956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-})$	24955	24564	1	31649

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}\bar{p}\Delta^+)$	24956	24565	1	31650
24958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, B^0 \to \pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\rho^+\omega K^0D^-\Lambda\bar{\Sigma}_c^0)$	24957	24566	1	31651
24959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	24958	24567	1	31652
24960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0K^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0K^+K^-D^+D^-\bar{D}^{*0})$	24959	24568	1	31653
24961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+})$	24960	24569	1	31654
24962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+K^*D^-D^{*+}D^{*+})$	24961	24570	1	31655
24963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*K^-D^{*+}D_1^+)$	24962	24571	1	31656
24964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	24963	24572	1	31657
24965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^-D^{*+}D_s^-D_{s1}'^+)$	24964	24573	1	31658
24966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega K^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\omega K^-\bar{D}^{*-}\bar{D}^{*0})$	24965	24574	1	31659
24967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0K^*D^+D^-a_1^-)$	24966	24575	1	31660
24968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-})$	24967	24576	1	31661
24969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	24968	24577	1	31662
24970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^{*-}D^{*+}D_1^-)$	24969	24578	1	31663
24971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^+\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+D^-\Sigma^-\bar{\Lambda})$	24970	24579	1	31664
24972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	24971	24580	1	31665
24973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega p\bar{\Lambda}_c^-, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\bar{D}^0D_s^{*+}p\bar{\Lambda}_c^-)$	24972	24581	1	31666

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{p}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{p}\Sigma_c^+)$	24973	24582	1	31667
24975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}a_1^-, B^0 \to \pi^+K^0K^0K^-J/\psi$ $(e^+e^- \to \pi^+K^0K^0K^-K^{*+}J/\psi a_1^-)$	24974	24583	1	31668
24976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^*D^+D^{*+}\bar{D}^{*0})$	24975	24584	1	31669
24977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0D^+D^-D^{*0}D_s^-)$	24976	24585	1	31670
24978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^-\bar{\Delta}^-\Delta^0)$	24977	24586	1	31671
24979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}n\bar{n}$ $(e^+e^- \to \pi^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-}n\bar{n})$	24978	24587	1	31672
24980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\eta K^+D^+D^0\bar{D}^0)$	24979	24588	1	31673
24981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+\omega D^+\bar{D}^{*-}n\bar{p})$	24980	24589	1	31674
24982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^+D^-\bar{n}p)$	24981	24590	1	31675
24983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+D^-n\bar{n})$	24982	24591	1	31676
24984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^+K^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^+K^-K^-D^-D^{*+}\bar{D}^{*0})$	24983	24592	1	31677
24985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^+D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^+D^+D_2^{*-}D_s^+n\bar{\Delta}^{++})$	24984	24593	1	31678
24986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{\Sigma}^{*0}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^+K^0\bar{K}^*K^{*-}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma_c^{*0})$	2549	2543	1	31679
24987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^0K^-D^+D^-)$	24986	24595	1	31680
24988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-\rho^+\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Sigma_c^{*++})$	24987	24596	1	31681
24989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	24988	24597	1	31682
24990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega D^-D^{*+}D_s^-)$	24989	24598	1	31683

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
24991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	2550	2544	1	31684
24992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D^-D^0, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-K^{*+}D^+D^-D^0\bar{D}^0)$	24991	24600	1	31685
24993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{K}^*K^-D^-D^{*+})$	24992	24601	1	31686
24994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}D_{s1}'^+)$	24993	24602	1	31687
24995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+D^{*+}D_s^{*-})$	24994	24603	1	31688
24996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \rho^0\rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\eta D^+D^-\bar{\Sigma}^+\Sigma^0)$	24995	24604	1	31689
24997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^0\pi^-D^{*+}D_1'^-)$	24996	24605	1	31690
24998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega K^*D^-D^{*+}D^{*+})$	24997	24606	1	31691
24999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{n}p)$	24998	24607	1	31692
25000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^-D^{*+}D^0)$	24999	24608	1	31693
25001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \rho^0K^0D^+J/\psi\Delta^-\bar{n})$	25000	24609	1	31694
25002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\eta D^{*+}\bar{D}^0)$	25001	24610	1	31695
25003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{K}^*D^+\bar{D}^{*-})$	25002	24611	1	31696
25004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^-\bar{K}^*K^+D^+D^-J/\psi)$	25003	24612	1	31697
25005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\eta\omega D^{*+}\bar{D}^{*-}D_s^-)$	25004	24613	1	31698
25006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_SJ/\psi, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\eta K_SK^0\bar{K}^0D^{*+}J/\psi)$	25005	24614	1	31699
25007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c'^0, \bar{B}^0 \to \rho^0\pi^-\omega\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\omega\bar{K}^0D^+p\bar{\Xi}_c'^0)$	25006	24615	1	31700

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \omega K^0K^-D^{*+}\bar{D}^0\eta_c)$	25007	24616	1	31701
25009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0})$	25008	24617	1	31702
25010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0D_s^-, \bar{B}^0 \to \eta K^+K^{*-}D^0$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta K^0K^+K^{*-}D^0D_s^-)$	25009	24618	1	31703
25011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^*K^-D^+\bar{D}^{*-}J/\psi)$	25010	24619	1	31704
25012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to e^+\nu_e\pi^+K^-\bar{D}^{*-}\psi')$	25011	24620	1	31705
25013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^*K^-D^{*+}\bar{D}^{*-})$	25012	24621	1	31706
25014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+D^-D^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-K^+D^+D^-D^0)$	25013	24622	1	31707
25015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_{s1}^+)$	25014	24623	1	31708
25016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta'D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta'D^+\bar{D}^{*-}\gamma)$	25015	24624	1	31709
25017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\bar{D}^0D^{*0})$	25016	24625	1	31710
25018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\omega D^{*+}n\bar{\Xi}_c^{*0})$	25017	24626	1	31711
25019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^+\eta D^+D^-n\bar{p})$	25018	24627	1	31712
25020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Lambda}_c^-)$	25019	24628	1	31713
25021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\omega K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega\omega K^0D^+\bar{D}^{*0})$	2551	2545	1	31714
25022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \pi^+D^-\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\rho^+\eta D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	25021	24630	1	31715
25023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^*D^-\bar{D}^0)$	25022	24631	1	31716
25024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^{*+}D^{*+}\bar{D}^{*-})$	25023	24632	1	31717

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^- \pi^0\pi^0\pi^0\pi^- K^+ K^{*-} D^{*+})$	25024	24633	1	31718
25026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^0\bar{K}^0 D^+ D_s^-$ $(e^+e^- \to e^+\nu_e K^0\bar{K}^0 D^+ D^- D_s^-)$	25025	24634	1	31719
25027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^+ D^+ n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+ D^+ D^- D_s^{*+} n\bar{\Delta}^{++})$	25026	24635	1	31720
25028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\eta\eta D^- D^0)$	25027	24636	1	31721
25029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0 D^+ D^{*0}\bar{D}^{*0} D_s^{*-})$	25028	24637	1	31722
25030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} J/\psi, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^- K^{*+} D^{*+} D_s^{*-} J/\psi)$	25029	24638	1	31723
25031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^0\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*0})$	25030	24639	1	31724
25032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^- K^{*+} D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+ K^{*+} D^+\bar{D}^{*-}\bar{D}^{*-})$	25031	24640	1	31725
25033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^0 K^+ K^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- K^0 K^+ K^- D^{*+})$	25032	24641	1	31726
25034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^+\eta' D^+\bar{D}^{*-} D_{s1}'^-)$	25033	24642	1	31727
25035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^- D^{*+} D^{*+})$	25034	24643	1	31728
25036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^{*0} D_s^{*+})$	25035	24644	1	31729
25037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^0)$	25036	24645	1	31730
25038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^- K^+ D^+\bar{D}^{*0}, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \pi^-\pi^- K^+ D^+\bar{D}^{*0}\bar{K}_1^0\psi(3770))$	25037	24646	1	31731
25039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^- K^{*+} D^- D^{*+})$	25038	24647	1	31732
25040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega\omega D^{*+} p\bar{\Lambda}_c^-)$	25039	24648	1	31733
25041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^- D^+ D^-)$	25040	24649	1	31734

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega K^0\bar{D}^{*-}D^0)$	25041	24650	1	31735
25043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta K^+K^{*-}\bar{D}^{*-}D_1^+)$	506	506	1	31736
25044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*0})$	25043	24652	1	31737
25045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\rho^-\omega K^0\bar{K}^*D^{*+}p\bar{\Xi}_c^{\prime 0})$	25044	24653	1	31738
25046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^{\prime +}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-K^{*+}\eta_c D_1^{\prime +})$	25045	24654	1	31739
25047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^+K^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^+K^-D^+\bar{D}^{*-}D_s^{*-})$	25046	24655	1	31740
25048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^0D_0^{*+})$	25047	24656	1	31741
25049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^{\prime +}, \bar{B}^0 \to \pi^+\pi^-\omega\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^-\omega\omega\bar{D}^{*-}D^{*0}D_{s1}^{\prime +})$	25048	24657	1	31742
25050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-})$	25049	24658	1	31743
25051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^*\bar{K}^*\bar{D}^{*-}D^0)$	25050	24659	1	31744
25052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega D^0D_s^{*-}n\bar{\Sigma}_c^0)$	25051	24660	1	31745
25053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}D^{*+}a_1^-)$	25052	24661	1	31746
25054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*+})$	25053	24662	1	31747
25055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0K^{*+}D_s^-, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to K^0\bar{K}^0\bar{K}^0K^{*+}D_s^-J/\psi)$	25054	24663	1	31748
25056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^0)$	25055	24664	1	31749
25057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^0K^-D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0K^0K^-D^{*+}\bar{D}^{*-}\Delta^-\bar{n})$	25056	24665	1	31750
25058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	25057	24666	1	31751

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^{*+}K^{*-}D^+D^0\bar{D}^0)$	25058	24667	1	31752
25060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta\omega\bar{D}^{*-}D_1'^+)$	25059	24668	1	31753
25061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-n\bar{\Sigma}_c^0)$	25060	24669	1	31754
25062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+K^0K^-D^-, \bar{B}^0 \to \rho^-\eta\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^0\bar{K}^0K^-D^-D_s^+)$	25061	24670	1	31755
25063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+K^-D^-D^{*0})$	25062	24671	1	31756
25064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^{*0}D_1'^+)$	25063	24672	1	31757
25065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \omega\omega\bar{K}^0D^0$ $(e^+e^- \to \eta\omega\omega\bar{K}^0D^0n\bar{\Sigma}_c^0)$	25064	24673	1	31758
25066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\eta K^0D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta K^0D^+D^{*+})$	25065	24674	1	31759
25067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c1}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}\chi_{c1})$	25066	24675	1	31760
25068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}n\bar{n})$	25067	24676	1	31761
25069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^-\omega\omega K^0D^+D^-D^{*+})$	25068	24677	1	31762
25070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+D_1^-)$	25069	24678	1	31763
25071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0K^{*-}D^+\bar{D}^0\bar{D}^{*0})$	25070	24679	1	31764
25072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-D_s^{*+})$	25071	24680	1	31765
25073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta K^0K^0\bar{K}^0K^-D^{*+}\bar{D}^{*0})$	25072	24681	1	31766
25074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+D^+\bar{D}^{*-}a_1^+)$	25073	24682	1	31767
25075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^-K^+D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+D^+D^-D^-)$	25074	24683	1	31768

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^+ \bar{D}^{*0}, \bar{B}^0 \to \rho^0 D^+ n\bar{p}$ $(e^+e^- \to \rho^0\rho^- K^0 D^+ D^+ \bar{D}^{*0} n\bar{p})$	25075	24684	1	31769
25077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 K^*, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0 K^* D^{*+} D_s^{*-})$	25076	24685	1	31770
25078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^- D^0)$	25077	24686	1	31771
25079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* \bar{D}^0 D^{*0}, \bar{B}^0 \to D^{*0} p\bar{p}$ $(e^+e^- \to K^* \bar{D}^0 D^{*0} D^{*0} p\bar{p})$	25078	24687	1	31772
25080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^- \bar{D}^{*0}, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^- \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*0})$	25079	24688	1	31773
25081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+ D^- D^{*0} a_1^+)$	25080	24689	1	31774
25082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^- D_1^+)$	2553	2547	1	31775
25083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ \bar{D}^0 D^{*0}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \rho^+\rho^- K^+ \bar{D}^0 D^{*0} \bar{\Delta}^+\Sigma_c^{*0})$	25082	24691	1	31776
25084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta' \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta' D^+ \bar{D}^{*-})$	25083	24692	1	31777
25085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ \pi^0\pi^0\pi^+\pi^+\pi^-\omega \bar{D}^{*-})$	25084	24693	1	31778
25086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*0} \bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0})$	25085	24694	1	31779
25087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\omega D^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\omega D^- D^{*+} D_s^-)$	25086	24695	1	31780
25088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\chi_{c1}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^0 D^+\chi_{c1})$	25087	24696	1	31781
25089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^+ \bar{D}^0, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \pi^+\pi^-\pi^- K^+ \bar{D}^0 D_s^{*+} \bar{\Delta}^0\Sigma^-)$	25088	24697	1	31782
25090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^0 \bar{D}^0, \bar{B}^0 \to D^{*0}\bar{p}\Delta^+$ $(e^+e^- \to \pi^- K^{*+} D^0 \bar{D}^0 D^{*0} \bar{p}\Delta^+)$	25089	24698	1	31783
25091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^- \bar{K}^0 D^+$ $(e^+e^- \to e^+\nu_e\pi^- \bar{K}^0 D^+ D^-)$	25090	24699	1	31784
25092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^+, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\rho^-\omega K^+ D^{*+})$	25091	24700	1	31785

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\eta D^-D^{*0}\gamma)$	25092	24701	1	31786
25094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_2^{*-})$	507	507	1	31787
25095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, B^0 \to \pi^0\pi^0\pi^-\rho^+K^0K^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0K^+D^-D_s^{*-})$	25094	24703	1	31788
25096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\pi^+K^-\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\eta K^-D^-\bar{D}^{*-}D^{*0}\bar{n}\Delta^0)$	25095	24704	1	31789
25097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma^{*-})$	25096	24705	1	31790
25098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \rho^-K^0\bar{K}^0D^+\bar{D}^0p\bar{\Lambda}_c^-)$	25097	24706	1	31791
25099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\omega K^0D^+D_s^{*+}D_s^{*-})$	25098	24707	1	31792
25100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	25099	24708	1	31793
25101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}n\bar{\Sigma}_c^0)$	25100	24709	1	31794
25102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{n}p, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^0D^0\bar{D}^{*0}\bar{n}p)$	25101	24710	1	31795
25103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*\bar{D}^{*-}\eta_c)$	25102	24711	1	31796
25104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega K^+K^-D^-D^{*+})$	25103	24712	1	31797
25105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D_1'^-)$	25104	24713	1	31798
25106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^+D_s^{*+})$	25105	24714	1	31799
25107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\eta_c, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0K^-\bar{D}^0D^{*0}\eta_c)$	25106	24715	1	31800
25108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\Lambda\bar{\Sigma}_c^-)$	25107	24716	1	31801
25109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-})$	25108	24717	1	31802

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega D^+D^{*+})$	25109	24718	1	31803
25111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^{*+}\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	2555	2549	1	31804
25112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega\bar{K}^0K^+D^+D^-)$	25111	24720	1	31805
25113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\eta D^-D^{*+})$	25112	5842	1	31806
25114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}D'^+_{s1})$	25113	24721	1	31807
25115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}n\bar{p})$	25114	24722	1	31808
25116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{n}p, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^-\bar{D}^0\bar{n}p)$	25115	24723	1	31809
25117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^*K^-D^+D^+\bar{D}^{*0})$	25116	24724	1	31810
25118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-\bar{p}\Sigma^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\omega K^{*+}D^+D^-\bar{p}\Sigma^+)$	25117	24725	1	31811
25119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta\eta D^+\bar{D}^{*-})$	25118	24726	1	31812
25120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\eta D^+D^-)$	25119	24727	1	31813
25121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+D^-D^{*0})$	25120	19234	1	31814
25122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D^+_s, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{D}^{*-}D^{*0}D^+_s)$	25121	24728	1	31815
25123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to J/\psi\bar{K}^0_1$ $(e^+e^- \to \rho^+\eta D^-J/\psi\bar{K}^0_1)$	25122	24729	1	31816
25124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}D'^+_{s1})$	25123	24730	1	31817
25125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a^+_1, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta K^-K^{*+}D^-D^{*+}a^+_1)$	25124	24731	1	31818
25126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta'D^{*+}\bar{D}^{*-})$	25125	24732	1	31819

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{D}^{*-}D_s^{*-}D_1^+)$	25126	24733	1	31820
25128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	25127	24734	1	31821
25129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+})$	25128	24735	1	31822
25130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega K^-D^+D^-)$	25129	24736	1	31823
25131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{n}p)$	25130	24737	1	31824
25132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	25131	24738	1	31825
25133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta K^+D^+)$	25132	24739	1	31826
25134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\eta D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta D^-\bar{D}^{*-})$	25133	24740	1	31827
25135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^-K^0\bar{K}^*D^+D^{*+}\bar{D}^0)$	25134	24741	1	31828
25136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^-\bar{K}^*K^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\bar{K}^*K^+K^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	25135	24742	1	31829
25137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\bar{K}^*K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^*K^+D^-D_1^-)$	25136	24743	1	31830
25138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^+D^-\Delta^0\bar{\Delta}^0)$	25137	24744	1	31831
25139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta K^0D^{*+}J/\psi)$	25138	24745	1	31832
25140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\omega D^-D^{*+})$	25139	24746	1	31833
25141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^0\bar{K}^0D^+n\bar{p}$ $(e^+e^- \to \pi^0K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*0}n\bar{p})$	25140	24747	1	31834
25142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_2^{*+}D_s^{*+})$	25141	24748	1	31835
25143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+D^-D_s^-)$	25142	24749	1	31836

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega\omega\omega D^{*+}\bar{D}^{*-})$	25143	24750	1	31837
25145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+D^{*+})$	25144	24751	1	31838
25146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \rho^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\eta D^-D_1^-)$	25145	24752	1	31839
25147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+K^*\phi D_s^-, B^0 \to \pi^0\rho^0\pi^-\rho^+\eta\omega$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^*\phi D_s^-)$	25146	24753	1	31840
25148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	25147	24754	1	31841
25149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	25148	24755	1	31842
25150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Sigma^{*0}\bar{\Xi}_c'^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^*D^+\Sigma^{*0}\bar{\Xi}_c'^0)$	25149	24756	1	31843
25151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^0\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-\bar{n}p$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0D^-D^0\bar{D}^{*0}\bar{n}p)$	25150	24757	1	31844
25152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	25151	24758	1	31845
25153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-D^-n\bar{n}\bar{\Delta}^0\Sigma_c^{*+})$	25152	24759	1	31846
25154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^{*+}\bar{D}^{*-}D_2^{*+})$	25153	24760	1	31847
25155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}\bar{\Sigma}^0\Sigma^+)$	25154	24761	1	31848
25156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-)$	25155	24762	1	31849
25157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}\bar{D}^0, B^0 \to \phi\bar{D}^{*-}D_s^+$ $(e^+e^- \to \pi^-K^{*+}\phi\bar{D}^{*-}\bar{D}^0D_s^+)$	25156	24763	1	31850
25158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta K^*$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0K^*D^+D^-)$	25157	24764	1	31851
25159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+K^-D^-D^{*+}\bar{D}^{*0}n\bar{p})$	25158	24765	1	31852
25160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \mu^+\nu_\mu D_0^{*-}$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D^-D_0^{*-})$	25159	24766	1	31853

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^{*+} \bar{D}^0, \bar{B}^0 \to \pi^0 \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^- K^* D^{*+} D^{*+} \bar{D}^0)$	25160	24767	1	31854
25162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \rho^- \omega D^{*+}$ $(e^+e^- \to \rho^-\omega K^{*+} D^- D^{*+} D^{*0})$	25161	24768	1	31855
25163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \eta\omega D^-, \bar{B}^0 \to D^{*+} D'^-_{s1}$ $(e^+e^- \to \pi^+\eta\omega D^- D^{*+} D'^-_{s1})$	25162	24769	1	31856
25164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to \rho^0 \pi^- \rho^+ \rho^- D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^- K^0 \bar{K}^* D^+ \bar{D}^{*-})$	25163	24770	1	31857
25165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\eta D^{*+} \bar{D}^{*-})$	25164	24771	1	31858
25166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^- \bar{K}^0 \bar{K}^0 K^+ D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^- \bar{K}^0 \bar{K}^0 K^+ \bar{D}^{*-} D^0)$	25165	24772	1	31859
25167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^- D^+ D_1^+)$	25166	24773	1	31860
25168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\pi^- K^0 K^+ D_s^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^0 K^+ \bar{D}^{*-} D_s^-)$	25167	24774	1	31861
25169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\eta K^{*-} D^+$ $(e^+e^- \to \pi^0\eta K^+ K^{*-} D^+ D^- D^{*0})$	25168	24775	1	31862
25170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \bar{D}^0 p\bar{p}$ $(e^+e^- \to \bar{D}^{*-} \bar{D}^0 D_s^{*+} p\bar{p})$	25169	24776	1	31863
25171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ \bar{K}^0 K^{*+} \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\eta \bar{K}^0 K^{*+} D^+ \bar{D}^{*-})$	25170	24777	1	31864
25172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+ D^- D_s^+)$	25171	24778	1	31865
25173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, B^0 \to K^+ D^- D^0$ $(e^+e^- \to \tau^+\nu_\tau K^+ D^- \bar{D}^{*-} D^0)$	25172	4810	1	31866
25174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+ K^+ D^+ D^+ \bar{D}^{*-})$	25173	24779	1	31867
25175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \bar{K}^* K^+ \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \rho^0 \bar{K}^* \bar{K}^* K^+ D^+ \bar{D}^{*-} \bar{D}^{*-})$	25174	24780	1	31868
25176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^+\pi^- \bar{K}^0 \chi_{c1}$ $(e^+e^- \to \pi^+\pi^-\pi^- \bar{K}^0 \bar{D}^0 D_s^{*+} \chi_{c1})$	25175	24781	1	31869
25177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0 \bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 K^{*-} D^{*+} \bar{D}^{*-})$	25176	24782	1	31870

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta D^-, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\eta\eta D^-\bar{D}^{*-})$	25177	24783	1	31871
25179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{K}^0K^*$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^0\bar{K}^0K^*\bar{D}^{*-})$	25178	24784	1	31872
25180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta' D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta' D^+D^{*+})$	25179	24785	1	31873
25181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^0\Delta^0\bar{\Delta}^0)$	25180	24786	1	31874
25182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}n\bar{p})$	25181	24787	1	31875
25183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0})$	25182	24788	1	31876
25184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-\eta D^+, \bar{B}^0 \to \pi^+\rho^-\eta\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta\eta K^0K^-D^+D^{*+})$	25183	24789	1	31877
25185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0}n\bar{p})$	25184	24790	1	31878
25186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^+K^+K^-D^{*+}\bar{D}^{*-}D^{*0})$	2556	2550	1	31879
25187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-})$	25186	24792	1	31880
25188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0\bar{K}^0K^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\eta K^0\bar{K}^0K^+D^{*+})$	25187	24793	1	31881
25189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_s^+)$	25188	15395	1	31882
25190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^*D^-D^{*0}\bar{D}^{*0})$	25189	24794	1	31883
25191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega, \bar{B}^0 \to D^{*+}\Sigma^{*0}\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^0\rho^0\omega D^{*+}\Sigma^{*0}\bar{\Sigma}^{*-})$	25190	24795	1	31884
25192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^-\bar{n}p, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-\omega D^-D^{*0}n\bar{n}\bar{\Delta}^0p)$	25191	24796	1	31885
25193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^-\bar{K}^*K^{*+}D^-D^{*+})$	25192	24797	1	31886
25194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}J/\psi, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^-K^{*+}D_s^{*-}J/\psi D_1^+)$	25193	24798	1	31887

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}$ $(e^+e^- \to \rho^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}D_{s1}'^{+})$	25194	24799	1	31888
25196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+})$	25195	24800	1	31889
25197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Sigma}^{*0}\Xi_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^0)$	25196	24801	1	31890
25198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+D^-D^{*+}D_s^-)$	25197	24802	1	31891
25199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0\rho^-D^+\bar{D}^0\gamma$ $(e^+e^- \to \pi^0\pi^+\rho^-D^+D^-\bar{D}^0n\bar{n}\gamma)$	25198	24803	1	31892
25200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}n\bar{\Sigma}^+, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^-\eta D^+D_s^{*-}n\bar{\Sigma}^+)$	2557	2551	1	31893
25201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^0D^+J/\psi)$	25200	24805	1	31894
25202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\bar{D}^0D_s^+, B^0 \to \pi^+K^*\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-K^*\bar{K}^*\bar{D}^{*-}\bar{D}^0D_s^+)$	25201	24806	1	31895
25203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to \pi^0\pi^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^{*+}D^+\bar{D}^{*-}\eta_c)$	25202	24807	1	31896
25204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+D^+D^-)$	25203	24808	1	31897
25205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^-\eta K^+D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta K^+D^+D^-\bar{D}^{*-})$	25204	24809	1	31898
25206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^+\Sigma^{*-}\bar{\Sigma}^{*0}$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}\Sigma^{*-}\bar{\Sigma}^{*0})$	25205	24810	1	31899
25207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega, \bar{B}^0 \to \pi^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0K^-D^{*+})$	25206	24811	1	31900
25208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+D^-D^{*+})$	25207	24812	1	31901
25209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^{*-}D^+D^-\bar{D}^{*0})$	25208	24813	1	31902
25210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-D^+\bar{D}^{*-}n\bar{p})$	25209	24814	1	31903
25211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0K^-\phi D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^-\phi\bar{D}^{*0}D_s^{*+})$	25210	24815	1	31904

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\omega K^-D^+D^-\bar{D}^0)$	25211	24816	1	31905
25213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^*D^-D^{*+}D^{*+})$	25212	24817	1	31906
25214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^+, B^0 \to \pi^0\pi^+\pi^-K^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0D^+D^-D^-D_s^+)$	25213	24818	1	31907
25215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\omega D^-\bar{\Delta}^0\Sigma_c^0)$	25214	24819	1	31908
25216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\omega K^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\omega K^{*+}\bar{D}^0D_1^+)$	25215	24820	1	31909
25217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0D^{*+}D_1'^-)$	25216	24821	1	31910
25218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	25217	24822	1	31911
25219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\omega K^0D^{*+}D^0\bar{D}^{*0})$	25218	24823	1	31912
25220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^-D^+D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^{++})$	25219	24824	1	31913
25221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-D^-D^{*+}\bar{n}p)$	25220	24825	1	31914
25222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta D^{*0}, \bar{B}^0 \to \rho^0\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\eta D^{*0}D^{*0})$	25221	24826	1	31915
25223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \omega\bar{K}^0K^{*+}K^{*-}D^+D^-\bar{D}^{*0})$	25222	24827	1	31916
25224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{K}^0K^*D^-, B^0 \to \pi^0\rho^0\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\omega\omega\bar{K}^0K^*D^-D^-)$	25223	24828	1	31917
25225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+})$	25224	24829	1	31918
25226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	25225	24830	1	31919
25227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0D_2^{*-}D^{*0})$	25226	24831	1	31920
25228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+K^0K^+K^-K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+K^0K^+K^-K^-D^{*+}\bar{D}^{*-})$	25227	24832	1	31921

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{K}^0\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{K}^0D^{*+}\Lambda\bar{\Sigma}^-)$	25228	24833	1	31922
25230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^+D^+\bar{D}^{*-}D_s^{*-})$	25229	24834	1	31923
25231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\eta_c(2S)$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0n\bar{\Sigma}_c^0\eta_c(2S))$	25230	24835	1	31924
25232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \bar{K}^*K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^+D^-D_1^-)$	25231	24836	1	31925
25233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\rho^+\omega\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega\omega D^-D^0)$	25232	24837	1	31926
25234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^-\gamma$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Sigma}^-\gamma)$	25233	24838	1	31927
25235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}p\bar{p})$	25234	24839	1	31928
25236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^0D^-D^-D^0D_s^{*+})$	25235	24840	1	31929
25237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta D^-\bar{\Delta}^-n, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^*K^-D^+D^-\bar{\Delta}^-n)$	25236	24841	1	31930
25238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{p}\Delta^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}\bar{p}\Delta^+)$	25237	24842	1	31931
25239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0D^0D_s^{*+}D_1'^-)$	25238	24843	1	31932
25240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to \rho^+\rho^-\eta\bar{K}^*\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\eta\bar{K}^*D^-\bar{D}^0)$	25239	24844	1	31933
25241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^*D_s^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^0\bar{K}^0K^*D^{*+}D_s^{*-})$	25240	24845	1	31934
25242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	25241	24846	1	31935
25243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^0D^+D^{*+}\bar{D}^0)$	25242	24847	1	31936
25244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^0\bar{n}\Delta^0)$	25243	24848	1	31937
25245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+D^-)$	25244	24849	1	31938

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+ D^{*+}\bar{D}^0 n\bar{p})$	25245	24850	1	31939
25247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{\Delta}^+\Sigma_c^{*0} D_1^-)$	25246	24851	1	31940
25248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^0K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0})$	25247	24852	1	31941
25249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-\bar{K}^0D^+\bar{D}^0\bar{n}\Delta^0)$	25248	24853	1	31942
25250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0K^-D^+D^{*+})$	25249	24854	1	31943
25251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*0})$	25250	24855	1	31944
25252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^0\bar{K}^0D^{*0}$ $(e^+e^- \to \rho^0\rho^+\omega\bar{K}^0D^-D^{*0})$	25251	24856	1	31945
25253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-)$	25252	24857	1	31946
25254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \omega\bar{K}^*K^+K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^*K^+K^-D^-)$	25253	24858	1	31947
25255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}n\bar{n})$	25254	24859	1	31948
25256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\rho^-\omega\omega D^+D^{*+})$	25255	24860	1	31949
25257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\eta D^{*+}D^{*+})$	25256	24861	1	31950
25258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\bar{\Delta}^0p$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^{*+}D^-\bar{\Delta}^0p)$	25257	24862	1	31951
25259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^-D^{*+})$	25258	24863	1	31952
25260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^+\bar{D}^{*-}n\bar{n})$	25259	24864	1	31953
25261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta' D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta' D^+D^-D_s^+)$	25260	24865	1	31954
25262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+D^+D^-)$	25261	24866	1	31955

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^-\omega D^- D^{*+}\gamma)$	25262	24867	1	31956
25264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \eta\bar{n}\Xi_c'^0$ $(e^+e^- \to \rho^-\eta\omega D^{*+}\bar{n}\Xi_c'^0)$	25263	24868	1	31957
25265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^{*+} D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^{*+} D_s^{*+} D_s^{*-})$	25264	24869	1	31958
25266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ K^0\bar{K}^* D^-, \bar{B}^0 \to D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^0\bar{K}^* D^+ D^- n\bar{p})$	2558	2552	1	31959
25267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\bar{D}^0 D^{*0}, \bar{B}^0 \to \eta K^* K^- D^+$ $(e^+e^- \to \eta K^*\bar{K}^* K^- D^+\bar{D}^0 D^{*0})$	508	508	1	31960
25268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta' D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta' D^+\bar{D}^{*-})$	25267	24872	1	31961
25269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	25268	24873	1	31962
25270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-\eta\eta D^+\bar{D}^{*-})$	25269	24874	1	31963
25271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^{*-})$	25270	3478	1	31964
25272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^- D^{*+})$	25271	24875	1	31965
25273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^* D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega\bar{K}^* D^- D_s^{*+})$	25272	24876	1	31966
25274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^+\bar{\Lambda}, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \rho^+ D_s^{*-}\Delta^+\bar{\Delta}^+\bar{\Lambda}\Xi_c^0)$	25273	24877	1	31967
25275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\rho^+ K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+ K^0 K^{*-} D^+\bar{D}^{*-} D_{s1}'^+)$	25274	24878	1	31968
25276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+} a_1^-\gamma$ $(e^+e^- \to \pi^- K^* D^{*+} D^{*+}\bar{D}^0 a_1^-\gamma)$	25275	24879	1	31969
25277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\bar{K}^*\bar{D}^0$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^+\bar{K}^* D^-\bar{D}^0)$	25276	24880	1	31970
25278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*0}\bar{D}^{*0})$	25277	24881	1	31971
25279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+ D^- D_1^+)$	25278	24882	1	31972

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-})$	25279	24883	1	31973
25281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^{*+}\bar{D}^{*0}a_1^-)$	25280	24884	1	31974
25282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+n\bar{p}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+D^{*+}n\bar{p})$	25281	24885	1	31975
25283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+D^-, B^0 \to \pi^0K^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^*D^-D^{*0}\bar{D}^{*0})$	25282	24886	1	31976
25284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\eta K^0\bar{K}^*D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-D^+n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^*D^+D^0n\bar{\Delta}^{++})$	25283	24887	1	31977
25285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-K^+K^-K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-K^+K^-K^-D^+\bar{D}^{*-}D_s^+)$	25284	24888	1	31978
25286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^-\rho^+\eta K^*D^+\bar{D}^{*-}p\bar{p})$	25285	24889	1	31979
25287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}D_s^{*+})$	25286	24890	1	31980
25288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta\eta\eta K^{*+}D^+\bar{D}^0)$	25287	24891	1	31981
25289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^+D^+, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to K_L\pi^-\rho^-K^+D^+\eta_c)$	25288	24892	1	31982
25290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to K^0D^+D^-$ $(e^+e^- \to \pi^0\pi^+K^0D^+D^-\bar{D}^{*-})$	25289	24893	1	31983
25291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \eta K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta K^*K^{*-}D^+D^-)$	25290	24894	1	31984
25292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+K^{*-}D^0$ $(e^+e^- \to \pi^+K^{*-}D_2^{*-}D^0D_s^+)$	25291	24895	1	31985
25293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-D^{*+}\bar{D}^0)$	25292	24896	1	31986
25294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}D^{*+})$	25293	24897	1	31987
25295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0D^-D^{*+}D_{s1}'^+)$	25294	24898	1	31988
25296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	25295	24899	1	31989

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \omega D^+ n\bar{p}$ $(e^+e^- \to e^+\nu_e\omega D^+ D^- n\bar{p})$	25296	24900	1	31990
25298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0 K^+ D_s^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to K^0\bar{K}^0 K^+ D^+ D_s^- D_s^-)$	25297	24901	1	31991
25299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^+\bar{D}^{*0}\Delta^-\bar{n})$	25298	24902	1	31992
25300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+ D^-)$	25299	24903	1	31993
25301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+ D^- D^{*+}\bar{n}p)$	25300	24904	1	31994
25302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- K^0\bar{K}^0 D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^- D^+\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^- K^0\bar{K}^0 D^+ D^+\bar{p}\Delta^{++})$	25301	24905	1	31995
25303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+\rho^- D^-\bar{D}^{*-})$	25302	24906	1	31996
25304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta'\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta' D^{*+}\bar{D}^{*0})$	2560	2554	1	31997
25305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^* K^+ D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^- K^* K^+ D^{*+} D_s^{*-})$	25304	24908	1	31998
25306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^- D^- D_s^+, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0 K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0 K^+ D^-\bar{D}^{*-} D_s^+)$	25305	24909	1	31999
25307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta' D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta' D^+\Delta^+\bar{\Sigma}_c^{--})$	25306	24910	1	32000
25308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	25307	24911	1	32001
25309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0 D_s^+, \bar{B}^0 \to K^-\bar{\Lambda}\Xi_c^+$ $(e^+e^- \to \rho^- K^-\bar{D}^0 D_s^+\bar{\Lambda}\Xi_c^+)$	25308	24912	1	32002
25310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+\gamma, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^- D^+\bar{D}^{*-} D_s^+\gamma)$	25309	24913	1	32003
25311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} a_1^-, \bar{B}^0 \to D^{*+} a_1^-\gamma$ $(e^+e^- \to D^{*+} D^{*+} a_1^- a_1^-\gamma)$	25310	24914	1	32004
25312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0\eta_c$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\eta_c)$	25311	24915	1	32005
25313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ K^+ K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^* K^+ K^{*-} D^{*+}\bar{D}^{*-})$	25312	24916	1	32006

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^{*-}D^-D^{*+})$	25313	24917	1	32007
25315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-K^*D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^*D^+\bar{D}^{*-}\bar{D}^{*0})$	25314	24918	1	32008
25316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^0\bar{D}^0D_1^+)$	25315	24919	1	32009
25317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^-D^{*+}D_s^+)$	25316	24920	1	32010
25318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\bar{\Sigma}^0\Xi_c^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+D^-\bar{\Sigma}^0\Xi_c^{*+})$	25317	24921	1	32011
25319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to \pi^+\pi^-D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+D^{*+}\eta_c\Sigma^0\bar{\Sigma}^-)$	25318	24922	1	32012
25320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \pi^+K^*D^-D_s^-D_1'^+)$	25319	24923	1	32013
25321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-D_{s1}^-)$	25320	24924	1	32014
25322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}p\bar{p})$	25321	24925	1	32015
25323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\omega K^0\bar{K}^0K^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\omega K^0\bar{K}^0K^+D^{*+})$	25322	24926	1	32016
25324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^-D^-D^{*+})$	25323	24927	1	32017
25325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^{*0}, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^-D^{*0}\chi_{c1})$	25324	24928	1	32018
25326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	25325	24929	1	32019
25327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\eta\omega D^+)$	25326	24930	1	32020
25328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0K^-D^{*+}D^{*+})$	25327	24931	1	32021
25329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega K^0\eta_cD_0^{*+})$	25328	24932	1	32022
25330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-K^{*-}D^+D^{*+}\bar{D}^{*0})$	25329	24933	1	32023

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \eta\eta\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\eta\eta D^-\bar{D}^{*-}\bar{n}p)$	25330	24934	1	32024
25332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0D^-\Sigma^-\bar{\Xi}^+, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0D^+D^-\Delta^{++}\bar{\Delta}^{++}\Sigma^-\bar{\Xi}^+)$	25331	24935	1	32025
25333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^{*-}D^{*+}\Delta^+\bar{\Xi}_c^{*0})$	25332	24936	1	32026
25334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*\bar{K}^*K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^*\bar{K}^*K^+D^-D^{*+})$	25333	24937	1	32027
25335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*+}D_{s1}'^-)$	25334	24938	1	32028
25336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	25335	24939	1	32029
25337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^{*-}D^-D^{*+}\bar{D}^{*0})$	25336	24940	1	32030
25338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\eta_c, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to K_L\bar{K}^*D^+D^-\eta_c)$	25337	24941	1	32031
25339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta' D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta' D^+D^{*0})$	25338	24942	1	32032
25340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\omega K^0K^-D^{*+}\bar{D}^{*-})$	2561	2555	1	32033
25341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0})$	25340	24944	1	32034
25342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}\gamma, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^-D^{*+}D^{*+}\gamma)$	25341	24945	1	32035
25343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^+\bar{D}^{*-})$	25342	24946	1	32036
25344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\phi\eta_c, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\eta K^0K^0K^-\phi D^+\eta_c)$	25343	24947	1	32037
25345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	25344	24948	1	32038
25346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	25345	24949	1	32039
25347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^-D^0D_s^{*+})$	25346	24950	1	32040

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega K^+D^{*+}\bar{D}^0)$	25347	24951	1	32041
25349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0K^0K^-\phi D^{*+}$ $(e^+e^- \to \pi^0K^0K^+K^-\phi D^-D^{*+}D^{*0})$	25348	24952	1	32042
25350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Sigma^{*0}\bar{\Omega}_c^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \eta K^-D^+\bar{D}^0\Sigma^{*0}\bar{\Omega}_c^{*0})$	25349	24953	1	32043
25351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\chi_{c0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-K^-\bar{D}^{*-}\chi_{c0})$	25350	24954	1	32044
25352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \rho^0K^*K^{*-}D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0K^*K^{*-}D^+D^+)$	25351	24955	1	32045
25353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+D^-n\bar{\Lambda}_c^-)$	25352	24956	1	32046
25354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\omega, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega\omega D^+)$	25353	24957	1	32047
25355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+D^-D_0^{*+})$	25354	24958	1	32048
25356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}D^+D^-\bar{D}^{*0})$	25355	24959	1	32049
25357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^0D^{*+}J/\psi)$	25356	24960	1	32050
25358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{p})$	25357	24961	1	32051
25359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^*D^{*+}\bar{D}^0D^{*0})$	25358	24962	1	32052
25360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta'D^{*+}n\bar{\Sigma}_c^{*0})$	25359	24963	1	32053
25361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \omega\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	25360	24964	1	32054
25362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	25361	740	1	32055
25363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-)$	25362	24965	1	32056
25364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to D^-\bar{\Delta}^-n$ $(e^+e^- \to D^-\bar{D}^{*-}\bar{\Delta}^-na_1^+)$	25363	24966	1	32057

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, B^0 \to \pi^0D^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0D^-\bar{D}^{*0}D_s^+)$	25364	24967	1	32058
25366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^0n\bar{\Sigma}_c^0)$	25365	24968	1	32059
25367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-D^+D^-)$	25366	24969	1	32060
25368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^+\pi^-D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^-D^-\bar{D}^{*-})$	25367	24970	1	32061
25369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^0K^+K^-K^{*+}D^-, \bar{B}^0 \to D^+D_s^-\gamma$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^+K^-K^{*+}D^+D^-D_s^-\gamma)$	25368	24971	1	32062
25370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^{*+}\bar{D}^{*-}n\bar{n})$	25369	24972	1	32063
25371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_2^{*+}\bar{\Sigma}^+\Sigma^-)$	25370	24973	1	32064
25372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\bar{K}^*K^+\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^0D_s^-)$	25371	24974	1	32065
25373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}D_{s1}^+)$	25372	24975	1	32066
25374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+K^0\bar{K}^*D^-D^{*+})$	25373	24976	1	32067
25375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*K^{*-}\bar{D}^{*-}D_s^{*+})$	25374	24977	1	32068
25376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^-D^+D^+D^-\bar{D}^{*0})$	2562	2556	1	32069
25377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-}D^0)$	25376	24979	1	32070
25378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-\bar{D}^{*-})$	25377	24980	1	32071
25379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-D^0\bar{\Sigma}^+\Sigma^-)$	2563	2557	1	32072
25380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+K^*K^*K^{*-}D^+D^{*+}\bar{D}^{*-})$	25379	24982	1	32073
25381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	25380	24983	1	32074

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 J/\psi, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega K^0 D^{*+} J/\psi)$	25381	24984	1	32075
25383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	25382	3586	1	32076
25384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0}a_1^-)$	25383	24985	1	32077
25385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+K^0 D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^- K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^- K^0 K^0 K^- D^+ D_s^{*-})$	25384	24986	1	32078
25386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	25385	24987	1	32079
25387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^- D^+ D^{*+})$	25386	24988	1	32080
25388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\eta D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	25387	24989	1	32081
25389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0 D^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0 D^{*+}\bar{D}^0 D^{*0} D_{s1}'^-)$	25388	24990	1	32082
25390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, B^0 \to \rho^+\eta D^-$ $(e^+e^- \to \pi^-\rho^+\eta D^-\bar{D}^0 D_s^{*+})$	25389	24991	1	32083
25391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}\Delta^0\bar{p}$ $(e^+e^- \to K^+ D^{*+}\bar{D}^{*-} D^{*0}\Delta^0\bar{p})$	25390	24992	1	32084
25392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+ D^{*+}\bar{D}^0)$	25391	24993	1	32085
25393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_s^+ D_1^-, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega D^- D_s^+ D_1^-)$	25392	24994	1	32086
25394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^{*0}\bar{D}^{*0} D_0^{*+})$	25393	24995	1	32087
25395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \rho^- D_s^{*+}\bar{\Delta}^+\Sigma_c^{*++} D_1^-)$	25394	24996	1	32088
25396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-} D_1^-)$	25395	24997	1	32089
25397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^+, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-} D_s^+)$	2564	2558	1	32090
25398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\eta D^{*+}\bar{D}^{*-}a_1^-)$	25397	24999	1	32091

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\omega D^+, \bar{B}^0 \to \pi^0\pi^-\omega K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega\omega\omega K^- K^{*+} D^+ D^+)$	25398	25000	1	32092
25400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^0 D^0$ $(e^+e^- \to e^+\nu_e\rho^0 D^0 D_0^{*-})$	25399	25001	1	32093
25401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\bar{D}^{*-} D^{*0})$	25400	25002	1	32094
25402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^0)$	25401	5737	1	32095
25403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \rho^-\omega K^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega K^{*+}\bar{D}^{*-}\bar{D}^0)$	25402	25003	1	32096
25404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to D^{*+} D_{s1}^-$ $(e^+e^- \to \pi^0\rho^0\rho^+ D^- D^{*+} D_{s1}^-)$	25403	25004	1	32097
25405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	25404	25005	1	32098
25406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+ n\bar{n}, \bar{B}^0 \to \pi^+ K^- K^-\bar{D}^0 D_s^+$ $(e^+e^- \to \pi^+\rho^- K^- K^- D^+\bar{D}^0 D_s^+ n\bar{n})$	25405	25006	1	32099
25407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+})$	25406	25007	1	32100
25408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega K^0\bar{K}^0 D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega K^0\bar{K}^0 D^+\bar{D}^{*-})$	25407	25008	1	32101
25409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^- D^+ D^+ D_s^-\Delta^0\bar{\Delta}^+)$	25408	25009	1	32102
25410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^- D^+ D_2^{*-})$	25409	25010	1	32103
25411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0 D^+ D^-\bar{D}^{*-})$	25410	6698	1	32104
25412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-})$	25411	25011	1	32105
25413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+} D^{*+} D_s^{*-})$	25412	25012	1	32106
25414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^0 D^{*+} D_s^-\Delta^0\bar{\Sigma}_c^{*0})$	25413	25013	1	32107
25415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, B^0 \to K^+ D^-\bar{\Delta}^0\Sigma^{*0}$ $(e^+e^- \to e^+\nu_e\pi^- K^+ D^-\bar{D}^0\bar{\Delta}^0\Sigma^{*0})$	25414	25014	1	32108

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^- D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^- K^0 D^{*+}\bar{D}^{*-} D^0)$	25415	25015	1	32109
25417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^+\bar{\Delta}^+\Omega_c^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+ D^+ n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^-\rho^+ K^+ D^+ n\bar{\Delta}^+\bar{\Delta}^+\Omega_c^{*0})$	25416	25016	1	32110
25418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^{*+}\bar{D}^0\bar{p}\Delta^+)$	25417	25017	1	32111
25419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \eta\bar{D}^0, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta D^-\bar{D}^0)$	25418	25018	1	32112
25420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to \pi^0 K^0 D^{*+}\bar{D}^{*-} D^0 p\bar{\Delta}^+)$	25419	25019	1	32113
25421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^0\pi^- D^{*+} D_2^{*-})$	25420	25020	1	32114
25422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^- D^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^- D^+ D^{*+}\bar{D}^0)$	25421	25021	1	32115
25423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-} p\bar{p}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^+\eta\bar{D}^{*-} D_2^{*+} D_s^- p\bar{p})$	25422	25022	1	32116
25424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-})$	25423	25023	1	32117
25425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^0)$	25424	25024	1	32118
25426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	25425	25025	1	32119
25427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \rho^+\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{K}^0 D^- D^- D^0)$	25426	25026	1	32120
25428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Delta^+, \bar{B}^0 \to K^{*-} D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^- K^{*-} D^+\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+)$	25427	25027	1	32121
25429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^+ D^{*+} n\bar{\Sigma}_c^- D_{s1}'^-)$	25428	25028	1	32122
25430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_2^{*+}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^- D^{*+} D_2^{*+} D_s^{*-})$	25429	25029	1	32123
25431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\bar{K}^0 D^+ D^+\bar{D}^{*-})$	25430	25030	1	32124
25432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0})$	25431	25031	1	32125

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0 K^* K^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^* K^- D^+ D^-)$	25432	25032	1	32126
25434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^+)$	25433	25033	1	32127
25435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{K}^0 D^+ D^- \bar{D}^{*-})$	25434	25034	1	32128
25436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\bar{D}^{*-}\Delta^{++}\bar{\Lambda}, \bar{B}^0 \to \pi^-\omega K^+ K^- D^+$ $(e^+e^- \to \pi^-\omega K^+ K^- K^- D^+ \bar{D}^{*-}\Delta^{++}\bar{\Lambda})$	25435	25035	1	32129
25437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^0 K^{*-} D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^0 K^{*-} D^+ \bar{D}^{*-})$	25436	25036	1	32130
25438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^- K^*\bar{K}^* D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^*\bar{K}^* D^{*+} D^{*+})$	25437	25037	1	32131
25439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^0\pi^0\eta\eta\bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \pi^0\pi^0\eta\eta\bar{K}^0 K^{*+} D^- \bar{D}^{*-} D_s^{*+})$	25438	25038	1	32132
25440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^0\pi^0\pi^0\pi^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ D^- \bar{D}^{*-} a_1^+)$	25439	25039	1	32133
25441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^-, \bar{B}^0 \to \omega D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\omega D^- D^{*+} n\bar{p})$	25440	25040	1	32134
25442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^- D^{*0}\bar{D}^{*0}\bar{p}\Delta^+)$	25441	25041	1	32135
25443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\omega D^+\bar{D}^{*-})$	25442	25042	1	32136
25444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \eta K^0 D^0\bar{D}^0, B^0 \to \pi^0\pi^0\pi^- K^+ D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0 K^+ D^+\bar{D}^{*-} D^0\bar{D}^0)$	25443	25043	1	32137
25445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\omega\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^0)$	25444	25044	1	32138
25446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+ D^- D^{*0}, B^0 \to \rho^0\pi^+\rho^-\eta K^0\bar{K}^0 K^*$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta K^0\bar{K}^0 K^* K^+ D^- D^{*0})$	25445	25045	1	32139
25447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega K^0 D^{*+}\bar{D}^{*-} D_s^{*-})$	25446	25046	1	32140
25448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0 K^+\bar{D}^{*-}\bar{D}^{*-} D^{*0} D^{*0})$	25447	25047	1	32141
25449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0 K^*\bar{K}^*$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0 K^*\bar{K}^* D^- a_1^+)$	25448	25048	1	32142

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*-})$	25449	25049	1	32143
25451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^-D^{*+}\eta_c)$	25450	25050	1	32144
25452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\rho^-\omega\bar{K}^0K^*K^+, \bar{B}^0 \to \pi^0\pi^0D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\omega\bar{K}^0K^*K^+D^+\Sigma^-\bar{\Sigma}^0)$	25451	25051	1	32145
25453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^+K^{*-}D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^+K^{*-}D^+D^-)$	25452	25052	1	32146
25454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^+\bar{D}^{*-})$	25453	25053	1	32147
25455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0K^-D^-D^{*+})$	25454	25054	1	32148
25456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}D_s^{*-})$	25455	25055	1	32149
25457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^-D_s^{*+})$	25456	25056	1	32150
25458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \omega\Delta^+\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \omega\bar{D}^{*-}D_s^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	25457	25057	1	32151
25459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}D_1'^-)$	25458	25058	1	32152
25460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\omega D^+\bar{D}^{*-}n\bar{p}a_1^+)$	25459	25059	1	32153
25461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\bar{K}^0K^-D^-\bar{D}^{*0}D_s^{*+})$	25460	25060	1	32154
25462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^0\rho^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\bar{K}^*K^+D^-D^0)$	25461	25061	1	32155
25463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+})$	25462	25062	1	32156
25464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega D^{*+}D^{*+})$	25463	25063	1	32157
25465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^0\omega\bar{K}^0K^{*+}D^-\bar{p}\Sigma_c^+)$	25464	25064	1	32158
25466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p})$	25465	25065	1	32159

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^- D^{*0})$	25466	25066	1	32160
25468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \eta D^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\eta\bar{K}^0K^+\bar{D}^{*-}D^{*0}n\bar{n})$	25467	25067	1	32161
25469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0 D^+ D_2^{*-} D_s^+ D_s^{*-})$	25468	25068	1	32162
25470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^- D^{*+} D^0 D_s^-)$	25469	25069	1	32163
25471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\eta\bar{K}^*K^{*+}D^+D^-)$	25470	25070	1	32164
25472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 p\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^+ p\bar{\Xi}_c^{*-})$	25471	25071	1	32165
25473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^-\eta K^+$ $(e^+e^- \to \pi^-\eta K^+\bar{D}^{*-}D_s^{*+})$	25472	25072	1	32166
25474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta D^+\bar{D}^{*-})$	25473	25073	1	32167
25475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0D^+D^{*0}\bar{D}^{*0}n\bar{n})$	25474	25074	1	32168
25476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \omega D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^+\omega D^-D^-D^{*+})$	25475	25075	1	32169
25477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-\bar{n}\Lambda, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^+\rho^-\eta K^0D^+D^-\bar{n}\Lambda)$	25476	25076	1	32170
25478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\eta\omega D^{*+}D^{*+})$	25477	25077	1	32171
25479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\rho^0\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+K^0\bar{K}^0\bar{K}^*D^-D^{*0})$	25478	25078	1	32172
25480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-\omega D^+D_2^{*-})$	25479	25079	1	32173
25481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^+D^-\bar{n}p)$	25480	25080	1	32174
25482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	25481	25081	1	32175
25483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to K^*D^{*+}D^{*+}\bar{D}^{*-}n\bar{p})$	25482	25082	1	32176

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\Delta^{++}\bar{\Sigma}_c^{*--}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+D_s^{*-}\Delta^{++}\bar{\Sigma}_c^{*--})$	25483	25083	1	32177
25485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	25484	25084	1	32178
25486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D_0^{*+})$	25485	25085	1	32179
25487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^*D^{*+}\bar{D}^0D^{*0})$	25486	25086	1	32180
25488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*D^-$ $(e^+e^- \to \pi^+K^*\bar{K}^*D^+D^-\bar{D}^{*-})$	25487	25087	1	32181
25489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+\bar{D}^{*-}D_s^+)$	25488	25088	1	32182
25490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^*D^-D^{*+}D^{*+})$	25489	25089	1	32183
25491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+\bar{D}^{*-}D^{*0}D_1'^+)$	25490	25090	1	32184
25492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-D^+p\bar{\Sigma}_c^0a_1^-)$	25491	25091	1	32185
25493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0})$	25492	25092	1	32186
25494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	25493	25093	1	32187
25495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-D_s^{*+})$	25494	25094	1	32188
25496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	2565	2559	1	32189
25497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^+\rho^-\eta K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^-\eta K^-D^+D^{*+})$	25496	25096	1	32190
25498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	25497	25097	1	32191
25499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}\bar{D}^{*-}D^0D_0^{*+})$	25498	25098	1	32192
25500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\eta D^+n\bar{p}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0D^+D^0\bar{D}^{*0}n\bar{p})$	25499	25099	1	32193

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^0 K^- D^- D^{*+})$	25500	25100	1	32194
25502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^+ D^{*+}\bar{D}^{*-}D^{*0})$	25501	25101	1	32195
25503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\eta D^+ D^-)$	25502	12752	1	32196
25504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{K}^0 K^{*+}D^-, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+ K^0\bar{K}^0\bar{K}^0\bar{K}^* K^{*+} D^-\bar{D}^{*-}D^0)$	25503	25102	1	32197
25505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^* D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^* D^{*+}\bar{D}^{*-})$	25504	25103	1	32198
25506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega\bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega\bar{K}^* D^- D^{*+})$	25505	25104	1	32199
25507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^- D^+, \bar{B}^0 \to \pi^0\pi^-\rho^-\omega\bar{K}^0 K^+ D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\rho^-\omega\bar{K}^0 K^+ D^+ D^+)$	25506	25105	1	32200
25508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^0 K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+ K^- D^+ D^-\bar{D}^0)$	25507	25106	1	32201
25509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^- D_s^+, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*0}\Lambda\bar{\Sigma}^-$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0 D^-\bar{D}^{*0}D_s^+\Lambda\bar{\Sigma}^-)$	25508	25107	1	32202
25510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ K^-\psi'$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+ K^-\bar{D}^{*-}\psi')$	25509	25108	1	32203
25511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\eta'\eta_c, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta K^+\eta' D^{*+}\eta_c)$	25510	25109	1	32204
25512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^- D^-, \bar{B}^0 \to \rho^+ K^- D^+ D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^+\rho^- K^- D^+ D^- D^-)$	25511	25110	1	32205
25513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^0 D_s^+)$	25512	25111	1	32206
25514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \eta K^- D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\eta K^- D^- D^{*+}\bar{D}^0)$	25513	25112	1	32207
25515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0 D_s^+)$	25514	25113	1	32208
25516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^-\Delta^0\bar{\Sigma}^+, B^0 \to \pi^+ K^{*+}K^{*-}\phi\bar{D}^{*-}$ $(e^+e^- \to \pi^+ K^{*+}K^{*-}\phi D^-\bar{D}^{*-}\Delta^0\bar{\Sigma}^+)$	25515	25114	1	32209
25517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^0 D^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\omega K^0 D^+ D^{*+})$	2566	2560	1	32210

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	25517	25115	1	32211
25519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^0K^+K^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-K^0K^+K^{*-}D^+)$	25518	25116	1	32212
25520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^*K^{*+}D_s^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^*K^{*+}D^+D_s^-)$	25519	25117	1	32213
25521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^-\omega D^+D_1^+)$	25520	25118	1	32214
25522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-\bar{\Delta}^+\Delta^{++})$	25521	25119	1	32215
25523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-p\bar{\Delta}^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}p\bar{\Delta}^+)$	25522	25120	1	32216
25524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to K^0\bar{K}^0\bar{K}^0\bar{D}^0\Delta^+\bar{\Sigma}^-)$	25523	25121	1	32217
25525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D_s^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^*D^{*+}D_s^+D_s^-)$	25524	25122	1	32218
25526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^{*-})$	25525	25123	1	32219
25527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*0})$	25526	25124	1	32220
25528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^{*+}D_1'^-)$	25527	25125	1	32221
25529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^-D^{*+})$	25528	2883	1	32222
25530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+}D_0^{*+})$	25529	25126	1	32223
25531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	25530	25127	1	32224
25532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega K^0D^{*+}D^{*0}\bar{D}^{*0})$	25531	25128	1	32225
25533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+D^{*+})$	25532	25129	1	32226
25534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-})$	25533	25130	1	32227

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^+D^+D^-)$	25534	25131	1	32228
25536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^-\omega\omega D^-D^{*+}a_1^+)$	25535	25132	1	32229
25537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	25536	25133	1	32230
25538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta D^-D^{*+}\bar{n}p)$	25537	25134	1	32231
25539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\bar{D}^{*-}p\bar{\Delta}^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}p\bar{\Delta}^+)$	25538	25135	1	32232
25540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0K^-K^{*+}D^+D^-)$	25539	25136	1	32233
25541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-K^{*+}D^+J/\psi a_1^-)$	509	509	1	32234
25542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+D^-)$	25541	25138	1	32235
25543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}a_1^+)$	25542	25139	1	32236
25544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0D^-D^{*+}D^0a_1^-)$	25543	25140	1	32237
25545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^-\bar{D}^0D^{*0})$	25544	25141	1	32238
25546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+K^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}D^0)$	25545	25142	1	32239
25547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^*\bar{D}^{*-}\bar{D}^0D^{*0})$	25546	25143	1	32240
25548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^0D^+\bar{p}\Sigma^0$ $(e^+e^- \to K^0K^{*+}D^+\bar{D}^{*-}D^{*0}\bar{p}\Sigma^0)$	25547	25144	1	32241
25549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to K^0D^+\bar{D}^{*-}D_2^{*+}D_s^{*-})$	25548	25145	1	32242
25550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-D^-D^{*+}\bar{n}p)$	25549	25146	1	32243
25551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^-\eta\omega\omega D^+\bar{D}^{*-}\bar{\Delta}^-n)$	25550	25147	1	32244

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D_2^{*+}D^{*0}D_s^{*-})$	25551	25148	1	32245
25553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}p\bar{\Omega}_c^0, \bar{B}^0 \to \rho^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\eta K^{*-}D^{*+}p\bar{\Omega}_c^0)$	25552	25149	1	32246
25554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^+D^+D^-D^0)$	25553	25150	1	32247
25555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	25554	25151	1	32248
25556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^-D^{*+}n\bar{n})$	25555	25152	1	32249
25557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\rho^+J/\psi$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^+D^-J/\psi)$	25556	25153	1	32250
25558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}D_s^-)$	25557	25154	1	32251
25559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s0}^{*-}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \rho^+D^+\bar{p}\Sigma_c^0D_{s0}^{*-})$	25558	25155	1	32252
25560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^{*+}\bar{D}^0D_s^+)$	25559	25156	1	32253
25561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^*D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^-K^*D^{*+}D^{*0})$	25560	25157	1	32254
25562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^-K^+K^{*-}D^+D^-D_{s1}'^+)$	25561	25158	1	32255
25563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0D^{*+}\eta_c)$	25562	25159	1	32256
25564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-D^+\bar{D}^0)$	25563	25160	1	32257
25565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^-K^0\bar{K}^0K^*\bar{K}^*D^{*+}\bar{D}^{*0})$	25564	25161	1	32258
25566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\omega K^0\bar{K}^*K^{*-}$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^*K^{*-}\bar{D}^{*-}a_1^+)$	25565	25162	1	32259
25567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^+D_s^{*+}D_s^{*-})$	25566	25163	1	32260
25568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^-K^{*+}D^+D^{*+}\bar{D}^{*-}n\bar{p})$	25567	25164	1	32261

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^- D^+\gamma$ $(e^+e^- \to e^+\nu_e\rho^- D^+ D^-\gamma)$	25568	25165	1	32262
25570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\eta K^0 D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^0\bar{K}^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta\omega K^0 K^0\bar{K}^0 K^{*-} D^+ D_s^{*-})$	25569	25166	1	32263
25571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^- D^+ D_1^-)$	25570	25167	1	32264
25572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- D^- D^{*+})$	25571	25168	1	32265
25573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+ D^- D^0 D_s^{*-})$	25572	25169	1	32266
25574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s0}^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^- K^+ K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^+ K^- D^+ \bar{D}^{*-} D_{s0}^{*+})$	25573	25170	1	32267
25575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\eta_c(2S), \bar{B}^0 \to \rho^0\rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\rho^- K^+ D^{*+}\eta_c(2S))$	25574	25171	1	32268
25576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^+\rho^- D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^+\rho^-\bar{D}^{*-} D^0)$	25575	25172	1	32269
25577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S K^+ K^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K_S K^+ K^- D^{*+})$	25576	25173	1	32270
25578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to \rho^+\rho^-\omega\bar{D}^{*-} D_1^+)$	25577	25174	1	32271
25579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^- D^+\bar{D}^0)$	25578	25175	1	32272
25580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+ D^{*+}\bar{D}^{*-})$	25579	3035	1	32273
25581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0 D^+\bar{D}^0 D_s^{*-})$	25580	25176	1	32274
25582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^+ K^- D^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \rho^+\eta K^+ K^- D^- D^{*+} D_s^-)$	25581	25177	1	32275
25583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ D^+ D^-\bar{\Sigma}^+\Sigma^-)$	25582	25178	1	32276
25584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega D^-\bar{n}p, \bar{B}^0 \to K^{*-} D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta\omega K^{*-} D^- D^{*+}\bar{D}^{*0}\bar{n}p)$	25583	25179	1	32277
25585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+ K^-\psi'$ $(e^+e^- \to \pi^+ K^-\bar{D}^{*-} D_s^{*+}\psi')$	25584	25180	1	32278

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^+K^{*-}D^{*+}\bar{D}^{*-})$	25585	25181	1	32279
25587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^-D^{*+}\bar{n}\Lambda_c^+a_1^-)$	25586	25182	1	32280
25588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to D^{*+}\Sigma^{*-}\bar{\Sigma}^{*0}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}\Sigma^{*-}\bar{\Sigma}^{*0})$	25587	25183	1	32281
25589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0K^+K^-K^-K^{*+}\bar{D}^{*-}D^{*0})$	25588	25184	1	32282
25590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0)$	25589	25185	1	32283
25591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^-D^{*+})$	25590	25186	1	32284
25592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^+D^-)$	25591	25187	1	32285
25593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-K^{*+}J/\psi, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^-K^{*+}D^{*+}D_s^-J/\psi)$	25592	25188	1	32286
25594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	25593	25189	1	32287
25595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^{*-}D^{*+}\bar{D}^{*-})$	25594	25190	1	32288
25596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-D_1^-)$	25595	25191	1	32289
25597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \rho^+D^0\bar{D}^{*0}D_s^{*-}\bar{n}\Delta^0)$	25596	25192	1	32290
25598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta D^+D^-n\bar{p})$	25597	25193	1	32291
25599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}J/\psi)$	25598	25194	1	32292
25600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+K_1^0\psi(3770))$	25599	25195	1	32293
25601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^+D^-\bar{D}^{*-})$	25600	25196	1	32294
25602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0K^0D^0\bar{D}^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^0K^0D^+D^0\bar{D}^0a_1^-)$	25601	25197	1	32295

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_2^{*+}n\bar{n})$	25602	25198	1	32296
25604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+D^-D^{*+})$	25603	25199	1	32297
25605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^+\pi^+\omega\bar{K}^*D^-\bar{D}^{*-}D^0)$	25604	25200	1	32298
25606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\omega D^-D_1'^+)$	25605	25201	1	32299
25607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	25606	25202	1	32300
25608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0)$	25607	25203	1	32301
25609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+D^-D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+D^-D^0\bar{D}^{*0})$	25608	25204	1	32302
25610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0D^+D^-\bar{D}^{*-})$	25609	1270	1	32303
25611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^+\bar{D}^{*-}n\bar{n})$	25610	25205	1	32304
25612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	25611	25206	1	32305
25613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^0\bar{K}^*K^+K^-D^+\bar{D}^{*-})$	25612	25207	1	32306
25614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D_1^+D_1^-)$	25613	25208	1	32307
25615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}D_s^{*-})$	25614	14827	1	32308
25616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^+D^{*+})$	25615	25209	1	32309
25617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-})$	25616	25210	1	32310
25618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}D_0^{*+})$	25617	25211	1	32311
25619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}D^{*+})$	25618	25212	1	32312

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-K^-D^+\bar{D}^0)$	25619	25213	1	32313
25621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+K^0K^-K^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+K^0K^-K^-\bar{D}^{*-}D^0)$	25620	25214	1	32314
25622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^{*+}D^{*+}\bar{D}^0D_{s1}'^-)$	25621	25215	1	32315
25623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta\eta D^+D^-)$	25622	25216	1	32316
25624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^{*-}D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^-K^+K^{*-}D^+\bar{D}^{*-}n\bar{n})$	25623	25217	1	32317
25625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^{*+}\eta_cD_1'^+)$	25624	25218	1	32318
25626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^+D^-)$	25625	25219	1	32319
25627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	25626	25220	1	32320
25628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega D^+D^-\bar{n}p)$	25627	25221	1	32321
25629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega D^-D_0^{*+})$	25628	25222	1	32322
25630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^+K^-D^{*+}\bar{D}^{*-})$	25629	25223	1	32323
25631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\omega\omega D^{*+}D_1^-)$	25630	25224	1	32324
25632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^-D^-D^{*+})$	25631	25225	1	32325
25633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^+n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*+}n\bar{n})$	25632	25226	1	32326
25634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\rho^+\rho^-\omega K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^+\rho^-\omega\omega K^-D^-\bar{D}^{*-})$	25633	25227	1	32327
25635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}n\bar{n})$	25634	25228	1	32328
25636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_2^{*+}D^0\bar{D}^0)$	25635	25229	1	32329

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	25636	25230	1	32330
25638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\bar{K}^*$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\bar{K}^*D^-)$	25637	25231	1	32331
25639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^+D^-)$	25638	25232	1	32332
25640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0K^0K^+K^-D^-D^{*+}D^{*0})$	25639	25233	1	32333
25641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{p})$	25640	25234	1	32334
25642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}\bar{D}^{*-}p\bar{p})$	25641	25235	1	32335
25643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+n\bar{p}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-D_2^{*+}n\bar{p})$	25642	25236	1	32336
25644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	25643	25237	1	32337
25645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+D_2^{*-}D_s^+)$	25644	25238	1	32338
25646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	25645	25239	1	32339
25647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	25646	10737	1	32340
25648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+D^-D_s^+)$	25647	25240	1	32341
25649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta K^+D^{*+}\bar{D}^0D^{*0})$	25648	25241	1	32342
25650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+K^+K^-D^-D^{*+})$	25649	25242	1	32343
25651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\omega D^0\bar{D}^0)$	25650	25243	1	32344
25652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^{*+}D_0^{*-})$	25651	25244	1	32345
25653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}\bar{D}^{*-}D^0\bar{p}\Delta^{++})$	25652	25245	1	32346

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0 K^- \bar{p}\Sigma_c^{*++}$ $(e^+e^- \to e^+\nu_e\rho^0 K^- D^- \bar{p}\Sigma_c^{*++})$	25653	25246	1	32347
25655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^0\pi^0\pi^+\eta\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\omega K^+D^-D^-D^{*0})$	25654	25247	1	32348
25656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^-D^{*+}\bar{\Delta}^-\Delta^-)$	25655	25248	1	32349
25657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^-\Delta^0\gamma, B^0 \to \pi^+\pi^-K^*\bar{D}^0\Lambda\bar{\Lambda}$ $(e^+e^- \to \pi^+\pi^-K^*D^-\bar{D}^0\bar{\Delta}^-\Delta^0\Lambda\bar{\Lambda}\gamma)$	25656	25249	1	32350
25658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^-n\bar{\Lambda}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega\bar{K}^0K^-\bar{D}^{*-}n\bar{\Lambda})$	25657	25250	1	32351
25659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\psi', B^0 \to K^*D^0\bar{D}^0$ $(e^+e^- \to K_SK^*D^0\bar{D}^0\psi')$	25658	25251	1	32352
25660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+D^-)$	25659	22563	1	32353
25661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\omega\omega K^{*-}D^-D^{*0})$	2568	2562	1	32354
25662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\bar{n}\Lambda$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D^{*0}\bar{n}\Lambda)$	25661	25253	1	32355
25663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to D^-D_s^+\gamma$ $(e^+e^- \to K^*D^-D^{*+}\bar{D}^{*-}D_s^+\gamma)$	25662	25254	1	32356
25664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^-D^{*+}\bar{D}^{*-}a_1^+)$	25663	25255	1	32357
25665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^-D^+\bar{n}\Lambda_c^+)$	25664	25256	1	32358
25666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+K^0K^-\phi$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+K^0K^-\phi D_1^-)$	25665	25257	1	32359
25667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^{*+}\bar{D}^{*0}D_0^{*+})$	25666	25258	1	32360
25668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\omega\eta'\bar{D}^{*-}\bar{D}^{*-})$	25667	25259	1	32361
25669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\rho^+D^-D^{*+})$	25668	25260	1	32362
25670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'D^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega\eta'D^-D^0D_s^-)$	25669	25261	1	32363

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, B^0 \to \pi^+K^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^{*+}D^-\bar{D}^{*-}D^0)$	25670	25262	1	32364
25672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D_1^-)$	25671	25263	1	32365
25673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	25672	25264	1	32366
25674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+D_2^{*+}D_s^{*-})$	25673	25265	1	32367
25675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^+)$	25674	25266	1	32368
25676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^*D^{*+}\bar{D}^0D^{*0})$	25675	25267	1	32369
25677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0K^+D^-D^{*0}D^{*0})$	25676	25268	1	32370
25678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \rho^-D^+D^-\bar{p}\Delta^+a_1^+)$	25677	25269	1	32371
25679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\bar{D}^0, B^0 \to \pi^+\omega\omega D^-$ $(e^+e^- \to \pi^+\omega\omega K^0D^-\bar{D}^0)$	25678	25270	1	32372
25680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to K^0K^-D^+D^+\bar{D}^{*-}\bar{D}^0)$	25679	25271	1	32373
25681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+K_1^0\psi(3770))$	25680	25272	1	32374
25682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0\bar{D}^{*-}D_1^-)$	25681	25273	1	32375
25683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+\Delta^0\bar{p})$	25682	25274	1	32376
25684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+n\bar{\Lambda}_c^-D_0^{*+})$	25683	25275	1	32377
25685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^-D^-D_s^+, \bar{B}^0 \to D^{*+}a_1^-\gamma\gamma$ $(e^+e^- \to K^+K^-D^-D^{*+}D_s^+a_1^-\gamma\gamma)$	25684	25276	1	32378
25686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+\eta\omega D^-D_s^{*-}D_1^+)$	25685	25277	1	32379
25687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^0D^-D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D_s^{*+}D_1'^-)$	25686	25278	1	32380

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega K^{*+}D^-D^{*+})$	25687	25279	1	32381
25689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0D^+D^+D^-D_s^{*-})$	25688	25280	1	32382
25690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0K^*K^-D^+, \bar{B}^0 \to \pi^0\rho^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0K^*K^-K^-D^+D^+\bar{D}^0)$	25689	25281	1	32383
25691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^{*+}D^+D^-D^0\Delta^-\bar{\Delta}^0)$	25690	25282	1	32384
25692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^-\eta\eta\omega D^{*+}D^{*+})$	25691	25283	1	32385
25693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-D_2^{*-}D_s^{*+})$	25692	25284	1	32386
25694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^*D^+D^+\bar{D}^{*-})$	25693	25285	1	32387
25695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^0K^{*-}D^{*+}\bar{D}^{*-}a_1^+)$	25694	25286	1	32388
25696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}\bar{D}^0)$	25695	25287	1	32389
25697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^+\bar{p}\Omega_c^{*0}$ $(e^+e^- \to e^+\nu_e K^+D^-\bar{p}\Omega_c^{*0})$	25696	25288	1	32390
25698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\bar{\Sigma}^-\Xi_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^0D^-\bar{\Sigma}^-\Xi_c^+)$	25697	25289	1	32391
25699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^-D^+\bar{D}^{*0}D_1'^-)$	25698	25290	1	32392
25700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, B^0 \to \rho^-K^+D^0\bar{D}^0$ $(e^+e^- \to \pi^+\rho^-K^+D^0\bar{D}^0\Delta^0\bar{\Sigma}_c^{*-})$	25699	25291	1	32393
25701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^+D^-D^-)$	25700	4381	1	32394
25702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta'\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^{*+}\eta'D^-\bar{D}^{*-})$	25701	25292	1	32395
25703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^+D^+D^-D_s^-)$	25702	25293	1	32396
25704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\pi^-\omega D^+\bar{D}^0D_s^+)$	25703	25294	1	32397

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}D^{*0})$	25704	25295	1	32398
25706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^-\rho^-\omega\omega\omega D^{*+}D^{*+})$	25705	25296	1	32399
25707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \eta\bar{n}\Xi_c'^0$ $(e^+e^- \to \rho^+\eta\bar{n}\Delta^0\bar{\Sigma}_c^-\Xi_c'^0)$	25706	25297	1	32400
25708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0 K^0\bar{K}^0 D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 K^0\bar{K}^0 D^{*0}D_1^-)$	25707	25298	1	32401
25709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0 D^{*0}$ $(e^+e^- \to \pi^0\rho^0 D^-D^{*0}D_s^+)$	25708	25299	1	32402
25710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to e^+\nu_e K^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	25709	25300	1	32403
25711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^-p\bar{\Sigma}_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}p\bar{\Sigma}_c^{*0})$	25710	25301	1	32404
25712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e K^*K^-D^+\bar{D}^{*-}n\bar{n})$	25711	25302	1	32405
25713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0 K^+K^-D^-D^{*+})$	25712	25303	1	32406
25714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}n\bar{p})$	25713	25304	1	32407
25715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^+\bar{D}^{*-})$	25714	25305	1	32408
25716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	25715	25306	1	32409
25717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\bar{K}^0\Delta^-\bar{n}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0 D^{*+}\Delta^-\bar{n})$	25716	25307	1	32410
25718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^-D_1^+)$	25717	25308	1	32411
25719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau X_u^+\bar{D}^{*-})$	25718	25309	1	32412
25720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\omega D^+\bar{D}^{*0})$	25719	25310	1	32413
25721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^0D_s^{*+})$	25720	25311	1	32414

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}\Delta^-\bar{n})$	25721	25312	1	32415
25723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}\bar{n}\Delta^0)$	25722	25313	1	32416
25724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0J/\psi)$	25723	25314	1	32417
25725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}D_s^{*-})$	25724	21181	1	32418
25726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to \rho^0\pi^+\rho^-K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\rho^-K^+K^-D^+D^-D^{*+})$	25725	25315	1	32419
25727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	25726	25316	1	32420
25728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\omega K^0K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\omega K^0K^{*-}D^+D^-)$	25727	25317	1	32421
25729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta D^+D^-)$	25728	25318	1	32422
25730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^*D^0\bar{D}^0, \bar{B}^0 \to \pi^+\eta K^-D^{*0}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^*K^-D^0\bar{D}^0D^{*0}p\bar{p})$	25729	25319	1	32423
25731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	25730	25320	1	32424
25732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^{*0})$	25731	25321	1	32425
25733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^{*0}D_s^{*-}\bar{\Delta}^+\Delta^{++})$	25732	25322	1	32426
25734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to K^{*-}D^+D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^+)$	25733	25323	1	32427
25735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^-D^{*+})$	25734	25324	1	32428
25736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+D^{*+}D^0\bar{D}^0)$	25735	25325	1	32429
25737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^-D_s^{*+}\chi_{c1})$	25736	25326	1	32430
25738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\rho^-K^+D^+\bar{D}^{*0})$	25737	25327	1	32431

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to D^0\bar{n}\Sigma^0$ $(e^+e^- \to D_2^{*-}D^0D_s^{*+}\bar{n}\Sigma^0)$	25738	25328	1	32432
25740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0K^*\bar{K}^*K^+K^-D^{*+}D^{*0}\bar{D}^{*0})$	25739	25329	1	32433
25741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+D^-)$	25740	25330	1	32434
25742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\bar{K}^*D^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\bar{K}^*D^-\bar{D}^{*-}D^{*0})$	25741	25331	1	32435
25743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, B^0 \to \pi^+\rho^+K^0K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^+K^0K^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*--})$	25742	25332	1	32436
25744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^-D^0p\bar{\Sigma}_c^-)$	25743	25333	1	32437
25745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega K^0D^+D^-D^{*+}D_s^{*-})$	25744	25334	1	32438
25746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*K^+\bar{D}^{*-}D_1'^-)$	25745	25335	1	32439
25747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^+D^+\Sigma^{*0}\bar{\Lambda}_c^-)$	25746	25336	1	32440
25748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau a_1^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}a_1^+)$	25747	25337	1	32441
25749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, B^0 \to \pi^-K^{*+}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^{*+}D^-D^0\bar{D}^{*0}\bar{\Delta}^0\Delta^+)$	25748	25338	1	32442
25750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^{*-}D^+\Delta^+\bar{\Sigma}_c^{*0})$	25749	25339	1	32443
25751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^{*-}D^-D^{*+})$	25750	25340	1	32444
25752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to K^0K^-D^0\bar{D}^{*0}\bar{\Lambda}\Sigma_c^+)$	25751	25341	1	32445
25753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\bar{K}^0D^-p\bar{p}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^0K^-D^-D^{*+}\bar{D}^0p\bar{p})$	25752	25342	1	32446
25754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-K^0K^0\bar{K}^0D^+D^{*0}\bar{D}^{*0})$	25753	25343	1	32447
25755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\eta\eta D^-\bar{D}^{*-})$	25754	25344	1	32448

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}n\bar{n})$	25755	25345	1	32449
25757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+D^-, B^0 \to \rho^+\rho^+\rho^-D^-\gamma$ $(e^+e^- \to \rho^+\rho^+\rho^-\bar{K}^0K^+D^-D^-\gamma)$	25756	25346	1	32450
25758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^*K^{*+}D^-D^{*+}\bar{D}^{*-}D^0)$	25757	25347	1	32451
25759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to \pi^+K^-D^0$ $(e^+e^- \to \pi^+K^-K^{*+}\bar{D}^{*-}D^0\bar{n}\Lambda)$	25758	25348	1	32452
25760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0)$	25759	25349	1	32453
25761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	2569	2563	1	32454
25762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0K^0D^+D^{*0}\bar{D}^{*0}D_s^{*-})$	25761	25351	1	32455
25763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\rho^-D^+D^-D_{s1}'^-)$	25762	25352	1	32456
25764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*+}\Delta^-\bar{n})$	25763	25353	1	32457
25765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+p\bar{\Sigma}_c^-)$	25764	25354	1	32458
25766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^*K^+D^-D_1^+)$	25765	25355	1	32459
25767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-\bar{K}^0K^+D^-D^{*+})$	25766	25356	1	32460
25768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	25767	25357	1	32461
25769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^-\eta D^+n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D_2^{*-}n\bar{n})$	25768	25358	1	32462
25770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^-D^{*+})$	25769	22060	1	32463
25771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^+J/\psi)$	25770	25359	1	32464
25772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0D^-D^{*0}\bar{D}^{*0})$	25771	25360	1	32465

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+K^{*+}\bar{D}^{*-}D^0D^{*0}D_s^-)$	2570	2564	1	32466
25774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-n\bar{n}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^0\rho^+\bar{K}^*K^-D^+D^-n\bar{n})$	25773	25362	1	32467
25775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-}a_1^+\gamma)$	25774	25363	1	32468
25776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^*D^{*+}D^0D_{s1}'^-)$	25775	25364	1	32469
25777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}D_s^{*-}\Delta^0\bar{\Delta}^0)$	25776	25365	1	32470
25778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^{*+}\bar{D}^{*-}D_s^+)$	25777	25366	1	32471
25779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to K^+K^-D^{*+}n\bar{p}$ $(e^+e^- \to K^0K^+K^-D^{*+}D^0\bar{D}^0n\bar{p})$	2571	2565	1	32472
25780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	25779	2563	1	32473
25781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^{*-}D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	25780	25368	1	32474
25782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+})$	25781	6472	1	32475
25783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu K^*D^+D^-\bar{D}^{*-})$	25782	25369	1	32476
25784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta\omega D^{*+}n\bar{\Sigma}_c^0)$	25783	25370	1	32477
25785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to \rho^-D^-D_s^{*+}\bar{n}\Sigma_c^{*+})$	25784	25371	1	32478
25786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^+D^+D^-)$	25785	25372	1	32479
25787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\omega K^0K^-D^-D^{*+})$	25786	25373	1	32480
25788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+D^-)$	25787	25374	1	32481
25789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega D^+D^+D^-)$	2572	2566	1	32482

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\rho^+K^-K^{*+}\bar{D}^{*-}D^0D_s^-)$	25789	25376	1	32483
25791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	25790	20985	1	32484
25792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	25791	25377	1	32485
25793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \omega D^+D^-\bar{n}pD_{s1}'^-)$	25792	25378	1	32486
25794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-K^0K^-D^+D^{*0})$	25793	25379	1	32487
25795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0p\bar{\Delta}^+, \bar{B}^0 \to \pi^+\eta K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta K^-D^{*+}\bar{D}^{*-}D^0p\bar{\Delta}^+)$	25794	25380	1	32488
25796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\pi^-\omega\eta'D^+\bar{D}^{*-}D_s^+)$	25795	25381	1	32489
25797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^0\bar{D}^{*-}D^{*0}D_1^+)$	25796	25382	1	32490
25798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^+\bar{D}^{*-})$	25797	25383	1	32491
25799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0D^+\bar{D}^{*-}D^{*0}D_s^{*-})$	25798	25384	1	32492
25800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\rho^-K^*K^-D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^*K^-D^-D^{*+}D_s^-)$	25799	25385	1	32493
25801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\omega\bar{D}^{*0}\bar{p}\Lambda_c^+)$	25800	25386	1	32494
25802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^0D_s^-D_s^{*+}D_1^-)$	25801	25387	1	32495
25803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	25802	25388	1	32496
25804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-K^0D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	25803	25389	1	32497
25805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^0D^+D^0\bar{D}^0)$	25804	25390	1	32498
25806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}D^{*0})$	25805	25391	1	32499

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega D^+D^-)$	25806	25392	1	32500
25808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^+\bar{D}^{*-})$	25807	25393	1	32501
25809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+K^0\bar{K}^*D^+D^-p\bar{\Delta}^{++})$	25808	25394	1	32502
25810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \pi^0\rho^0\rho^+K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+K^-K^{*+}K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0)$	25809	25395	1	32503
25811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+D^{*0}D_s^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^+K^-D^{*+}D^{*0}\bar{D}^{*0}D_s^-)$	25810	25396	1	32504
25812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^-\eta' D^+D^{*+}D_s^-)$	25811	25397	1	32505
25813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0\bar{K}^0K^{*-}D^{*+}D_s^{*+})$	25812	25398	1	32506
25814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^-\eta K^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\eta K^0\bar{D}^{*-})$	25813	25399	1	32507
25815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+K^-D^-D^0\bar{D}^{*0})$	2573	2567	1	32508
25816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0K^*D^{*+}\bar{D}^{*-}D^0)$	25815	25401	1	32509
25817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+K^0\bar{K}^0\bar{K}^*D^-D^-D^{*+})$	25816	25402	1	32510
25818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^-\rho^-\eta K^{*+}D^+\bar{D}^{*0})$	25817	25403	1	32511
25819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\eta\bar{D}^{*-}p\bar{\Delta}^{++}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\eta\bar{D}^{*-}p\bar{\Delta}^{++}D_1'^+)$	25818	25404	1	32512
25820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\rho^-\omega D^-\bar{D}^{*-})$	2574	2568	1	32513
25821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega K^-D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-D^{*+}D_s^+)$	25820	25405	1	32514
25822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^-D^{*+})$	25821	20911	1	32515
25823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^-\rho^-D^+\bar{\Delta}^0p$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^+D^-\bar{\Delta}^0p)$	25822	25406	1	32516

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^- D^+\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^- D^+\bar{D}^{*-}\bar{D}^0)$	25823	25407	1	32517
25825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \rho^- K^0\bar{K}^0K^*D^+\Sigma^0\bar{\Sigma}_c^{*0})$	25824	25408	1	32518
25826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^+\eta D^- D_0^{*-})$	25825	25409	1	32519
25827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	25826	25410	1	32520
25828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*0}n\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*0}n\bar{\Delta}^0)$	25827	25411	1	32521
25829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D_s^+, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \rho^0\pi^+K^{*-}D^-D_s^+J/\psi)$	25828	25412	1	32522
25830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-})$	25829	25413	1	32523
25831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^+D^{*+})$	25830	25414	1	32524
25832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-\gamma, \bar{B}^0 \to \omega K^-D_s^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\omega K^-D^-D_s^{*+}\gamma)$	25831	25415	1	32525
25833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\omega\bar{K}^0K^{*+}D^-D^{*+})$	25832	25416	1	32526
25834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^*\bar{D}^{*-}D_s^+)$	25833	25417	1	32527
25835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^+\pi^-K^-D^+D^{*+}\bar{D}^{*0}\Delta^0\bar{p})$	25834	25418	1	32528
25836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-D^-D^{*+})$	25835	25419	1	32529
25837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \rho^0\pi^-K^{*+}J/\psi\bar{p}\Sigma_c^+)$	25836	25420	1	32530
25838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^*\eta' n\bar{p}, \bar{B}^0 \to \pi^+\rho^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^*K^-\eta' D^{*+}n\bar{p})$	25837	25421	1	32531
25839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Sigma}^0\Xi^0$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D^0\bar{\Sigma}^0\Xi^0)$	25838	25422	1	32532
25840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^-D^-\eta_c)$	25839	25423	1	32533

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0 D^{*+}\bar{\Delta}^0\Sigma_c^0 a_1^-)$	25840	25424	1	32534
25842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\omega\bar{K}^* D^- D^- D^{*+})$	25841	25425	1	32535
25843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \eta\bar{K}^0 K^{*+} K^{*-} D^+ D^- \bar{D}^{*0})$	25842	25426	1	32536
25844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+} D^- D_2^{*+} D^{*0})$	25843	25427	1	32537
25845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+ D^{*+}\bar{D}^0 D_s^{*-})$	25844	25428	1	32538
25846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\omega\bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\bar{K}^0 K^{*+} D^+ D_2^{*+} D_s^{*-})$	25845	25429	1	32539
25847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+ K^+ K^- \bar{D}^0, \bar{B}^0 \to \pi^+ K^{*-} D^0 \bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^+ K^- K^{*-} D^0 \bar{D}^0 \bar{D}^{*0})$	25846	25430	1	32540
25848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta K^0\bar{K}^0 D^- D^{*+})$	25847	25431	1	32541
25849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_{s0}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^- D^+ D^{*+} D_{s0}^{*-})$	25848	25432	1	32542
25850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^+\rho^+ K^* K^- K^- \bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+ K^* K^- K^- D_2^{*-}\bar{D}^0)$	25849	25433	1	32543
25851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{D}^{*-} D^{*0})$	25850	25434	1	32544
25852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	25851	25435	1	32545
25853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* K^+\bar{\Sigma}^0\Xi^-, \bar{B}^0 \to \phi D^{*+} D_s^-$ $(e^+e^- \to K^* K^+\phi D^{*+} D_s^-\bar{\Sigma}^0\Xi^-)$	25852	25436	1	32546
25854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^- D^+\bar{D}^{*-})$	25853	17006	1	32547
25855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^+\rho^-\omega$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^-)$	25854	25437	1	32548
25856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\omega\omega D^+ D^-)$	25855	25438	1	32549
25857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+} n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^- D^{*+}\bar{D}^{*-} n\bar{n})$	25856	25439	1	32550

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^* D_s^+ D_s^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^0 K^* D^{*+} D_s^+ D_s^- a_1^-)$	25857	25440	1	32551
25859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0 K^+ D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0 K^+ D^+ p\bar{\Lambda}_c^-)$	25858	25441	1	32552
25860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s0}^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-} D_{s0}^{*+}\gamma)$	25859	25442	1	32553
25861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^* K^- D^+$ $(e^+e^- \to e^+\nu_e K^* K^- D^+\bar{D}^{*-})$	25860	25443	1	32554
25862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\bar{K}^0 K^{*+} D^- D_1'^+)$	25861	25444	1	32555
25863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^{*+} D^0\bar{D}^0)$	25862	25445	1	32556
25864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^- D^+\bar{\Delta}^+\Sigma_c^{*0})$	25863	25446	1	32557
25865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_1^+ D_{s1}'^+)$	25864	25447	1	32558
25866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^+ D^-)$	25865	10837	1	32559
25867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \rho^- D^+ D_s^- D_1^+)$	25866	25448	1	32560
25868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^+ K^{*-}\bar{D}^0, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^0\rho^- K^+ K^{*-} D^+\bar{D}^0)$	25867	25449	1	32561
25869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to K^{*+} D^- D_2^{*+} D^0 D_s^-)$	25868	25450	1	32562
25870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^-\rho^+ D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	25869	25451	1	32563
25871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-})$	25870	25452	1	32564
25872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\pi^-\bar{D}^{*0} D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^- D^-\bar{D}^{*0} D_s^{*+})$	25871	25453	1	32565
25873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to e^+\nu_e D_0^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-} D_0^{*-})$	25872	25454	1	32566
25874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_s^{*+} D_1^-, B^0 \to \rho^0\omega D^-\bar{n}p$ $(e^+e^- \to \rho^0\omega D^- D_s^{*+}\bar{n}p D_1^-)$	25873	25455	1	32567

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \mu^+\nu_\mu X_u^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^- \rho^+D^-)$	25874	25456	1	32568
25876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^+D^+D^-D^0)$	2575	2569	1	32569
25877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-D^+D_s^{*-}\bar{p}\Sigma_c^+)$	25876	25458	1	32570
25878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^0)$	25877	25459	1	32571
25879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\chi_{c0}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*\bar{D}^{*-}\chi_{c0})$	25878	25460	1	32572
25880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+})$	25879	25461	1	32573
25881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^0K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^0\bar{K}^0K^{*+}K^{*-}D^0\bar{D}^{*0})$	25880	25462	1	32574
25882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^+D^-D^{*+}D^{*0})$	25881	25463	1	32575
25883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^+D^-D_s^{*+})$	25882	25464	1	32576
25884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-K^+K^-D^+\bar{D}^0D_s^+)$	25883	25465	1	32577
25885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D_0^{*-})$	25884	25466	1	32578
25886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+p\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\eta D^+D^+p\bar{p})$	25885	25467	1	32579
25887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+\bar{D}^{*-}D_1'^+)$	25886	25468	1	32580
25888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^0\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^0)$	25887	25469	1	32581
25889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_2^{*-}D_s^+)$	25888	132	1	32582
25890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^0\bar{\Delta}^0\Omega_c^{*0}$ $(e^+e^- \to K^0\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0}D_{s1}'^+)$	25889	25470	1	32583
25891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^+D^{*+}D_s^-a_1^-)$	25890	25471	1	32584

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^-D^{*+})$	25891	25472	1	32585
25893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^+)$	25892	25473	1	32586
25894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+})$	25893	20651	1	32587
25895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}n\bar{p})$	25894	25474	1	32588
25896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	25895	25475	1	32589
25897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\eta\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	25896	25476	1	32590
25898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{n}pD_1^+)$	25897	25477	1	32591
25899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+D^-p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-\bar{D}^{*-}p\bar{\Delta}^+)$	25898	25478	1	32592
25900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\eta D^-D^{*+})$	25899	20246	1	32593
25901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta K^*D^-D^{*+}D^{*+})$	25900	25479	1	32594
25902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \eta K^*D_s^{*-}\eta_cD_1'^+)$	25901	25480	1	32595
25903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\omega D^-n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega\omega\bar{K}^0K^+D^-\bar{D}^{*-}n\bar{p})$	25902	25481	1	32596
25904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	25903	25482	1	32597
25905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}a_1^-\gamma)$	25904	25483	1	32598
25906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega K^+D_s^-, \bar{B}^0 \to \eta\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\bar{K}^*K^+D^+D^-D_s^-)$	25905	25484	1	32599
25907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}D_1^+)$	25906	25485	1	32600
25908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+D^-D^{*+}D_{s1}'^-)$	25907	25486	1	32601

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-})$	25908	25487	1	32602
25910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0D^{*0}, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\omega D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0})$	25909	25488	1	32603
25911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0K^*K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	25910	25489	1	32604
25912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	25911	25490	1	32605
25913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\bar{K}^0K^*D^-D^{*+})$	25912	25491	1	32606
25914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^*D^+D^+D^-)$	25913	25492	1	32607
25915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\omega D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0D^0\bar{D}^0D_s^{*+})$	25914	25493	1	32608
25916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^*\eta_c, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^*D^{*+}\eta_c)$	25915	25494	1	32609
25917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	25916	25495	1	32610
25918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-K^+\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+K^+\bar{D}^{*-}\eta_c)$	25917	25496	1	32611
25919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^*D^{*+}\bar{D}^0)$	25918	25497	1	32612
25920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-K^0D^+\bar{D}^0D_s^{*-})$	25919	25498	1	32613
25921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^{*+}a_1^-\gamma)$	25920	25499	1	32614
25922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-})$	25921	25500	1	32615
25923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\omega\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^{*+})$	25922	25501	1	32616
25924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^+K^{*-}D^{*+}\bar{D}^{*-})$	25923	25502	1	32617
25925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*0})$	25924	25503	1	32618

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\rho^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\rho^-\eta D^{*+})$	25925	25504	1	32619
25927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^0\rho^- D^{*+})$	25926	25505	1	32620
25928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^- K^0K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^0K^- D^+\bar{D}^{*0})$	25927	25506	1	32621
25929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-\eta\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	25928	25507	1	32622
25930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{\Delta}^0\Sigma_c^{*+}D_0^{*-})$	25929	25508	1	32623
25931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*+})$	25930	25509	1	32624
25932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^{*+}D_s^{*-}D_1^+)$	25931	25510	1	32625
25933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^{*-}\eta' D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^{*-}\eta'\bar{D}^{*-}D_s^+)$	25932	25511	1	32626
25934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+})$	25933	25512	1	32627
25935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}D_s^+)$	25934	25513	1	32628
25936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*0}D_s^{*+}D_s^{*-}\bar{n}\Delta^0)$	25935	25514	1	32629
25937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^*K^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	25936	25515	1	32630
25938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\eta K^0D^{*+}\bar{D}^{*-}D^0D_s^-)$	25937	25516	1	32631
25939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\omega K^{*+}K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\omega K^{*+}K^{*-}\bar{D}^{*-}D^{*0}D_s^{*+})$	25938	25517	1	32632
25940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega D^-\bar{\Delta}^0\Sigma_c^{*0})$	25939	25518	1	32633
25941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+K^+K^{*-}\bar{D}^{*-}D_1^+)$	25940	25519	1	32634
25942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+D^-D_{s1}'^+)$	25941	25520	1	32635

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0\bar{K}^0\bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^0n\bar{n})$	25942	25521	1	32636
25944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-D^-\bar{p}\Lambda_c^+)$	25943	25522	1	32637
25945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^*K^+K^{*-}D^{*+}\bar{D}^{*-})$	25944	25523	1	32638
25946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_eD^{*0}n\bar{\Delta}^0D_1'^-)$	25945	25524	1	32639
25947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega K^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\omega K^0n\bar{\Sigma}_c^0)$	25946	25525	1	32640
25948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega\omega D^-D^{*0})$	25947	25526	1	32641
25949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^+K^-D^+D^-D_s^{*+})$	25948	25527	1	32642
25950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\Delta^0\bar{\Xi}_c^0)$	25949	25528	1	32643
25951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^{*0}D_s^-, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to \pi^+\omega K^0K^-D^+D^{*0}D_s^-)$	25950	25529	1	32644
25952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^{*+}\bar{\Delta}^0\Sigma_c^0)$	2576	2570	1	32645
25953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	25952	25531	1	32646
25954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+\Delta^0\bar{\Sigma}_c^{*-})$	25953	25532	1	32647
25955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-}D^{*0})$	25954	25533	1	32648
25956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	25955	25534	1	32649
25957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	25956	25535	1	32650
25958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\eta' D^-D^{*0})$	25957	25536	1	32651
25959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^{*-})$	25958	25537	1	32652

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	25959	25538	1	32653
25961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\omega\omega K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-\omega\omega\omega K^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	25960	25539	1	32654
25962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma\gamma, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D_s^-X_{sd}\gamma\gamma)$	25961	25540	1	32655
25963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-D^-D_1'^+)$	25962	25541	1	32656
25964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^-D_1^+)$	25963	25542	1	32657
25965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to \rho^-\bar{D}^0\bar{n}\bar{\Lambda}\Sigma^0\Sigma_c^{*+})$	25964	25543	1	32658
25966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta D^-D^0D_s^{*-})$	25965	25544	1	32659
25967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0D_s^{*+})$	25966	25545	1	32660
25968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	25967	25546	1	32661
25969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\bar{K}^*D^0\bar{D}^{*0}n\bar{\Sigma}_c^-)$	25968	25547	1	32662
25970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+\gamma, \bar{B}^0 \to K^{*-}\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to K^{*-}D^-\bar{\Sigma}^{*0}\Xi_c^{*+}a_1^+\gamma)$	25969	25548	1	32663
25971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^*\phi D^-, \bar{B}^0 \to \rho^+\omega\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^*\phi D^-\Delta^+\bar{\Delta}^{++})$	25970	25549	1	32664
25972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	25971	25550	1	32665
25973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-$ $(e^+e^- \to \rho^0\rho^+K^0\bar{K}^0K^{*+}D^-D^-D^0)$	25972	25551	1	32666
25974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^-D^{*+})$	25973	25552	1	32667
25975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega D^-D^{*+}\Delta^0\bar{\Delta}^+)$	25974	25553	1	32668
25976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to D^+\Sigma^-\bar{\Lambda}$ $(e^+e^- \to \pi^0D^+n\Sigma^-\bar{\Lambda}\bar{\Sigma}_c^0)$	25975	25554	1	32669

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^0D_s^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^0K^{*-}D^{*+}\bar{D}^0D_s^{*-})$	25976	25555	1	32670
25978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+J/\psi, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^-K^+D^{*+}J/\psi a_1^-)$	25977	25556	1	32671
25979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^*D^-D^{*+}D^0)$	25978	25557	1	32672
25980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\rho^0K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0K^*K^-D^-D^{*+})$	25979	25558	1	32673
25981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^+D^-)$	25980	25559	1	32674
25982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\eta D^-D_s^{*+}\bar{\Delta}^0\Sigma_c^{*0})$	25981	25560	1	32675
25983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\omega D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\omega D^+D^-\bar{D}^{*-})$	25982	25561	1	32676
25984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D^{*+}, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^-D^-D^{*+})$	25983	25562	1	32677
25985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^0)$	25984	25563	1	32678
25986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^-D^{*+})$	25985	25564	1	32679
25987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0K^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0K^0D^+\bar{D}^{*-}\bar{D}^{*-})$	25986	25565	1	32680
25988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\rho^-D^+D^-)$	25987	25566	1	32681
25989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^{*-}D_{s1}'^+)$	25988	25567	1	32682
25990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	25989	25568	1	32683
25991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^-K^+K^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+K^-D^+D^{*+})$	25990	25569	1	32684
25992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_0^{*+}D_1'^-)$	25991	25570	1	32685
25993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	25992	25571	1	32686

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
25994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	25993	14335	1	32687
25995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\pi^0\pi^0\bar{D}^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\bar{D}^{*0}n\bar{n}\Delta^0\bar{\Sigma}_c^{*0})$	25994	25572	1	32688
25996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0D^0$ $(e^+e^- \to \rho^0K^+\bar{D}^{*-}D^0D^{*0})$	25995	25573	1	32689
25997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+D^-\Delta^0\bar{\Delta}^0)$	25996	25574	1	32690
25998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, B^0 \to \pi^0\pi^0\omega\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^*K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	25997	25575	1	32691
25999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-)$	25998	25576	1	32692
26000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^-D^{*+})$	25999	25577	1	32693
26001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \bar{K}^0K^+D^{*0}D_s^{*-}$ $(e^+e^- \to \bar{K}^0K^+K^+D^-D^{*0}D^{*0}D_s^{*-})$	26000	25578	1	32694
26002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^0\bar{D}^0)$	26001	25579	1	32695
26003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega\omega D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+D^-)$	26002	25580	1	32696
26004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^0n\bar{\Delta}^0)$	26003	25581	1	32697
26005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^-D^{*+}D^0)$	26004	25582	1	32698
26006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \bar{K}^0K^*K^-D_s^{*+}\Delta^+\bar{\Sigma}_c^-)$	26005	25583	1	32699
26007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	26006	25584	1	32700
26008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p)$	26007	25585	1	32701
26009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\pi^-\rho^+D^+D_1^-)$	26008	25586	1	32702
26010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^-D^{*+})$	26009	25587	1	32703

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega\bar{D}^{*-}D^0D_s^-)$	26010	25588	1	32704
26012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^0\bar{D}^0D_s^{*-}\bar{n}\Delta^0)$	26011	25589	1	32705
26013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	26012	25590	1	32706
26014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0D^0, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^0D^{*+}D^0)$	26013	25591	1	32707
26015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	26014	25592	1	32708
26016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^+D^{*+}\chi_{c1})$	26015	25593	1	32709
26017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0\bar{D}^{*-}D_s^+D_s^-)$	26016	25594	1	32710
26018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^*D^+D^-\bar{D}^{*-}D_s^{*+})$	26017	25595	1	32711
26019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+D^-\bar{D}^{*-})$	26018	25596	1	32712
26020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\eta\omega D^+D^+)$	26019	25597	1	32713
26021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0f_0(980), \bar{B}^0 \to \rho^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta'D^{*+}f_0(980))$	26020	25598	1	32714
26022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^{*+})$	26021	25599	1	32715
26023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+D^+D^-D_0^{*+})$	26022	25600	1	32716
26024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	26023	8301	1	32717
26025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^+\bar{D}^{*-})$	26024	25601	1	32718
26026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K_2^{*0}D^{*+}J/\psi)$	26025	25602	1	32719
26027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*D^+D^+\bar{D}^{*-})$	26026	25603	1	32720

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* \eta', \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- K^*\eta' D^+)$	26027	25604	1	32721
26029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^- D^- D^{*+} D_s^+)$	26028	25605	1	32722
26030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega D^{*+}\bar{D}^0 D_s^{*+})$	26029	25606	1	32723
26031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0\pi^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^- K^0\bar{K}^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	26030	25607	1	32724
26032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	26031	25608	1	32725
26033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^0 D^+ D^{*+}\bar{D}^{*-})$	26032	25609	1	32726
26034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\eta\bar{K}^0 K^+ p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^-\eta\bar{K}^0 K^+ p\bar{p})$	26033	25610	1	32727
26035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^-\bar{n}\Sigma_c^0)$	26034	25611	1	32728
26036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, B^0 \to \pi^-\eta K^+ D^+ D^-$ $(e^+e^- \to \pi^-\eta K^+ D^+ D^- D^-\bar{\Delta}^0\Delta^+)$	26035	25612	1	32729
26037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^* D^-, \bar{B}^0 \to \rho^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^0\rho^+\rho^+ K^* D^-\bar{p}\Xi_c'^0)$	26036	25613	1	32730
26038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ a_1^- D_1'^+)$	26037	25614	1	32731
26039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^+ D^- D_s^{*+})$	26038	25615	1	32732
26040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D^+\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	26039	25616	1	32733
26041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+ K^0\bar{K}^0 D^- D^{*+})$	26040	25617	1	32734
26042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^0\bar{n}\Delta^0)$	26041	25618	1	32735
26043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^- K^{*+} D^+\bar{D}^{*-} D^{*0})$	26042	25619	1	32736
26044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s1}^+, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to D^- D_2^{*+} D_s^{*-} D_{s1}^+)$	26043	25620	1	32737

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^+K^+K^{*-}D^+D^-\bar{D}^{*-}D^0)$	26044	25621	1	32738
26046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\omega D^-D^{*+})$	26045	25622	1	32739
26047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0K^{*+}D^-D^{*+})$	26046	25623	1	32740
26048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-K^0D^{*+}D_s^-D_s^{*+})$	26047	25624	1	32741
26049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	26048	25625	1	32742
26050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^-D^+\bar{D}^{*0}D_s^+a_1^-)$	26049	25626	1	32743
26051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^0, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \rho^+K^0D^-D^0J/\psi\bar{K}_1^0)$	26050	25627	1	32744
26052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\bar{K}^0D_s^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0\bar{D}^{*-}D_s^+n\bar{p})$	26051	25628	1	32745
26053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^0, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^*K^-D^+\bar{D}^{*-}\bar{D}^0D^{*0})$	26052	25629	1	32746
26054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \eta\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0D^{*0}\bar{D}^{*0}D_0^{*-})$	26053	25630	1	32747
26055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^-D^{*+})$	26054	25631	1	32748
26056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^*\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0)$	26055	25632	1	32749
26057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^+D^-)$	26056	25633	1	32750
26058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \omega D^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^{*+}D_s^{*+}D_s^{*-}D_1^-)$	26057	25634	1	32751
26059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*D^+n\bar{\Xi}_c'^0)$	26058	25635	1	32752
26060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^*D^-D^{*+}D^0)$	26059	25636	1	32753
26061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta'D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\eta'D^-D^{*+})$	26060	25637	1	32754

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* \bar{K}^* D_s^{*+}, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- K^* \bar{K}^* D^{*+} D_s^{*+})$	26061	25638	1	32755
26063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+ D^{*+} D_s^{*-}$ $(e^+e^- \to e^+\nu_e \pi^0\pi^-\rho^+ D^{*+} \bar{D}^{*-} D_s^{*-})$	2577	2571	1	32756
26064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega \bar{K}^0 K^+ D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta\omega\omega \bar{K}^0 K^+ D^+ D^-)$	26063	25640	1	32757
26065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\eta D^- \bar{n}p, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta D^- D^0 D_s^- \bar{n}p)$	26064	25641	1	32758
26066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\eta \bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\omega \bar{D}^{*-} \bar{D}^{*-})$	26065	25642	1	32759
26067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \rho^- K^+ K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^- K^+ K^{*-} D^+ \bar{D}^{*-})$	26066	25643	1	32760
26068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0 K^* \eta_c, B^0 \to \pi^0\pi^0\rho^+\eta K^0 \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta K^0 K^* \bar{D}^{*-} \eta_c)$	2578	2572	1	32761
26069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\rho^+\eta\eta D^- D^{*+})$	26068	25645	1	32762
26070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\omega \bar{K}^0 D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+ \bar{K}^0 K^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega \bar{K}^0 \bar{K}^0 K^+ K^- D^0 D^{*0})$	26069	25646	1	32763
26071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^{*+} D^- D^{*+})$	26070	25647	1	32764
26072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Delta}^- \Delta^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- D^- D^{*+} \bar{\Delta}^- \Delta^0)$	26071	25648	1	32765
26073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^{*+} \bar{D}^{*-})$	26072	25649	1	32766
26074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\omega D^- p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta\omega\omega D^+ D^- p\bar{\Delta}^{++})$	26073	25650	1	32767
26075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0 D^{*+} \bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\eta \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^0 D^{*+} \bar{D}^{*-} \bar{D}^{*-})$	26074	25651	1	32768
26076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^0 D^0$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0\pi^+\pi^-\eta\omega K^0 D^- D^0)$	26075	25652	1	32769
26077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^0 \bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^- K^+ D^{*+} D^0 \bar{D}^0)$	26076	25653	1	32770
26078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^+\pi^-\rho^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+ \bar{D}^{*-} \bar{D}^{*-} D_s^{*+})$	26077	25654	1	32771

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-K^0D^+, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \rho^0\rho^-\rho^-K^0D^+\bar{\Delta}^0\Sigma_c^+)$	2579	2573	1	32772
26080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+K^0K^+D^-\bar{D}^{*-}D^{*0}D^{*0})$	26079	25656	1	32773
26081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\omega K^-D^{*+}D_0^{*-})$	26080	25657	1	32774
26082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+}n\bar{n})$	26081	25658	1	32775
26083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\psi'$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{K}^0D^+\psi')$	26082	25659	1	32776
26084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-K^-D^{*+}D^{*+}\bar{D}^0)$	26083	25660	1	32777
26085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega K^-K^{*+}D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^-K^{*+}D^-D^{*+}D_s^-)$	26084	25661	1	32778
26086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\omega K^{*-}D^+\bar{D}^{*-})$	26085	25662	1	32779
26087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+K^0J/\psi, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0D^{*0}\bar{D}^{*0}J/\psi)$	26086	25663	1	32780
26088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\omega K^0, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Xi_c^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega K^0\bar{\Delta}^0\Xi_c^0)$	26087	25664	1	32781
26089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}n\bar{p})$	26088	25665	1	32782
26090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+\gamma, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^-D^{*+}D_s^+D_s^-\gamma)$	2580	2574	1	32783
26091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^+, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-\bar{D}^{*0}D_s^+)$	26090	25667	1	32784
26092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \omega\bar{D}^0D^{*0}$ $(e^+e^- \to \omega\bar{D}^0D^{*0}\bar{D}^{*0}n\bar{n})$	26091	25668	1	32785
26093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \rho^0\pi^+\rho^+K^{*-}\bar{D}^{*-}\eta_c)$	2581	2575	1	32786
26094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-K^0\bar{K}^*K^{*+}D^{*+}D^0\bar{D}^{*0})$	26093	25669	1	32787
26095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^-D^{*+})$	26094	25670	1	32788

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}D^0)$	26095	25671	1	32789
26097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	26096	25672	1	32790
26098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^-\rho^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^-\rho^+D^{*+})$	26097	25673	1	32791
26099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D^0\bar{n}p)$	26098	25674	1	32792
26100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta K^-D^0$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0K^-D^{*+}\bar{D}^{*-}D^0)$	26099	25675	1	32793
26101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \pi^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K_SD^{*0}\bar{D}^{*0}\eta_c)$	26100	25676	1	32794
26102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	26101	25677	1	32795
26103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	26102	25678	1	32796
26104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-\rho^+\omega\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega\bar{D}^{*-}\eta_c)$	26103	25679	1	32797
26105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+D^-, \bar{B}^0 \to K^+\bar{p}\Omega_c^0$ $(e^+e^- \to \bar{K}^*K^+D^+D^-\bar{p}\Omega_c^0)$	26104	25680	1	32798
26106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^-\eta\eta D^{*+}\bar{D}^{*-}D_s^{*+})$	26105	25681	1	32799
26107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega\omega D^-D^{*+})$	26106	25682	1	32800
26108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0K^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^0K^0D^-D_s^+\Lambda_c^+\bar{\Lambda}_c^-)$	26107	25683	1	32801
26109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\eta K^*K^-D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-\eta K^*K^-D^+D^-)$	26108	25684	1	32802
26110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*-})$	26109	25685	1	32803
26111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0K^*K^{*-}D^-D^{*+}D_s^{*+})$	26110	25686	1	32804
26112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\eta\eta'D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\eta\eta'D^+D^-)$	26111	25687	1	32805

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\omega D^+D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	26112	25688	1	32806
26114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+K^0K^-D^{*+}D_1^-)$	2582	2576	1	32807
26115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi(3770), \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to D^+\Delta^0\bar{\Delta}^+K_1^0\psi(3770))$	26114	25690	1	32808
26116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-D^+\bar{D}^0)$	26115	25691	1	32809
26117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^*K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+K^*K^{*-}D^+\bar{D}^{*-})$	26116	25692	1	32810
26118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c0}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^+D^+\chi_{c0})$	26117	25693	1	32811
26119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \eta\omega\bar{K}^*\eta_c$ $(e^+e^- \to e^+\nu_e\eta\omega\bar{K}^*\eta_c D_1'^-)$	26118	25694	1	32812
26120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+D^-D^0, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \rho^0\rho^+K^+D^-D^0D^0D_s^{*-})$	26119	25695	1	32813
26121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^*D^-D^{*+}D^{*0})$	26120	25696	1	32814
26122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\eta D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^-D^-D^{*+})$	26121	25697	1	32815
26123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega D^-D^-D_s^{*+})$	26122	25698	1	32816
26124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\omega D^+D^{*+})$	26123	2697	1	32817
26125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*0}\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^-D^{*0}\Lambda\bar{\Sigma}^{*0})$	26124	25699	1	32818
26126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+)$	26125	25700	1	32819
26127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	26126	25701	1	32820
26128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0D^{*+}J/\psi)$	26127	25702	1	32821
26129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\chi_{c1}, B^0 \to \pi^+\eta' D^-p\bar{p}$ $(e^+e^- \to \pi^+K^*\eta' D^-p\bar{p}\chi_{c1})$	26128	25703	1	32822

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\omega\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\phi D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+\phi D^+D^-\bar{D}^{*0})$	26129	25704	1	32823
26131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\omega\bar{K}^*\eta'D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26130	25705	1	32824
26132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*K^-D^+D^{*+})$	26131	25706	1	32825
26133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \eta\bar{K}^*K^+K^-$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*K^+K^-D_1^-)$	26132	25707	1	32826
26134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\eta K^0K^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta K^0K^-\eta'D^+\bar{D}^0)$	26133	25708	1	32827
26135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	26134	25709	1	32828
26136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to D^-\bar{\Delta}^-n\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^-D^-\bar{\Delta}^-n\gamma)$	26135	25710	1	32829
26137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^0D^-\bar{\Delta}^0\Sigma_c^{*0})$	26136	25711	1	32830
26138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-K^*K^-D^{*+}\bar{D}^{*-})$	26137	25712	1	32831
26139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^{*+}D^-, B^0 \to \pi^+\rho^+\rho^-\eta\omega D^-$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^-D^-)$	26138	25713	1	32832
26140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^+\rho^+\rho^-D^-D_1^+)$	26139	25714	1	32833
26141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\pi^-\rho^+D^{*+}D^{*+})$	26140	25715	1	32834
26142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-D_s^+D_s^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^+D_s^+D_s^-)$	26141	25716	1	32835
26143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^*D_2^{*+}\eta_c)$	26142	25717	1	32836
26144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^{*+}D_{s1}'^-)$	26143	25718	1	32837
26145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}D_{s0}^{*-})$	26144	25719	1	32838
26146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^-\eta D^{*+}D_s^+D_{s1}'^-)$	26145	25720	1	32839

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{n}\Sigma_c^{*+})$	26146	25721	1	32840
26148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^-K^0D^+D^+D_s^-)$	26147	25722	1	32841
26149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0)$	26148	25723	1	32842
26150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^0\bar{\Xi}_c^{\prime 0})$	26149	25724	1	32843
26151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	26150	25725	1	32844
26152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	26151	25726	1	32845
26153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^+D^-)$	26152	25727	1	32846
26154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta K^0K^{*-}D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\eta K^0K^{*-}D^+\bar{D}^{*-})$	26153	25728	1	32847
26155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^0D^{*+}D^{*+}\bar{D}^0)$	26154	25729	1	32848
26156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta' D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta' D^+D^-)$	26155	25730	1	32849
26157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-K^+K^{*-}D^{*+}\bar{D}^0\chi_{c1})$	26156	25731	1	32850
26158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D_s^+D_s^-$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D_s^+D_s^-)$	26157	25732	1	32851
26159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta K^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\eta K^0D^+\bar{D}^{*0})$	26158	25733	1	32852
26160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^{*+}J/\psi)$	26159	25734	1	32853
26161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\rho^-\bar{K}^0D^+D^-)$	26160	25735	1	32854
26162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to D^+\bar{n}\Sigma^-$ $(e^+e^- \to K^-D^+D^{*+}\bar{D}^0\bar{n}\Sigma^-)$	26161	25736	1	32855
26163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	26162	25737	1	32856

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	26163	25738	1	32857
26165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*0})$	26164	25739	1	32858
26166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+K^*D^+D^-D^{*0}D_s^{*-})$	26165	25740	1	32859
26167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}n\bar{\Xi}_c^{\prime 0})$	26166	25741	1	32860
26168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c1}, \bar{B}^0 \to \pi^0\rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\rho^-K^*D^{*+}n\bar{n}\chi_{c1})$	26167	25742	1	32861
26169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}\bar{\Delta}^+\Xi_c^{*+})$	26168	25743	1	32862
26170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*K^+K^-D^-D^{*+})$	26169	25744	1	32863
26171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^0K^-D^+\bar{D}^0D_s^+)$	26170	25745	1	32864
26172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^{*+}\bar{D}^{*-})$	26171	25746	1	32865
26173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Xi}_c^-, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\omega\Delta^0\bar{\Delta}^0\Sigma_c^{*0}\bar{\Xi}_c^-)$	26172	25747	1	32866
26174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\eta K^+\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^+\eta'D^+\bar{D}^{*0})$	26173	25748	1	32867
26175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+D^{*+}D_{s1}^-)$	26174	25749	1	32868
26176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+)$	26175	25750	1	32869
26177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^-\omega\omega K^+D^+\Lambda\bar{\Sigma}_c^-)$	26176	25751	1	32870
26178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}D_s^-)$	26177	25752	1	32871
26179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-D^+\bar{\Sigma}^+\Lambda$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\bar{K}^0K^+D^+\bar{D}^{*-}\bar{\Sigma}^+\Lambda)$	2583	2577	1	32872
26180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0K^*\bar{K}^*D^-D^{*+}D^{*+}\bar{D}^{*-})$	26179	25754	1	32873

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega D^- D^{*+}a_1^-)$	26180	25755	1	32874
26182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta\omega\eta' D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta\omega\eta' D^+\bar{D}^{*0})$	26181	25756	1	32875
26183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+D^-D^{*+})$	26182	25757	1	32876
26184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \omega D^{*+}D_s^{*-}\bar{n}\Sigma_c^0)$	26183	25758	1	32877
26185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0)$	26184	25759	1	32878
26186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^+D^{*0}p\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{--})$	26185	25760	1	32879
26187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	26186	25761	1	32880
26188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^0\eta_c, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\rho^-K^0D^+\eta_c\Delta^-\bar{\Delta}^0)$	2584	2578	1	32881
26189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\psi(3770), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^+\psi(3770))$	26188	25763	1	32882
26190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\eta'\bar{D}^{*-}D_2^{*+}D_s^-)$	26189	25764	1	32883
26191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0D_s^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0\bar{D}^{*-}D_s^+)$	26190	25765	1	32884
26192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^0D^{*+}D^0\bar{D}^0D_s^{*-})$	26191	25766	1	32885
26193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	26192	25767	1	32886
26194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-K^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-K^0D^-D^{*+}\bar{D}^{*-})$	26193	25768	1	32887
26195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^+D^-D^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^+D^+D^-D^0)$	26194	25769	1	32888
26196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^{*0}n\bar{\Delta}^0)$	26195	25770	1	32889
26197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+D^-D_s^{*+})$	26196	25771	1	32890

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta' D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0\eta' D^{*+} D^0)$	26197	25772	1	32891
26199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-})$	26198	25773	1	32892
26200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega\bar{K}^0K^+D^+D^-)$	26199	25774	1	32893
26201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^{*+}D^{*+}\bar{D}^{*0}D_{s1}'^-)$	26200	25775	1	32894
26202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\chi_{c1}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e K_L\bar{D}^{*-}\chi_{c1})$	26201	25776	1	32895
26203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-K^0K^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-\eta K^0K^-D^-D^0)$	26202	25777	1	32896
26204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*D^+D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \pi^0\rho^-\eta K^*D^+D^-D^{*+}\bar{\Lambda}\Sigma^0)$	26203	25778	1	32897
26205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+K^+K^{*-}D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^+K^+K^{*-}D^+D_s^-)$	26204	25779	1	32898
26206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^-K^0\bar{K}^0D^+D^+\bar{D}^{*-}\bar{D}^{*0})$	26205	25780	1	32899
26207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \phi D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\phi D^+D^-D_s^+D_s^{*-})$	26206	25781	1	32900
26208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+\gamma, \bar{B}^0 \to \rho^0\rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_{s1}^+\gamma)$	26207	25782	1	32901
26209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to K^+\bar{D}^{*-}D_2^{*+}D^{*0}D_s^-)$	26208	25783	1	32902
26210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-})$	26209	25784	1	32903
26211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to K^0\Lambda\bar{\Sigma}_c^0$ $(e^+e^- \to \pi^0\pi^+K^0\bar{D}^{*-}\Lambda\bar{\Sigma}_c^0)$	26210	25785	1	32904
26212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \rho^+K^0\bar{K}^0D^+\bar{D}^{*-}D_{s1}'^-)$	26211	25786	1	32905
26213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_0^{*+})$	26212	25787	1	32906
26214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^0\bar{D}^{*0})$	26213	25788	1	32907

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^+ D^{*0})$	26214	25789	1	32908
26216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^0 \bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{K}^0 \bar{D}^{*-} D^0 \bar{D}^0)$	26215	25790	1	32909
26217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^- K^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- \bar{K}^* J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega \bar{K}^* K^- K^{*+} \bar{D}^{*-} J/\psi)$	26216	25791	1	32910
26218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta K^+ K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta\eta K^+ K^- D^{*+} \bar{D}^{*-})$	26217	25792	1	32911
26219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+ \bar{K}^* D^+ D^- D^-)$	26218	25793	1	32912
26220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* K^- D^+$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^* K^- D^+ \bar{D}^{*-})$	26219	25794	1	32913
26221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta \bar{D}^0 D_s^+, \bar{B}^0 \to \bar{K}^0 \bar{\Delta}^0 \Sigma_c^0$ $(e^+e^- \to \rho^-\eta \bar{K}^0 \bar{D}^0 D_s^+ \bar{\Delta}^0 \Sigma_c^0)$	26220	25795	1	32914
26222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} \bar{\Delta}^0 \Delta^+, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega D^+ \bar{D}^{*-} \bar{\Delta}^0 \Delta^+)$	26221	25796	1	32915
26223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\psi', \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to K_L \bar{K}^* D^+ D^- \psi')$	26222	25797	1	32916
26224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\eta K^+ \bar{D}^{*-} D^0, B^0 \to \pi^+\pi^- \bar{D}^{*-} \bar{\Delta}^+ \Delta^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^+ \bar{D}^{*-} \bar{D}^{*-} D^0 \bar{\Delta}^+ \Delta^{++})$	26223	25798	1	32917
26225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Sigma^{*0} \bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\rho^+ K^{*-} D^{*0}$ $(e^+e^- \to \rho^0\rho^+ K^* K^{*-} D^{*0} \Sigma^{*0} \bar{\Sigma}_c^{*0})$	26224	25799	1	32918
26226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^- K^0 K^- D^+ D^{*+})$	26225	25800	1	32919
26227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- \bar{D}^0 D_s^+, \bar{B}^0 \to \eta K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta K^* K^{*-} D^{*+} \bar{D}^0 D_s^+)$	26226	25801	1	32920
26228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^0\rho^- D^{*+}, \bar{B}^0 \to \pi^0\pi^- D^+ \Delta^+ \bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^- D^+ D^{*+} \Delta^+ \bar{\Delta}^+)$	26227	25802	1	32921
26229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \bar{K}^0 D^+ D^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{K}^0 D^+ D^- D_2^{*+})$	26228	25803	1	32922
26230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^- D^-, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^- D^- D^{*+} a_1^-)$	26229	25804	1	32923
26231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\eta \bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta \bar{D}^{*-} \bar{D}^{*-})$	26230	25805	1	32924

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^* D^0 \bar{D}^0, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0 K^* D^0 \bar{D}^0 \psi')$	26231	25806	1	32925
26233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^{*+} D^{*+}\bar{D}^{*-})$	2585	2579	1	32926
26234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+\bar{n}\Delta^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^+ D^-\bar{n}\Delta^0)$	26233	25808	1	32927
26235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	26234	25809	1	32928
26236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-})$	26235	25810	1	32929
26237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- K^+ D^+\bar{\Delta}^+\Lambda$ $(e^+e^- \to e^+\nu_e\pi^0\pi^- K^+ D^+\bar{D}^{*-}\bar{\Delta}^+\Lambda)$	26236	25811	1	32930
26238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\eta\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	26237	25812	1	32931
26239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	26238	25813	1	32932
26240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^{*-} D^+\Delta^+\bar{\Xi}_c^{*0})$	26239	25814	1	32933
26241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta K^+ D^- D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\eta K^+ D^- D^{*+} D^0)$	26240	25815	1	32934
26242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \pi^+ D^{*+}\bar{\Delta}^+\Xi_c^{*0} D_{s0}^{*-})$	26241	25816	1	32935
26243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^- D^+ D^{*+})$	26242	25817	1	32936
26244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- K^{*-} D^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+ K^{*-} D^+ D^{*+})$	26243	25818	1	32937
26245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\bar{\Sigma}^{*0}\Xi_c^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 D^+\bar{\Sigma}^{*0}\Xi_c^0)$	26244	25819	1	32938
26246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^-\omega\bar{K}^0 K^+ D^+ D^{*+})$	26245	25820	1	32939
26247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0\eta' D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta K^0\bar{K}^0\eta' D^+ D^-)$	26246	25821	1	32940
26248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+} D^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^* K^{*+} D^- D^{*+})$	26247	25822	1	32941

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-})$	26248	25823	1	32942
26250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L J/\psi, \bar{B}^0 \to \bar{K}^0\phi\eta_c$ $(e^+e^- \to K_L\bar{K}^0\phi\eta_c J/\psi)$	26249	25824	1	32943
26251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^0K^-D^+\bar{D}^0D_s^+)$	26250	25825	1	32944
26252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\eta D^+D^{*+})$	26251	25826	1	32945
26253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	26252	25827	1	32946
26254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+\eta_c)$	26253	25828	1	32947
26255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^{*+})$	26254	25829	1	32948
26256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to K^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \tau^+\nu_\tau K^+D_2^{*-}\bar{p}\Xi_c'^0)$	2586	2580	1	32949
26257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	26256	25831	1	32950
26258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \phi\bar{\Lambda}\Xi_c^0$ $(e^+e^- \to \phi D^-D_s^+\bar{\Lambda}\Xi_c^0)$	26257	25832	1	32951
26259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	26258	12086	1	32952
26260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Xi_c'^0$ $(e^+e^- \to \pi^0K^*D_s^+D_s^-\bar{\Delta}^0\Xi_c'^0)$	26259	25833	1	32953
26261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^{*+}D^{*+})$	26260	25834	1	32954
26262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}n\bar{\Sigma}_c^{*0})$	26261	25835	1	32955
26263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, B^0 \to K^+D^-\bar{\Delta}^-\Sigma^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0K^+K^{*+}D^-\bar{D}^{*-}\bar{\Delta}^-\Sigma^{*-})$	2587	2581	1	32956
26264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\eta_c, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^*D^{*+}\eta_c)$	26263	25836	1	32957
26265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^{*+}D_s^{*-})$	2588	2582	1	32958

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^- D^{*+}\bar{D}^0 D_s^+)$	26265	25838	1	32959
26267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ \bar{D}^{*-}, \bar{B}^0 \to \omega D^{*+} p\bar{\Delta}^{++}$ $(e^+e^- \to \omega\bar{K}^0 K^+ D^{*+}\bar{D}^{*-} p\bar{\Delta}^{++})$	26266	25839	1	32960
26268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 n\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \bar{K}^0 K^- n\bar{\Delta}^+\Sigma_c^{++}\bar{\Xi}_c^{\prime 0})$	26267	25840	1	32961
26269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+ D^0 p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+ K^{*+}\bar{D}^{*-} D^0 D^{*0} p\bar{p})$	26268	25841	1	32962
26270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\eta_c, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\eta_c)$	510	510	1	32963
26271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^- K^{*-} D^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^{*-} D^+ D^{*+} n\bar{n})$	26270	25843	1	32964
26272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0 D^{*+}\bar{D}^{*-}\bar{n}p)$	26271	25844	1	32965
26273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^*\bar{D}^0 D^{*0}, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0 K^{*+} D^-$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0 K^* K^{*+} D^-\bar{D}^0 D^{*0})$	26272	25845	1	32966
26274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\eta D^+ D^-)$	26273	25846	1	32967
26275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^- K^+ K^{*-} D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^- K^+ K^{*-} D^+\bar{D}^{*-})$	26274	25847	1	32968
26276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^- D^{*+})$	26275	25848	1	32969
26277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega D^- D^{*+})$	2590	2584	1	32970
26278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^* K^+ D^- D^{*+}\bar{D}^{*-})$	26277	25850	1	32971
26279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^- D^{*+})$	26278	5369	1	32972
26280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+})$	26279	25851	1	32973
26281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+ D^- D_2^{*+})$	26280	25852	1	32974
26282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^- D^{*+} D_s^{*+})$	26281	25853	1	32975

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^{*-}D^+D^-)$	26282	25854	1	32976
26284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0K^{*-}D^-D^{*+}\gamma)$	26283	25855	1	32977
26285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D_s^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D_s^+D_s^-)$	26284	25856	1	32978
26286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \bar{K}^0D^-D_s^+D_s^-\bar{\Delta}^0\Delta^+)$	26285	25857	1	32979
26287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^-\omega K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^-\rho^+\omega\omega K^-K^{*+}D^-D^{*+})$	26286	9038	1	32980
26288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to e^+\nu_e D^+D^-\bar{\Delta}^0\Sigma^-)$	26287	25858	1	32981
26289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{p}\Sigma_c^+)$	26288	25859	1	32982
26290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^0\rho^+D^+\bar{D}^{*-}a_1^-)$	26289	25860	1	32983
26291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to K^*K^-D^{*+}\bar{D}^{*-}D_s^+)$	26290	25861	1	32984
26292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^0\bar{D}^0D_s^{*+}D_s^{*-})$	26291	25862	1	32985
26293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D_2^{*+}D_s^+D_1^-)$	26292	25863	1	32986
26294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	26293	25864	1	32987
26295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}D^{*+})$	26294	25865	1	32988
26296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \eta'D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta'D^{*+}\bar{D}^{*-}D_s^{*-})$	26295	25866	1	32989
26297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi', \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+K^0D^0D_s^-\psi')$	26296	25867	1	32990
26298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*D^{*+}\bar{D}^{*-})$	26297	25868	1	32991
26299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to K^+\bar{\Delta}^+\Omega_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^+D^-\bar{\Delta}^+\Omega_c^{*0})$	26298	25869	1	32992

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{K}^0 D^{*+} D^{*0}\bar{D}^{*0})$	26299	25870	1	32993
26301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^- K^{*+}\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+ K^{*+}\bar{D}^{*-}\bar{D}^0 D^{*0})$	26300	25871	1	32994
26302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+K^+D^{*+}\bar{D}^{*0})$	26301	25872	1	32995
26303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^+\Lambda\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^+D^-\Lambda\bar{\Lambda}_c^-)$	26302	25873	1	32996
26304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	26303	25874	1	32997
26305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi(3770), \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^+\psi(3770))$	26304	25875	1	32998
26306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+D^-D_s^-)$	26305	8572	1	32999
26307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+D^-D^0D_s^{*-})$	2591	2585	1	33000
26308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0})$	26307	25876	1	33001
26309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26308	25877	1	33002
26310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \rho^-D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0}D_1^+)$	26309	25878	1	33003
26311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-n\bar{n}, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^0K^-D^+D^-n\bar{n})$	26310	25879	1	33004
26312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-K^*D^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+})$	26311	25880	1	33005
26313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+K_S\bar{D}^{*-}\eta_c)$	26312	25881	1	33006
26314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^*K^+K^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\bar{K}^*K^+K^-\bar{D}^{*-}D^{*0})$	26313	25882	1	33007
26315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	26314	25883	1	33008
26316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \eta\omega K^-D_s^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\omega\bar{K}^0K^+K^-\bar{D}^{*-}D_s^+)$	26315	25884	1	33009

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\eta D^{*+}\bar{D}^{*-})$	26316	25885	1	33010
26318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*0})$	26317	25886	1	33011
26319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-)$	26318	25887	1	33012
26320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*D^-p\bar{\Lambda}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \bar{K}^*D^+D^-\Delta^-\bar{\Delta}^0p\bar{\Lambda})$	26319	25888	1	33013
26321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^-K^-D^+\bar{n}p$ $(e^+e^- \to e^+\nu_e\rho^-K^-D^+\bar{n}pD_1^-)$	26320	25889	1	33014
26322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^{*+}D_0^{*-})$	26321	25890	1	33015
26323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega\omega D^{*+}\bar{D}^{*-}D_s^-)$	26322	25891	1	33016
26324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\phi D^{*0}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\phi D^-D^{*0}D_s^{*-})$	26323	25892	1	33017
26325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^+D_2^{*-}\Delta^0\bar{\Delta}^0)$	26324	25893	1	33018
26326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\eta\eta' D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta\eta\eta'\bar{D}^{*-}D^0)$	26325	25894	1	33019
26327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\omega D^+\Delta^+\bar{\Xi}_c^{*0})$	26326	25895	1	33020
26328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1'^+, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^+K^-D^0\bar{D}^0D_s^-D_1'^+)$	26327	25896	1	33021
26329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^{*-}a_1^+)$	26328	25897	1	33022
26330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^{*+}\bar{D}^{*-}\gamma)$	26329	25898	1	33023
26331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+D^-\bar{\Delta}^+\Sigma_c^0)$	26330	25899	1	33024
26332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+K^{*-}D^-\eta_c)$	26331	25900	1	33025
26333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\bar{K}^*K^{*+}D^-\bar{D}^{*-}D^0D^0)$	26332	25901	1	33026

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^0)$	26333	25902	1	33027
26335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*K^-\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^*K^-K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	26334	25903	1	33028
26336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to D^{*+}D_2^{*+}D_s^-D_s^{*-})$	26335	25904	1	33029
26337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega K^-D^-D^0\bar{D}^0)$	26336	25905	1	33030
26338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta K^+K^{*-}D^-D^{*+})$	26337	23465	1	33031
26339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	26338	25906	1	33032
26340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta K^*\bar{K}^*D^+D^-)$	26339	25907	1	33033
26341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}a_1^+)$	26340	25908	1	33034
26342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{K}^0K^*D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0K^*D^-D^{*+}D_s^{*-})$	116	116	1	33035
26343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \rho^+\rho^-D^{*+}D^0\bar{D}^0D_s^{*-})$	26342	25910	1	33036
26344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}\gamma$ $(e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}\gamma)$	26343	25911	1	33037
26345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega D^+\Delta^+\bar{\Sigma}_c^{--})$	26344	25912	1	33038
26346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-})$	26345	25913	1	33039
26347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0K^*D^+\bar{D}^{*-}D_s^{*+})$	26346	25914	1	33040
26348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+K^{*-}D^-D^0)$	26347	25915	1	33041
26349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^+D_s^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-K^0D^+D_s^+D_s^-)$	26348	25916	1	33042
26350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^+\eta'D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\bar{K}^0K^+\eta'D^{*+}D_1'^+)$	26349	25917	1	33043

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}a_1^+)$	26350	25918	1	33044
26352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^+\pi^-K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0\bar{K}^0\bar{K}^*D^+)$	26351	25919	1	33045
26353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+K^+K^-\bar{D}^{*-})$	26352	25920	1	33046
26354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*n\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}n\bar{\Sigma}_c^0)$	26353	25921	1	33047
26355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0)$	26354	25922	1	33048
26356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^-D^{*+}\bar{D}^{*0})$	26355	25923	1	33049
26357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+D^+D^-n\bar{p})$	26356	25924	1	33050
26358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+D^-a_1^-)$	26357	25925	1	33051
26359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^-D^+D_1^-)$	26358	25926	1	33052
26360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\omega D^0, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\eta'D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta\omega\omega\eta'D^+D^0)$	26359	25927	1	33053
26361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^-D^{*+})$	26360	25928	1	33054
26362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^-K^0K^+D^+D^-D^{*0})$	26361	25929	1	33055
26363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to e^+\nu_eD_2^{*-}$ $(e^+e^- \to e^+\nu_eD_2^{*-}D_2^{*-}D_s^{*+})$	26362	25930	1	33056
26364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^*K^-D^+D^+\bar{D}^{*-})$	26363	25931	1	33057
26365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+D^{*+}D^{*0}\bar{D}^{*0})$	26364	25932	1	33058
26366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+}D_s^{*-})$	26365	25933	1	33059
26367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	26366	25934	1	33060

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-\eta' D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^+K^-\eta' D^+D^-)$	26367	25935	1	33061
26369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0 D^0\Delta^+\bar{\Delta}^+\gamma$ $(e^+e^- \to \pi^0\rho^0\bar{D}^{*-}D^0D_s^{*+}\Delta^+\bar{\Delta}^+\gamma)$	26368	25936	1	33062
26370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^0\phi\bar{D}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0\phi D^-\bar{D}^0)$	26369	25937	1	33063
26371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^0D^+D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^+D^+D^-D_{s1}'^-)$	26370	25938	1	33064
26372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\omega\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^0D_s^-)$	26371	25939	1	33065
26373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta K^0K^-D^-D^{*+}\bar{n}p)$	26372	25940	1	33066
26374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^0\bar{p}\Delta^+)$	26373	25941	1	33067
26375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\eta D^-D^{*+}\gamma)$	26374	25942	1	33068
26376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^0\bar{D}^0)$	26375	25943	1	33069
26377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^*D^+D^+\bar{D}^{*-})$	26376	25944	1	33070
26378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{K}^0J/\psi, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^0\bar{K}^0\bar{K}^*D^{*+}J/\psi)$	26377	25945	1	33071
26379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\phi D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\phi D^{*0}D_1'^-)$	26378	25946	1	33072
26380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^{*+}D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}D^+D^-\bar{D}^{*0})$	26379	25947	1	33073
26381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_2^{*-}, B^0 \to \eta\bar{D}^{*-}\bar{p}\Delta^{++}$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D_2^{*-}\bar{p}\Delta^{++})$	26380	25948	1	33074
26382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0D^+\bar{D}^{*-})$	26381	25949	1	33075
26383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-})$	26382	25950	1	33076
26384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-K^-D^{*+}\bar{D}^0\bar{D}^0D_s^{*+})$	26383	25951	1	33077

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, B^0 \to \pi^0K^*D^-D^{*+}$ $(e^+e^- \to \pi^0K^0K^*D^-D^{*+}D^{*0}\bar{D}^{*0})$	26384	25952	1	33078
26386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^+D^-\bar{n}p)$	2593	2587	1	33079
26387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Xi}_c^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^-D^+D_s^{*-}\Delta^+\bar{\Xi}_c^0)$	26386	25954	1	33080
26388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\omega K^+\eta_c, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^-\rho^-\omega\omega\omega K^+D^+\eta_c)$	26387	25955	1	33081
26389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+K^{*-}D^+\bar{D}^{*-})$	26388	25956	1	33082
26390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}\bar{\Delta}^0\Xi_c'^+)$	26389	25957	1	33083
26391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \bar{D}^{*-}D_s^+$ $(e^+e^- \to D^-\bar{D}^{*-}D_s^+a_1^+)$	26390	25958	1	33084
26392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta K^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^0D^-\bar{D}^{*0})$	26391	25959	1	33085
26393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to K^+\bar{p}\Omega_c^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^+D^-\bar{p}\Omega_c^0)$	26392	25960	1	33086
26394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-D^-, B^0 \to \pi^0\rho^0\eta\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0K^+D^-D^-)$	26393	25961	1	33087
26395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^{*+}D^-D^{*+}D_s^{*-})$	26394	25962	1	33088
26396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+)$	26395	25963	1	33089
26397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^+K^-K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-K^-D^+\bar{D}^{*0})$	26396	25964	1	33090
26398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^0D^{*+}\bar{D}^0D^{*0})$	26397	25965	1	33091
26399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	26398	25966	1	33092
26400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-}D^0D_{s1}'^+)$	26399	25967	1	33093
26401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to \rho^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-K^*D^+D^-D^0)$	26400	25968	1	33094

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^{*+} D^{*+} J/\psi)$	26401	25969	1	33095
26403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+ K^- D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta\omega K^- D^- D^- D^{*+})$	26402	25970	1	33096
26404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^- D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^- K^- D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26403	25971	1	33097
26405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta D^+\bar{D}^{*-})$	26404	25972	1	33098
26406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0 D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*0})$	26405	25973	1	33099
26407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+ D^-)$	26406	25974	1	33100
26408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\pi^- K^+ K^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^+ K^- D^+ n\bar{\Sigma}_c^{*0})$	26407	25975	1	33101
26409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^- K^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\rho^- K^0 D^{*+})$	26408	25976	1	33102
26410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+} p\bar{\Lambda}_c^-)$	26409	25977	1	33103
26411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to K^- D^+$ $(e^+e^- \to \rho^0\pi^+\eta K^- D^+ D^-)$	26410	25978	1	33104
26412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-} n\bar{p})$	26411	25979	1	33105
26413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_2^{*0} J/\psi, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^- K_2^{*0} D^{*+} J/\psi)$	26412	25980	1	33106
26414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+} D^-, \bar{B}^0 \to \rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\bar{K}^* K^{*+} D^- D^{*+})$	26413	25981	1	33107
26415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{X}_{sd}\gamma$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{X}_{sd}\gamma)$	26414	25982	1	33108
26416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^- D^{*+})$	2594	2588	1	33109
26417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+ D^-, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0 K^+ K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0\bar{K}^0 K^+ K^- D^+ D^- D^{*+})$	26416	25984	1	33110
26418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^-\rho^+\rho^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-} D_s^-)$	26417	25985	1	33111

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta' D^+\Delta^0\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta' D^+\bar{D}^{*-}\Delta^0\bar{p})$	26418	25986	1	33112
26420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Lambda, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Lambda)$	26419	25987	1	33113
26421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-})$	26420	24313	1	33114
26422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+)$	26421	25988	1	33115
26423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^-\rho^+\eta\bar{K}^0\phi D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\eta\bar{K}^0\phi D^+D^{*0})$	26422	25989	1	33116
26424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^0 D^+ n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^*K^{*+}D^+D^- n\bar{p})$	26423	25990	1	33117
26425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- D^{*0}\Delta^0\bar{\Sigma}^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^+D^{*0}\Delta^0\bar{\Sigma}^0)$	26424	25991	1	33118
26426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, B^0 \to \rho^- K^0 D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^- K^0 D^{*+}\bar{D}^{*-}\bar{D}^0)$	26425	25992	1	33119
26427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \bar{K}^*\phi J/\psi$ $(e^+e^- \to \pi^+\rho^- K^0\bar{K}^*\phi\bar{D}^0 D^{*0} J/\psi)$	26426	25993	1	33120
26428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^- K^- K^{*+}D^+$ $(e^+e^- \to \rho^0\pi^- K^- K^{*+}D^+\bar{D}^{*-}D_s^{*+})$	26427	25994	1	33121
26429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta D^+\bar{D}^{*0})$	26428	25995	1	33122
26430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+ D^{*0}D_s^-$ $(e^+e^- \to \pi^0\pi^+ D^{*0}D_s^-\Delta^0\bar{\Sigma}_c^{*0})$	26429	25996	1	33123
26431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{K}^0 K^* K^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\bar{K}^0 K^* K^{*+}D^+)$	26430	25997	1	33124
26432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\eta' D^{*+}\bar{D}^{*-})$	26431	25998	1	33125
26433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0 K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0 K^*\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-})$	26432	25999	1	33126
26434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+\bar{D}^0\bar{p}\Delta^+)$	26433	26000	1	33127
26435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^0$ $(e^+e^- \to \rho^0\rho^0\bar{K}^0 K^+\bar{D}^{*-}D^0)$	26434	26001	1	33128

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-D^-\bar{p}\Sigma_c^{*0})$	26435	26002	1	33129
26437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*0})$	26436	26003	1	33130
26438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \rho^0K^+n\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+\eta K^+D^-n\bar{\Delta}^+)$	26437	26004	1	33131
26439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	26438	26005	1	33132
26440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^0)$	26439	26006	1	33133
26441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-p\bar{p}, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^-D^+D^-\bar{D}^0p\bar{p})$	26440	26007	1	33134
26442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^+D^+\bar{D}^{*-})$	26441	26008	1	33135
26443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^*D^+D^-\bar{D}^{*-})$	26442	26009	1	33136
26444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^+D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^-\omega\bar{K}^*K^+D^+D_s^{*+})$	512	512	1	33137
26445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^-D^{*+}D^{*+})$	26444	26011	1	33138
26446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^-)$	26445	26012	1	33139
26447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-D^{*0})$	26446	26013	1	33140
26448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega\omega D^+\bar{D}^{*-})$	26447	26014	1	33141
26449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-K^+\bar{D}^{*0}, \bar{B}^0 \to K^{*-}\bar{\Sigma}^{*0}\Xi_c'^+$ $(e^+e^- \to \rho^0\rho^-K^+K^{*-}\bar{D}^{*0}\bar{\Sigma}^{*0}\Xi_c'^+)$	26448	26015	1	33142
26450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \rho^-\omega\bar{D}^{*0}D_s^+\bar{\Delta}^0\Sigma_c^{*0})$	26449	26016	1	33143
26451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^0D^-D^0)$	26450	26017	1	33144
26452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\eta'D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\eta'D^-D^{*+})$	26451	26018	1	33145

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^0\pi^+\pi^- K^{*+}\bar{D}^{*-}D^0 J/\psi\bar{K}_1^0)$	26452	26019	1	33146
26454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^{*+}D^-D^{*+})$	26453	26020	1	33147
26455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_2^{*-}D_1^+)$	26454	26021	1	33148
26456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to K^+\bar{D}^{*-}D^{*0}D_s^{*+}\bar{\Delta}^0\Sigma^-)$	26455	26022	1	33149
26457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+}\bar{D}^{*-})$	26456	7433	1	33150
26458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\Sigma^0\bar{\Xi}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0D^{*+}\Sigma^0\bar{\Xi}_c^-)$	26457	26023	1	33151
26459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\omega\bar{D}^{*-}D_2^{*+}\bar{n}\Delta^+)$	26458	26024	1	33152
26460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}D^{*0}\bar{D}^{*0})$	26459	26025	1	33153
26461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D^{*0})$	26460	26026	1	33154
26462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\omega D_s^{*+}\bar{p}\Lambda$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}D_s^{*+}\bar{p}\Lambda)$	26461	26027	1	33155
26463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+})$	26462	1803	1	33156
26464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-})$	26463	26028	1	33157
26465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^0D^{*0})$	26464	26029	1	33158
26466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^+D^+\bar{D}^{*-})$	26465	26030	1	33159
26467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}D_2^{*-}D_s^+)$	26466	26031	1	33160
26468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\rho^-K^*K^{*-}D^+$ $(e^+e^- \to \pi^+\rho^-K^*K^+K^{*-}D^+\bar{D}^{*-}D^{*0})$	26467	26032	1	33161
26469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0})$	26468	26033	1	33162

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^+K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^0K^+K^-K^{*+}D^{*+}D_s^{*-})$	26469	26034	1	33163
26471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0K^*D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^0\bar{K}^0K^*D^-D^{*+})$	26470	26035	1	33164
26472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+\eta'D^-D^{*+})$	26471	26036	1	33165
26473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^+n\bar{\Lambda}_c^-)$	26472	26037	1	33166
26474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	2596	2590	1	33167
26475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_1^-, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^+K^*D^{*+}\bar{D}^{*-}D_1^-)$	26474	26039	1	33168
26476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+})$	26475	26040	1	33169
26477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^0K^{*-}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	26476	26041	1	33170
26478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-K^{*+}D^-D^{*+}D^0)$	26477	26042	1	33171
26479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega K^0D^-D^{*+}D^{*+})$	26478	26043	1	33172
26480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}p\bar{\Xi}_c^0)$	26479	26044	1	33173
26481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^+\eta D^-)$	26480	26045	1	33174
26482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*0})$	26481	26046	1	33175
26483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*0})$	26482	26047	1	33176
26484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+})$	26483	26048	1	33177
26485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-})$	26484	6386	1	33178
26486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\bar{\Sigma}^{*0}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0K^-\bar{D}^0\bar{\Sigma}^{*0}\Xi_c'^+)$	26485	26049	1	33179

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0 D^0 D^0 \bar{D}^{*0} D_s^-)$	26486	26050	1	33180
26488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0 D^- D_2^{*+} D_s^+ D_s^{*-})$	26487	26051	1	33181
26489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi(3770)$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega\bar{K}^0 D^-\psi(3770))$	26488	26052	1	33182
26490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\omega\bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega\bar{K}^* K^+ D^{*+} D_2^{*+} D_s^{*-})$	26489	26053	1	33183
26491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+ K^- D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^+\rho^- K^-\bar{D}^{*-} D^0\bar{D}^0)$	26490	26054	1	33184
26492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	26491	26055	1	33185
26493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^{*+}\bar{D}^{*0} D_s^-)$	26492	26056	1	33186
26494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to K^{*+}\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^- K^{*+}\bar{D}^{*0}\bar{\Delta}^+\Xi_c^{*0})$	26493	26057	1	33187
26495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\bar{D}^{*0} D_1^+)$	26494	26058	1	33188
26496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^- K^+ D^+, \bar{B}^0 \to D^+ D_{s0}^{*-}$ $(e^+e^- \to \pi^-\pi^- K^+ D^+ D^+ D_{s0}^{*-})$	26495	26059	1	33189
26497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0 K^0\chi_{c1}, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega K^0\bar{D}^{*-}\chi_{c1})$	26496	26060	1	33190
26498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D^+ D^- D_s^+)$	26497	26061	1	33191
26499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- K^0 D^{*+} D_s^+ D_s^-)$	26498	26062	1	33192
26500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+ D^+ D^-, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta K^+ D^+ D^- D^{*+})$	26499	26063	1	33193
26501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta' p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\eta' D^+ p\bar{\Lambda}_c^-)$	26500	26064	1	33194
26502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^- D^- D^{*+})$	26501	26065	1	33195
26503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	26502	26066	1	33196

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to J/\psi\bar{n}\Lambda$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^- J/\psi\bar{n}\Lambda)$	26503	26067	1	33197
26505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+K^-\eta' D^+\bar{D}^{*-})$	26504	26068	1	33198
26506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} J/\psi, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^- K^{*+} D_s^- J/\psi D_1^+)$	26505	26069	1	33199
26507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta K^+K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^+K^- D^{*+}\bar{D}^{*0})$	26506	26070	1	33200
26508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}\Delta^+, B^0 \to \pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^-\bar{D}^{*-}\bar{n}\Delta^+)$	26507	26071	1	33201
26509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to K^- D^+\bar{D}^0$ $(e^+e^- \to K^- D^+\bar{D}^0 D_s^-\Delta^0\bar{\Sigma}^+)$	26508	26072	1	33202
26510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^0D^{*0}D_s^-, \bar{B}^0 \to \bar{K}^* D^+D^-$ $(e^+e^- \to \pi^+K^0K^0\bar{K}^* D^+D^- D^{*0}D_s^-)$	26509	26073	1	33203
26511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\eta\eta D^- n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\omega K^* K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\eta\omega K^* K^- D^+ D^- n\bar{p})$	26510	26074	1	33204
26512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-} D_1'^+\gamma)$	26511	26075	1	33205
26513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega\omega K^0K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0K^- D^+ D^{*+} D_s^{*-})$	26512	26076	1	33206
26514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	26513	26077	1	33207
26515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^-\omega D^+ D^{*+}\Sigma^0\bar{\Sigma}^-)$	26514	26078	1	33208
26516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to \omega\bar{K}^* D^{*0}\bar{D}^{*0} J/\psi)$	26515	26079	1	33209
26517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\eta\eta\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\eta\eta\omega D^-\bar{D}^{*-})$	26516	26080	1	33210
26518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\eta K^- D^+\bar{D}^{*-}\bar{D}^{*0})$	26517	26081	1	33211
26519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^* K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\bar{K}^* K^+D^- D^{*+})$	26518	26082	1	33212
26520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^- K^+K^- K^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^- K^+K^- K^{*+} D^0\bar{D}^0)$	26519	26083	1	33213

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D_2^{*+} J/\psi)$	26520	26084	1	33214
26522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega D^+ D_0^{*-})$	26521	26085	1	33215
26523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^0\Sigma_c^0)$	26522	26086	1	33216
26524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{\Sigma}^+\Xi^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^- D^{*+}\bar{\Sigma}^+\Xi^-)$	26523	26087	1	33217
26525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\rho^-\eta D^0$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\rho^-\eta D^0 D_0^{*-})$	26524	26088	1	33218
26526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*\bar{D}^{*-}D^{*0}D_0^{*+})$	26525	26089	1	33219
26527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	26526	26090	1	33220
26528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+K^+K^-D^0D_s^{*-}$ $(e^+e^- \to \pi^+K^+K^-\bar{D}^{*-}D^0D_s^{*-}a_1^+)$	26527	26091	1	33221
26529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}D_s^{*+}\chi_{c0})$	26528	26092	1	33222
26530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^*\eta'$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^*\eta' D_2^{*-})$	26529	26093	1	33223
26531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^0D_s^-)$	26530	26094	1	33224
26532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega\bar{K}^*$ $(e^+e^- \to e^+\nu_e\pi^0\eta\omega\bar{K}^*\bar{D}^{*-})$	26531	26095	1	33225
26533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^-D^{*+}, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^{*+}D^-D^-D^{*+}D^{*+})$	26532	26096	1	33226
26534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0\gamma$ $(e^+e^- \to K^{*-}K^{*-}D^+D^{*+}\bar{D}^0\bar{D}^0\gamma)$	26533	26097	1	33227
26535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0D^-\bar{n}\Sigma_c^0)$	26534	26098	1	33228
26536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}D^{*0})$	26535	26099	1	33229
26537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{n}p)$	26536	26100	1	33230

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	26537	26101	1	33231
26539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0D^{*0}\Delta^0\bar{\Sigma}_c^{*0})$	26538	26102	1	33232
26540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega D^+D_2^{*-}D_s^+)$	26539	26103	1	33233
26541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	26540	26104	1	33234
26542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}\eta_c n\bar{n})$	26541	26105	1	33235
26543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-})$	26542	26106	1	33236
26544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^-D_2^{*+}D_s^{*-})$	26543	26107	1	33237
26545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\chi_{c2}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}\chi_{c2})$	26544	26108	1	33238
26546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^+D^-D_s^{*-}p\bar{p})$	26545	26109	1	33239
26547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{D}^0n\bar{p}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \rho^0\pi^+K^0D^+\bar{D}^0n\bar{p}D_{s0}^{*-})$	26546	26110	1	33240
26548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^-D_s^{*+})$	26547	10975	1	33241
26549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+})$	26548	26111	1	33242
26550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-\bar{D}^0D^{*0})$	26549	26112	1	33243
26551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^0\bar{D}^0, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}D^0\bar{D}^0)$	26550	26113	1	33244
26552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0J/\psi, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^0D^{*+}J/\psi)$	2597	2591	1	33245
26553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-D^{*0}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+D^-D^{*0}D^{*0}D_s^{*-})$	26552	26114	1	33246
26554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^0J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0D^-J/\psi)$	26553	26115	1	33247

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^0D^{*0})$	26554	26116	1	33248
26556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	26555	26117	1	33249
26557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^0K^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^+K^-\eta' D^+\bar{D}^{*-}D^{*0})$	26556	26118	1	33250
26558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	26557	26119	1	33251
26559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	26558	26120	1	33252
26560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to K^-D^+D^{*0}\bar{D}^{*0}p\bar{\Delta}^+)$	26559	26121	1	33253
26561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau a_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau D^+a_1^+)$	26560	26122	1	33254
26562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}n\bar{p})$	26561	26123	1	33255
26563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^-D^{*+})$	26562	26124	1	33256
26564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}\gamma\gamma$ $(e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}D_s^{*-}\gamma\gamma)$	26563	26125	1	33257
26565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0})$	26564	26126	1	33258
26566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	26565	26127	1	33259
26567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	26566	26128	1	33260
26568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0D^{*0})$	26567	26129	1	33261
26569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^-\rho^+\eta D^0D_s^{*+}D_1'^-)$	26568	26130	1	33262
26570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, B^0 \to \pi^+\pi^+\rho^-K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega K^-K^{*+}D^-\bar{D}^{*-})$	26569	26131	1	33263
26571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	26570	26132	1	33264

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+K^+K^-D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^+K^-D^-\bar{D}^{*-}\bar{p}\Delta^+)$	26571	26133	1	33265
26573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0\phi J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\bar{K}^0\phi D^-J/\psi)$	26572	26134	1	33266
26574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^-K^{*+}D^-, \bar{B}^0 \to \rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^+K^-K^{*+}K^{*-}D^-D^{*+})$	26573	26135	1	33267
26575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^*D^{*+}\bar{n}p)$	26574	26136	1	33268
26576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \rho^-\eta K^+K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta K^+K^{*-}D^+D_0^{*-})$	26575	26137	1	33269
26577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-\bar{D}^{*0})$	26576	26138	1	33270
26578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^-D_s^+, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0K^*K^{*-}\phi D^+D^-D_s^+)$	26577	26139	1	33271
26579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^-\pi^-\rho^+D^-D^{*+}\bar{n}p)$	26578	26140	1	33272
26580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^+D^-)$	26579	12044	1	33273
26581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	26580	8518	1	33274
26582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}D_s^+)$	26581	26141	1	33275
26583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^*\phi D^+, \bar{B}^0 \to \pi^0\rho^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^*K^-K^{*+}\phi D^+D^+)$	26582	26142	1	33276
26584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^0\bar{D}^{*0}\bar{n}\Delta^0)$	26583	26143	1	33277
26585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	26584	26144	1	33278
26586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta\bar{K}^0K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^-\eta\eta\bar{K}^0K^+D^{*+}\bar{D}^{*0})$	117	117	1	33279
26587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	26586	26146	1	33280
26588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^0D^{*+}\bar{n}p)$	26587	26147	1	33281

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+} D^-, \bar{B}^0 \to \pi^0 \bar{K}^* \bar{\Delta}^{++} \Sigma_c^{*++}$ $(e^+e^- \to \pi^0 \bar{K}^* \bar{K}^* K^{*+} D^- \bar{\Delta}^{++} \Sigma_c^{*++})$	26588	26148	1	33282
26590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \eta D^-, \bar{B}^0 \to \pi^- \bar{p} \Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e \pi^- \eta D^- \bar{p} \Sigma_c^{++})$	26589	26149	1	33283
26591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta \bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+} \bar{D}^{*-})$	26590	26150	1	33284
26592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^* J/\psi, \bar{B}^0 \to D^+ D_{s0}^{*-}$ $(e^+e^- \to \bar{K}^* D^+ J/\psi D_{s0}^{*-})$	26591	26151	1	33285
26593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega \bar{D}^{*-}, \bar{B}^0 \to \rho^- \bar{\Delta}^+ \Sigma_c^{++}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^{++})$	26592	26152	1	33286
26594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega \bar{D}^{*-} D^0)$	26593	26153	1	33287
26595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 p \bar{\Delta}^{++}, \bar{B}^0 \to D^{*0} n \bar{\Delta}^0$ $(e^+e^- \to \rho^+ K^0 D^{*0} n \bar{\Delta}^0 p \bar{\Delta}^{++})$	26594	26154	1	33288
26596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to D^+ D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega D^+ D^- D_{s0}^{*-})$	26595	26155	1	33289
26597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*-})$	26596	26156	1	33290
26598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^+\eta \bar{\Sigma}^- \Xi^0$ $(e^+e^- \to \pi^+\pi^-\eta \bar{D}^0 D_s^{*+} \bar{\Sigma}^- \Xi^0)$	26597	26157	1	33291
26599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+ \bar{\Delta}^- \Delta^-$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0\pi^-\eta D^+ D^+ \bar{\Delta}^- \Delta^-)$	26598	26158	1	33292
26600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+ p\bar{p}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^+ \bar{D}^{*-} p\bar{p})$	26599	26159	1	33293
26601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Delta}^0 \Delta^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta' D^- D^{*+} \bar{\Delta}^0 \Delta^+)$	26600	26160	1	33294
26602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \eta \bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0\rho^0\pi^+\eta\omega D^- \bar{D}^{*-})$	26601	26161	1	33295
26603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^0 D^- D^{*+} D^{*+})$	26602	26162	1	33296
26604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\omega D^+ \bar{D}^{*-})$	26603	26163	1	33297
26605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \bar{D}^{*-} p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^- \bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- \bar{K}^* D^{*+} \bar{D}^{*-} p\bar{p})$	26604	26164	1	33298

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0 D^- D^{*+})$	26605	26165	1	33299
26607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_1^+)$	26606	26166	1	33300
26608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^-\rho^+\omega\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^0)$	26607	26167	1	33301
26609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma_c^+)$	26608	26168	1	33302
26610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\omega D^+D^-)$	26609	26169	1	33303
26611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\omega\bar{D}^{*-}D_s^{*+}D_1^-)$	26610	26170	1	33304
26612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+D^-D^{*0})$	26611	26171	1	33305
26613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	26612	26172	1	33306
26614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_s^+\bar{p}\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}D_s^+\bar{p}\Sigma^0)$	26613	26173	1	33307
26615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta'D^+$ $(e^+e^- \to \rho^-K^0\eta'D^+D^0\bar{D}^{*0})$	26614	26174	1	33308
26616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0D^+D^-)$	26615	26175	1	33309
26617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\bar{D}^0D^{*0}D_s^+)$	26616	26176	1	33310
26618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+})$	26617	26177	1	33311
26619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	26618	26178	1	33312
26620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^+\bar{D}^{*-}D_1^-)$	26619	26179	1	33313
26621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+D^0D_1'^-)$	26620	26180	1	33314
26622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega\omega D^-D^{*+})$	26621	26181	1	33315

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to K^{*-} D^+ \bar{D}^0$ $(e^+e^- \to K^0 K^{*-} D^+ D^0 \bar{D}^0 \bar{D}^{*0})$	26622	26182	1	33316
26624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^+ \bar{p}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e \rho^+ \bar{D}^{*-} \bar{p}\Sigma_c^0)$	26623	26183	1	33317
26625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^- \chi_{c1}, \bar{B}^0 \to \pi^+\pi^- \bar{K}^* D^0 \bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^- \bar{K}^* K^- D^0 \bar{D}^0 \chi_{c1})$	26624	26184	1	33318
26626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^+ \eta \bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^- K^- D^{*+}$ $(e^+e^- \to \pi^0 \rho^+ \rho^+ \rho^- \eta K^- D^{*+} \bar{D}^{*-})$	26625	26185	1	33319
26627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \rho^- \omega K^+ K^- D^+$ $(e^+e^- \to \pi^0 \rho^- \omega K^+ K^- D^+ D^+ \bar{D}^{*-})$	26626	26186	1	33320
26628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 \bar{D}^0 D^{*0}, \bar{B}^0 \to J/\psi \bar{K}_1^0$ $(e^+e^- \to \rho^0 K^0 \bar{D}^0 D^{*0} J/\psi \bar{K}_1^0)$	26627	26187	1	33321
26629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0 \pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 \pi^- K^+ K^{*-} D^{*+} D^{*+})$	26628	26188	1	33322
26630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^- \rho^+ \rho^+ \omega \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D^+$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^- \rho^+ \rho^+ \omega D^+ \bar{D}^{*-})$	26629	26189	1	33323
26631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0} \Delta^0 \bar{\Delta}^0, \bar{B}^0 \to \pi^0 \eta K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0 \eta K^0 K^{*-} D^+ \bar{D}^{*0} \Delta^0 \bar{\Delta}^0)$	26630	26190	1	33324
26632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^+ \pi^+ \pi^- \omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \rho^0 \pi^+ \pi^- \rho^- D^+$ $(e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \rho^- \omega D^+ \bar{D}^{*-})$	26631	26191	1	33325
26633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^- \omega K^+ K^- D^{*+}$ $(e^+e^- \to \pi^- \omega K^+ K^- D^- D^{*+} D_s^{*+})$	26632	26192	1	33326
26634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \rho^- D^+ D^+)$	26633	26193	1	33327
26635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \pi^+ K^* K^- D^-, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^+ \pi^+ K^* K^- K^{*-} D^- D^{*+} \bar{D}^0)$	26634	26194	1	33328
26636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 \Delta^0 \bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^- \bar{\nu}_e D^+$ $(e^+e^- \to e^- \bar{\nu}_e K^0 D^+ \Delta^0 \bar{\Sigma}_c^{*0})$	26635	26195	1	33329
26637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \rho^+ D^0 D_s^{*-}$ $(e^+e^- \to e^+\nu_e \rho^+ D^0 D_s^{*-} D_0^{*-})$	26636	26196	1	33330
26638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \omega \Sigma^- \bar{\Xi}_c^0, \bar{B}^0 \to \pi^0 \pi^- K^0 \bar{K}^0 D^+$ $(e^+e^- \to \pi^0 \pi^+ \pi^- \omega K^0 \bar{K}^0 D^+ \Sigma^- \bar{\Xi}_c^0)$	26637	26197	1	33331
26639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^0 K^- \bar{D}^{*0} D_s^{*+}$ $(e^+e^- \to \pi^0 \pi^0 \pi^+ K^- \bar{D}^{*-} \bar{D}^{*0} D_s^{*+})$	26638	26198	1	33332

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\eta_c(2S), \bar{B}^0 \to \pi^0\eta K^0\bar{K}^0\bar{K}^0K^*D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0\bar{K}^0K^*K^+D^0\eta_c(2S))$	26639	26199	1	33333
26641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	26640	26200	1	33334
26642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+})$	26641	26201	1	33335
26643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_s^{*+})$	26642	26202	1	33336
26644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+D_0^{*-})$	26643	26203	1	33337
26645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\omega D^+D^-)$	26644	26204	1	33338
26646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\omega K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	26645	26205	1	33339
26647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^+\bar{D}^{*-}\bar{p}\Sigma_c^0)$	26646	26206	1	33340
26648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega\omega D^+\bar{D}^0D_s^+)$	26647	26207	1	33341
26649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \rho^-\omega\omega D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	26648	26208	1	33342
26650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^+K^0\bar{K}^0K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^0K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	26649	26209	1	33343
26651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*0})$	26650	26210	1	33344
26652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^-\eta\bar{K}^0K^+D^+D^-)$	26651	26211	1	33345
26653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0\gamma, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^-\bar{\Delta}^-\Delta^0\gamma)$	26652	26212	1	33346
26654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_2^{*+}D_1^-)$	26653	26213	1	33347
26655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^+D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^+K^-D^+D^-D^{*+})$	26654	26214	1	33348
26656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta'\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta'\eta'D^+\bar{D}^{*0}D_s^-)$	26655	26215	1	33349

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ \bar{D}^0, \bar{B}^0 \to \pi^0\pi^- D^+ p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\rho^- K^+ D^+ \bar{D}^0 p\bar{p})$	2599	2593	1	33350
26658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^+ D^-, B^0 \to K^+ D^- D^0$ $(e^+e^- \to K^* K^+ D^+ D^- D^- D^0)$	26657	26217	1	33351
26659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ \bar{D}^{*-} \bar{\Sigma}^+ \Xi^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^- K^+ D^{*+} \bar{D}^{*-} \bar{\Sigma}^+ \Xi^-)$	26658	26218	1	33352
26660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu X_u^+, \bar{B}^0 \to \pi^0 D^+ \Delta^0 \bar{p}$ $(e^+e^- \to \mu^- \bar{\nu}_\mu X_u^+ \pi^0 D^+ \Delta^0 \bar{p})$	26659	26219	1	33353
26661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^+\pi^-\rho^- \eta\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^- \eta\eta\omega D^+ D^-)$	26660	26220	1	33354
26662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ \eta D^-, B^0 \to \pi^+\pi^- \bar{K}^0 K^+ D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+ \eta \bar{K}^0 K^+ D^- D^-)$	26661	26221	1	33355
26663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- \eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^- \eta\omega\omega D^{*+} \bar{D}^{*-})$	26662	26222	1	33356
26664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^- \bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^- \bar{K}^0 K^* D^{*+} D^{*+})$	26663	26223	1	33357
26665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^{*+} \bar{D}^{*-})$	26664	9770	1	33358
26666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to D^- \bar{\Sigma}^0 \Sigma^+$ $(e^+e^- \to e^+\nu_e D^- \bar{D}^{*-} \bar{\Sigma}^0 \Sigma^+)$	26665	26224	1	33359
26667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^- \bar{K}^0 K^+ D^+$ $(e^+e^- \to e^+\nu_e \pi^-\pi^- \bar{K}^0 K^+ D^+ \bar{D}^{*-})$	26666	26225	1	33360
26668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+ D^{*0})$	26667	26226	1	33361
26669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to e^-\bar{\nu}_e \pi^0 D^+$ $(e^+e^- \to e^-\bar{\nu}_e \tau^+\nu_\tau \pi^0 D^+ D^-)$	26668	26227	1	33362
26670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 \bar{K}^* \eta_c, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+ \bar{K}^* D^{*+} \eta_c)$	26669	26228	1	33363
26671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta' D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- \eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^- \eta\eta\eta' D^+ D^-)$	26670	26229	1	33364
26672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^- \bar{\Delta}^+ \Sigma_c^{*++} \gamma$ $(e^+e^- \to e^-\bar{\nu}_e \rho^- D^{*+} \bar{\Delta}^+ \Sigma_c^{*++} \gamma)$	26671	26230	1	33365
26673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+ \bar{K}^0 D^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+ \bar{K}^0 K^{*+} D^- D^0 D^{*0})$	2600	2594	1	33366

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^*\bar{D}^{*-}n\bar{p}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^*D^{*+}\bar{D}^{*-}n\bar{p})$	26673	26232	1	33367
26675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, B^0 \to \pi^0\pi^+D^-\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	26674	26233	1	33368
26676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^0\rho^-D^+\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^-K^0D^+\bar{D}^{*-}D^0\gamma)$	26675	26234	1	33369
26677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\bar{n}\Xi_c'^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^-\bar{n}\Xi_c'^0)$	26676	26235	1	33370
26678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \tau^+\nu_\tau D^+\Delta^0\bar{\Delta}^+D_1^-)$	26677	26236	1	33371
26679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^0D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}D_1'^+)$	26678	26237	1	33372
26680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^*\bar{K}^*K^-D^-D^{*+})$	2601	2595	1	33373
26681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0K^0D^+\bar{D}^0D^{*0}D_s^-)$	26680	26239	1	33374
26682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\eta_c, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0K^0\eta_cD_0^{*+})$	26681	26240	1	33375
26683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^0K^+D^-\bar{\Delta}^0\Sigma_c^0)$	26682	26241	1	33376
26684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-K^{*-}D^-D^{*+}\bar{D}^0)$	26683	26242	1	33377
26685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^0\rho^-D^{*+}p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^-K^0D^{*+}J/\psi p\bar{\Delta}^+)$	26684	26243	1	33378
26686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^-\rho^+\rho^-K^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0K^{*+}\bar{D}^{*-}D^{*0})$	26685	26244	1	33379
26687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^0\pi^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^*D^+D^-D^-)$	26686	26245	1	33380
26688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^0, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^0J/\psi\bar{K}_1^0)$	26687	26246	1	33381
26689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c2}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^+D^+\chi_{c2})$	26688	26247	1	33382
26690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-})$	26689	26248	1	33383

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^- K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- K^0\bar{D}^{*0}\bar{n}\Sigma_c^+)$	26690	26249	1	33384
26692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \rho^+\omega D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	26691	26250	1	33385
26693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+K^{*-}D^-D^{*+}\bar{D}^{*0})$	26692	26251	1	33386
26694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to K^0K^-D^0\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to \pi^0\pi^0K^0K^-D^-D^0D_s^{*+}\bar{\Sigma}^0\Sigma^+)$	26693	26252	1	33387
26695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-K^+D^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	26694	26253	1	33388
26696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^-)$	26695	26254	1	33389
26697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-D^+\bar{D}^{*-})$	26696	26255	1	33390
26698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}J/\psi a_1^+)$	26697	26256	1	33391
26699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, B^0 \to \rho^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\eta\eta D^-\bar{D}^{*-})$	26698	26257	1	33392
26700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\gamma)$	26699	26258	1	33393
26701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\eta\bar{D}^{*-}D^0\Delta^0\bar{\Delta}^0)$	26700	26259	1	33394
26702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^0D^-)$	26701	26260	1	33395
26703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^0D_{s1}'^+)$	26702	26261	1	33396
26704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta'D^-D^{*+}D_s^{*+})$	26703	26262	1	33397
26705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^-D^{*+}D_s^+)$	26704	26263	1	33398
26706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c1}, \bar{B}^0 \to \pi^+\pi^+\rho^-\rho^-\eta'D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^-\eta'D^0\chi_{c1})$	26705	26264	1	33399
26707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*+}K^{*-}D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^-)$	26706	26265	1	33400

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-})$	26707	26266	1	33401
26709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^-K^+D^0\bar{D}^0\bar{n}\Sigma_c^0)$	26708	26267	1	33402
26710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}\bar{D}^0D_s^{*+})$	26709	26268	1	33403
26711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*K^-K^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\omega K^-K^{*+}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^*K^-K^-K^{*+}K^{*+}D^+\bar{D}^0)$	2602	2596	1	33404
26712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	26711	25531	1	33405
26713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+\omega D^-)$	26712	26270	1	33406
26714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}, \bar{B}^0 \to \rho^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0D^-D^{*+}D^{*0})$	26713	26271	1	33407
26715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0D_s^-D_s^{*+}p\bar{p})$	26714	26272	1	33408
26716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0D^-D^0)$	26715	26273	1	33409
26717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^+K^-D^{*+}\bar{D}^{*-})$	26716	20347	1	33410
26718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^-D_{s1}'^+)$	26717	26274	1	33411
26719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+D^-D^{*+})$	26718	26275	1	33412
26720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta\omega K^0K^0\bar{K}^*D^+\bar{D}^{*-})$	26719	26276	1	33413
26721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\omega\bar{K}^0\eta'$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\omega\bar{K}^0\eta'\bar{D}^{*-})$	2603	2597	1	33414
26722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c^-, \bar{B}^0 \to \rho^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-K^-K^{*+}D^+n\bar{\Xi}_c^-)$	26721	26278	1	33415
26723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	26722	18293	1	33416
26724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-K^{*+}D^{*+}D^0\bar{D}^{*0}D_s^{*-})$	26723	26279	1	33417

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^+K^-D^{*+}\bar{D}^{*-})$	26724	26280	1	33418
26726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^+\pi^-\pi^-D^+)$	26725	26281	1	33419
26727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^*\bar{D}^{*-}J/\psi)$	26726	26282	1	33420
26728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^-D_s^{*+}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \phi D^-D^{*+}D_s^{*+}\Delta^-\bar{\Delta}^0)$	26727	26283	1	33421
26729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*0}D_s^-\bar{n}\Delta^0)$	26728	26284	1	33422
26730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	26729	26285	1	33423
26731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-K^+\bar{D}^{*-}D^0D^{*0})$	26730	26286	1	33424
26732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-D^-n\bar{n})$	26731	26287	1	33425
26733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+D^0D_s^-)$	26732	26288	1	33426
26734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-K^0D^0\bar{\Delta}^0\Sigma^+$ $(e^+e^- \to \pi^0\pi^-K^0\bar{D}^{*-}D^0D_s^{*+}\bar{\Delta}^0\Sigma^+)$	26733	26289	1	33427
26735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^-D_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+D_s^-D_1^+)$	26734	26290	1	33428
26736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^+D^{*+}D_s^{*-})$	26735	26291	1	33429
26737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	26736	26292	1	33430
26738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^+D^-D^{*+}D^0)$	26737	26293	1	33431
26739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-})$	26738	26294	1	33432
26740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	26739	6626	1	33433
26741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\bar{K}^*\bar{K}^*D_s^+$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^*\bar{K}^*\bar{D}^{*-}D^{*0}D_s^+)$	26740	26295	1	33434

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\omega K^{*+}D^-D^{*+})$	26741	26296	1	33435
26743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	26742	26297	1	33436
26744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\omega K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^-\omega K^0\bar{K}^*K^+D^+\bar{D}^{*-}D^{*0})$	26743	26298	1	33437
26745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \rho^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}\bar{n}p)$	26744	26299	1	33438
26746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \eta\eta\bar{K}^*D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\eta\omega\bar{K}^*D^-D^0)$	26745	26300	1	33439
26747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\omega K^0K^+K^{*-}K^{*-}D^+\bar{D}^{*-})$	26746	26301	1	33440
26748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\eta K^0K^0\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta K^0K^0\bar{K}^*K^-D^+D^{*+})$	26747	26302	1	33441
26749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^-D^+\bar{D}^0D_1^+)$	26748	26303	1	33442
26750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\eta\bar{D}^{*-}D^{*0})$	26749	26304	1	33443
26751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\eta\bar{K}^*K^{*+}D^-D_2^{*+}D_s^{*-})$	26750	26305	1	33444
26752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\eta D^-D^{*+})$	26751	26306	1	33445
26753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+K^0\bar{K}^0K^+K^-D^+D^-)$	26752	26307	1	33446
26754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^-\bar{D}^{*0})$	26753	26308	1	33447
26755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0J/\psi\Delta^0\bar{\Sigma}_c^{*-})$	26754	26309	1	33448
26756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^+D^-D_s^+)$	26755	26310	1	33449
26757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D_2^{*-}D_s^{*+})$	26756	26311	1	33450
26758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^-D^{*+}D_s^{*+})$	26757	26312	1	33451

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^{*-}D^0\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^{*-}\bar{D}^{*-}D^0\bar{n}p)$	26758	26313	1	33452
26760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^0D_1^-)$	26759	26314	1	33453
26761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-\bar{D}^{*-}\Sigma^+\bar{\Xi}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Xi}^0)$	26760	26315	1	33454
26762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-D^{*+})$	26761	26316	1	33455
26763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\omega K^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^0)$	26762	26317	1	33456
26764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+D^+D^0D_s^-D_s^{*-})$	26763	26318	1	33457
26765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	26764	26319	1	33458
26766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+D^-D^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}D^0)$	26765	26320	1	33459
26767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+})$	26766	26321	1	33460
26768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-})$	26767	26322	1	33461
26769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta' D^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta' D^+\bar{D}^{*-}D_s^{*-})$	26768	26323	1	33462
26770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D^0D_s^-)$	26769	26324	1	33463
26771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^-D^{*+})$	26770	26325	1	33464
26772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	26771	26326	1	33465
26773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-\omega K^0D^{*+}\bar{D}^0D^{*0})$	26772	26327	1	33466
26774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}D_{s1}'^+)$	26773	26328	1	33467
26775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\bar{K}^*D^-D^{*0}D_s^+)$	26774	26329	1	33468

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega\omega D^-, B^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+K^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega\omega K^+D^-\bar{D}^0)$	26775	26330	1	33469
26777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\omega\omega K^0K^{*-}D^+\bar{D}^{*-})$	26776	26331	1	33470
26778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+D^{*+}\bar{D}^{*0})$	26777	26332	1	33471
26779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+D^-\Delta^-\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^+D^-D^0\Delta^-\bar{n})$	26778	26333	1	33472
26780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^-\bar{\Delta}^0\Xi_c^+)$	26779	26334	1	33473
26781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-})$	26780	26335	1	33474
26782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^+\omega K^+K^-D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega K^+K^-D^-D^-)$	26781	26336	1	33475
26783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^{*+}D_2^{*-})$	26782	26337	1	33476
26784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	26783	26338	1	33477
26785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0K^-K^-K^{*+}D^+\bar{D}^{*-})$	26784	26339	1	33478
26786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\eta\eta\omega D^+\bar{D}^{*-})$	26785	26340	1	33479
26787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^0K^-D^+\bar{D}^{*-}a_1^+\gamma)$	26786	26341	1	33480
26788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}a_1^-)$	26787	26342	1	33481
26789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^-D^{*+})$	26788	26343	1	33482
26790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-K^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-K^+D^+D_s^{*-})$	26789	26344	1	33483
26791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^{*+}D^-D^{*+})$	26790	26345	1	33484
26792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^-D^{*+})$	26791	26346	1	33485

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\psi', B^0 \to \pi^0\rho^0\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+K_SD^-\psi')$	26792	26347	1	33486
26794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-})$	26793	26348	1	33487
26795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^+\bar{D}^{*-})$	26794	26349	1	33488
26796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu K^*K^-D^+D^-)$	26795	26350	1	33489
26797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+)$	26796	26351	1	33490
26798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	26797	26352	1	33491
26799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega\omega D^+\bar{D}^{*-})$	26798	26353	1	33492
26800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\eta\omega D^+D^{*+}a_1^-)$	26799	26354	1	33493
26801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^*K^{*-}D^{*+}\bar{D}^0D_s^+)$	2604	2598	1	33494
26802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Xi}_c'^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \omega D_2^{*+}D_s^{*-}n\bar{\Xi}_c'^0)$	26801	26356	1	33495
26803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega\bar{K}^*D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\bar{K}^*D^-D_s^{*+})$	26802	26357	1	33496
26804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\omega K^0K^-D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^+\omega\omega K^0K^-D^+\bar{D}^{*-})$	26803	26358	1	33497
26805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-\rho^+\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{D}^{*-}\bar{D}^0)$	26804	26359	1	33498
26806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26805	26360	1	33499
26807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega D^+\bar{\Delta}^0\Sigma_c^{*+})$	26806	26361	1	33500
26808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	26807	26362	1	33501
26809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \pi^0K^*\bar{K}^*D^0\bar{D}^0D_s^+D_s^{*-})$	26808	26363	1	33502

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D_s^{*+}D_1^-)$	26809	26364	1	33503
26811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{*-})$	26810	26365	1	33504
26812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^+D^0D_s^-)$	26811	26366	1	33505
26813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Lambda\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^0K^{*+}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^0K^{*+}\Lambda\bar{\Xi}_c^{*-})$	26812	26367	1	33506
26814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}D^0D_s^{*+})$	26813	26368	1	33507
26815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^+\eta' D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta' D^-D^-)$	26814	26369	1	33508
26816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^*D^0J/\psi)$	26815	26370	1	33509
26817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to \pi^-D^+\bar{D}^0D_s^{*+}D_{s1}^-)$	26816	26371	1	33510
26818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	26817	26372	1	33511
26819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \bar{K}^0K^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	26818	26373	1	33512
26820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-})$	26819	26374	1	33513
26821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \eta K^0\bar{K}^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^+\eta K^0\bar{K}^*K^{*-}D^-D^{*+})$	26820	26375	1	33514
26822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^{*+}\bar{D}^{*0})$	26821	26376	1	33515
26823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \rho^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^-D^{*+}D_s^-)$	26822	8610	1	33516
26824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\eta\omega\bar{K}^0K^+D^{*+}\bar{D}^{*0})$	26823	26377	1	33517
26825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^-D_2^{*+})$	26824	26378	1	33518
26826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s0}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}D_{s0}^{*-})$	26825	26379	1	33519

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}D_s^{*+}D_1^-)$	26826	26380	1	33520
26828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-K^{*+}\eta_c, B^0 \to \rho^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta K^{*+}\bar{D}^{*-}\eta_c)$	26827	26381	1	33521
26829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to K_S\eta_c$ $(e^+e^- \to K_SD^-D_s^+\eta_c)$	26828	26382	1	33522
26830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-})$	26829	26383	1	33523
26831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	26830	26384	1	33524
26832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_0^{*+}a_1^+)$	26831	26385	1	33525
26833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_{s1}'^+\gamma)$	26832	26386	1	33526
26834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{K}^*D^-D^0\bar{D}^{*0})$	26833	26387	1	33527
26835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}D_{s1}'^-)$	26834	26388	1	33528
26836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0\bar{D}^0D^{*0}D_1^+)$	26835	26389	1	33529
26837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^+D^+)$	26836	26390	1	33530
26838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0K^0D^+D^0\bar{D}^{*0}D_s^{*-})$	26837	26391	1	33531
26839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^*D^{*+}\bar{D}^{*-})$	26838	26392	1	33532
26840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^{*+}D^+D^-D^0)$	26839	26393	1	33533
26841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}n\bar{\Xi}_c^-)$	26840	26394	1	33534
26842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta'D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta'D^+\bar{D}^{*-})$	26841	26395	1	33535
26843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^+D^0\bar{D}^{*0})$	26842	26396	1	33536

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0})$	26843	26397	1	33537
26845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau X_u^- D^+)$	26844	26398	1	33538
26846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\omega D^- D^{*+})$	26845	26399	1	33539
26847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+K^{*+}D^+\bar{D}^0)$	26846	26400	1	33540
26848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D_s^-D_1^+)$	26847	26401	1	33541
26849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^+\rho^-D_2^{*+}n\bar{\Lambda}_c^-)$	26848	26402	1	33542
26850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0})$	26849	26403	1	33543
26851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}D_s^{*+}D_1^-)$	26850	26404	1	33544
26852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	26851	26405	1	33545
26853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \bar{K}^0K^{*+}D^-D^{*0}D_s^-D_s^{*+})$	26852	26406	1	33546
26854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	26853	26407	1	33547
26855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\rho^+\omega K^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega K^{*-}D^+)$	26854	26408	1	33548
26856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\bar{K}^0D^-, \bar{B}^0 \to \rho^0\rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0K^-K^{*+}D^-D^{*+})$	26855	26409	1	33549
26857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*n\bar{p}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^*K^{*-}D^+\bar{D}^{*0}n\bar{p})$	26856	26410	1	33550
26858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega D^+\bar{D}^{*0})$	26857	26411	1	33551
26859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	26858	26412	1	33552
26860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}D^0\gamma)$	26859	26413	1	33553

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta' D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^+\eta' D^- D^0)$	26860	26414	1	33554
26862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\omega\bar{K}^0 K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	26861	26415	1	33555
26863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- K^+\eta_c D_1^+)$	26862	26416	1	33556
26864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega K^- K^{*+} D^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega K^- K^{*+} D^-\bar{\Delta}^+\Sigma_c^{*0})$	26863	26417	1	33557
26865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^-\bar{K}^* D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^* D^+ D^-\bar{D}^{*0} D_s^+)$	26864	26418	1	33558
26866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to D^+ p\bar{\Delta}^{++}$ $(e^+e^- \to D^+ D^-\bar{n}pp\bar{\Delta}^{++})$	26865	26419	1	33559
26867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-} D^0\bar{D}^0)$	26866	26420	1	33560
26868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^- D^+, \bar{B}^0 \to \pi^+\pi^- K^{*-} D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^- K^{*-} D^+ D^+\bar{D}^{*0})$	26867	26421	1	33561
26869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^+, \bar{B}^0 \to \pi^0\pi^+ K^{*-} D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^- K^{*-} D^+ D^0\bar{D}^{*0})$	26868	26422	1	33562
26870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+})$	26869	26423	1	33563
26871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^+\bar{D}^{*-})$	26870	26424	1	33564
26872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0 D^{*+}\bar{\Delta}^+\Lambda_c^+)$	26871	26425	1	33565
26873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\omega K^-\eta' D^+\bar{D}^{*-}\bar{D}^{*0})$	26872	26426	1	33566
26874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^+ K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^+ K^- D^{*+}\bar{D}^{*-})$	26873	26427	1	33567
26875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\rho^+ D^-, B^0 \to \rho^+ K^0\bar{K}^0\phi\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\rho^+ K^0\bar{K}^0\phi D^-\bar{D}^{*-})$	26874	26428	1	33568
26876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^- D^+, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0 K^- D^+ D^{*+}\bar{D}^{*-})$	26875	26429	1	33569
26877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \rho^0\pi^+\eta D^{*+}\bar{D}^{*-} D_{s1}'^-)$	26876	26430	1	33570

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta D^+\bar{D}^0)$	26877	26431	1	33571
26879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}$ $(e^+e^- \to \pi^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*-})$	26878	26432	1	33572
26880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\omega\bar{D}^0, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \eta\omega\omega\bar{D}^0D_s^{*-}D_1^+)$	26879	26433	1	33573
26881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\rho^-D^+D^-\bar{\Sigma}^0\Sigma^+D_{s1}'^-)$	26880	26434	1	33574
26882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^+\bar{D}^{*-}D_1^-)$	26881	26435	1	33575
26883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0)$	26882	26436	1	33576
26884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \omega\omega K^0K^-D^{*+}$ $(e^+e^- \to \omega\omega K^0K^-D^{*+}\bar{D}^{*-}D_s^+)$	26883	26437	1	33577
26885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\omega\omega K^0, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\rho^-\eta\omega\omega K^0D^{*+})$	26884	26438	1	33578
26886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^0\bar{K}^0K^*\bar{K}^*, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^0K^0\bar{K}^0K^*\bar{K}^*D^+)$	26885	26439	1	33579
26887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	26886	26440	1	33580
26888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^+\bar{D}^{*-})$	26887	26441	1	33581
26889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\eta D^-D^{*+})$	26888	26442	1	33582
26890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta\bar{D}^{*-}D_2^{*+})$	26889	26443	1	33583
26891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta K^0D^+\chi_{c0})$	26890	26444	1	33584
26892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	26891	13930	1	33585
26893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega D^-D^{*+}$ $(e^+e^- \to \omega K^0D^-D^{*+}D^{*+}\bar{D}^{*-})$	26892	26445	1	33586
26894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^{*+}\bar{D}^0D_s^{*-})$	26893	26446	1	33587

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{n}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\bar{n}\Sigma_c^0)$	26894	26447	1	33588
26896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-D^+D^{*+})$	26895	26448	1	33589
26897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^{*+})$	26896	26449	1	33590
26898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \omega D^+D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\omega D^+D^{*+}D_s^-)$	26897	26450	1	33591
26899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0})$	26898	5542	1	33592
26900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to e^+\nu_e\bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-D_1^-)$	26899	26451	1	33593
26901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+K^{*-}D^+\bar{D}^{*-}D_{s0}^{*+})$	26900	26452	1	33594
26902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\eta'D^-, \bar{B}^0 \to \pi^0\eta D^0\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\eta K^+\eta'D^-D^0\Sigma^+\bar{\Sigma}^-)$	26901	26453	1	33595
26903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+\Delta^+\bar{\Xi}_c^{*-})$	26902	26454	1	33596
26904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^0\pi^0\omega\bar{D}^0n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{D}^0\bar{D}^0D_s^{*+}n\bar{n})$	26903	26455	1	33597
26905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-\bar{n}p)$	26904	26456	1	33598
26906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{K}^0K^*D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta\bar{K}^0K^*K^-D^+D^-\bar{D}^{*0})$	26905	26457	1	33599
26907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-D^-D_2^{*-})$	26906	26458	1	33600
26908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	26907	8663	1	33601
26909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, B^0 \to \pi^+\pi^-\rho^+\eta\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta\omega\bar{K}^0K^{*+}D^-D^-)$	26908	26459	1	33602
26910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^+)$	26909	26460	1	33603
26911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_eK^{*-}D^{*+}\bar{D}^{*-})$	26910	26461	1	33604

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26911	26462	1	33605
26913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}, B^0 \to \pi^+\pi^-\bar{K}^0K^*p\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*\bar{D}^{*-}p\bar{\Sigma}^{*+}\Sigma^{*0}\bar{\Lambda}_c^-)$	26912	26463	1	33606
26914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	26913	26464	1	33607
26915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\eta$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-})$	26914	26465	1	33608
26916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\rho^-\rho^-\eta\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\rho^-\rho^-\eta\omega D^-D^{*+})$	26915	26466	1	33609
26917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0K^*\bar{K}^*K^-D^+$ $(e^+e^- \to e^+\nu_eK^0K^*\bar{K}^*K^-D^+\bar{D}^{*-})$	26916	26467	1	33610
26918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^+\bar{D}^{*-})$	26917	26468	1	33611
26919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-\bar{D}^{*-}a_1^+)$	26918	26469	1	33612
26920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26919	26470	1	33613
26921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta\omega\bar{K}^*K^+D^+D^-)$	26920	26471	1	33614
26922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-p\bar{p}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \bar{K}^0K^+D^-D^{*+}p\bar{p}D_{s1}'^-)$	26921	26472	1	33615
26923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\omega K^0\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0K^+D^{*+}\bar{D}^0)$	26922	26473	1	33616
26924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	26923	26474	1	33617
26925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^-\pi^-\omega\omega\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega\bar{K}^0K^+D^+\bar{D}^0)$	26924	26475	1	33618
26926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta D^+\Lambda\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	26925	26476	1	33619
26927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^+\bar{D}^{*0})$	26926	26477	1	33620
26928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*-})$	26927	26478	1	33621

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, B^0 \to K^0\bar{K}^0D^-D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^0D^-\bar{D}^0D_s^{*+})$	26928	26479	1	33622
26930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+, \bar{B}^0 \to \pi^0\eta D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta D^+D^{*+}\Delta^+\bar{\Delta}^{++})$	26929	26480	1	33623
26931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*0})$	26930	26481	1	33624
26932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^-D^+D^-)$	26931	26482	1	33625
26933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^*K^{*+}D^+\bar{D}^{*-}J/\psi)$	26932	26483	1	33626
26934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma, \bar{B}^0 \to \pi^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-\eta D^{*+}D^{*+}D_s^{*-}\gamma)$	26933	26484	1	33627
26935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega\bar{D}^{*-}D_1'^+)$	26934	26485	1	33628
26936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^*K^-D^{*+}\bar{D}^0)$	26935	26486	1	33629
26937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^0K^{*-}D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0})$	26936	26487	1	33630
26938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta'D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega\eta'\eta'D^+D^+)$	26937	26488	1	33631
26939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0K^0D_s^-, \bar{B}^0 \to \omega\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\pi^+\omega K^0K^0\bar{K}^0D_s^-J/\psi)$	26938	26489	1	33632
26940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\omega D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^{*-})$	26939	26490	1	33633
26941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \rho^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+)$	26940	26491	1	33634
26942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^+D^{*+})$	26941	26492	1	33635
26943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}\gamma)$	26942	26493	1	33636
26944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^0D_s^{*-}D_1^+)$	26943	26494	1	33637
26945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\chi_{c1}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}\chi_{c1})$	26944	26495	1	33638

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	26945	26496	1	33639
26947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*-}D_s^{*+})$	26946	26497	1	33640
26948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \rho^+\rho^-K^+K^{*-}D^{*+}\bar{D}^{*-}\bar{p}\Delta^+)$	26947	26498	1	33641
26949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta'D^{*+}\bar{D}^{*-})$	26948	26499	1	33642
26950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\rho^-\omega K^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\omega K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	26949	26500	1	33643
26951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta K^+K^-\eta'D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^+K^-\eta'D^+D^-D_s^-)$	26950	26501	1	33644
26952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^0K^0K^0\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \rho^0K^0K^0\bar{K}^*K^-D^-D^{*+}a_1^+)$	26951	26502	1	33645
26953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}\bar{p}\Delta^+)$	26952	26503	1	33646
26954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\bar{D}^{*-}D_1'^+)$	26953	26504	1	33647
26955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\omega D^{*0}$ $(e^+e^- \to \rho^0\omega\bar{D}^{*-}D^{*0}D_s^{*+})$	26954	26505	1	33648
26956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^*D^-\bar{D}^{*-}D^{*0}D_s^{*+})$	26955	26506	1	33649
26957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega\omega K^+K^-D^-D^{*+})$	26956	9609	1	33650
26958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+\eta D^-)$	26957	26507	1	33651
26959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0\rho^+\omega D^{*+}\bar{D}^{*-}D_{s1}'^-)$	26958	26508	1	33652
26960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^0n\bar{p})$	26959	26509	1	33653
26961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\rho^+D^+D^-n\bar{p})$	26960	26510	1	33654
26962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+K^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^-D^{*+}D_s^-)$	26961	26511	1	33655

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \bar{K}^* D^0 \bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e \bar{K}^* D^+ D^0 \bar{D}^{*0})$	26962	26512	1	33656
26964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega D^-\bar{p}\Lambda_c^+)$	26963	26513	1	33657
26965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0 K^* D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0 K^* D^- D^{*0} D_s^{*+})$	26964	26514	1	33658
26966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ K^+ K^- D^-, \bar{B}^0 \to D^+ D^-$ $(e^+e^- \to \rho^0\rho^+ K^+ K^- D^+ D^- D^-)$	26965	26515	1	33659
26967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^+\pi^- D^+ n\bar{p}$ $(e^+e^- \to \pi^+\pi^- D^+ D_s^+ n\bar{p} D_1^-)$	26966	26516	1	33660
26968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+ D^- D^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\Sigma^+\bar{\Xi}_c^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^+ D^- D^0 \Sigma^+ \bar{\Xi}_c^0)$	26967	26517	1	33661
26969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^- D^+ \bar{D}^{*-})$	26968	26518	1	33662
26970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^- D^{*+} D_1^+)$	26969	26519	1	33663
26971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0 K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0 K^- D^{*+} D^{*+} \bar{D}^{*0})$	26970	26520	1	33664
26972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+)$	26971	26521	1	33665
26973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	26972	26522	1	33666
26974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^+ D^-, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- K^+ D^+ D^- D^0 D_s^{*-})$	26973	26523	1	33667
26975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^* K^+ D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^* K^+ D^- D^{*0})$	26974	26524	1	33668
26976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ D^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^0 K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\rho^- K^* K^+ K^{*-} D^+ D^0 \bar{D}^{*0})$	26975	26525	1	33669
26977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ K^+ D^-, \bar{B}^0 \to \bar{K}^* D^0 \bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\bar{K}^* K^+ D^- D^0 \bar{D}^0)$	26976	26526	1	33670
26978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^+\pi^+\rho^-\rho^- D^+ \bar{D}^{*-})$	26977	26527	1	33671
26979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\pi^+\pi^-\omega D^- D_0^{*+})$	26978	26528	1	33672

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^+\bar{D}^{*-}D_s^{*+})$	26979	26529	1	33673
26981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*-})$	26980	26530	1	33674
26982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^*D^+\bar{D}^{*-}D_2^{*-})$	26981	26531	1	33675
26983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\eta\eta\omega\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\eta\eta\omega\bar{D}^{*-}\bar{D}^{*0})$	26982	26532	1	33676
26984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^*D^+D^-D^{*+})$	26983	4773	1	33677
26985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^0\bar{D}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^0)$	26984	26533	1	33678
26986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{K}^*D^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{K}^*D^-\bar{D}^{*-}D_s^+)$	26985	26534	1	33679
26987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to K_S\bar{D}^{*-}D_s^{*+}\psi')$	26986	26535	1	33680
26988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-\eta K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0K^+K^-K^{*+}D^+D^-)$	26987	26536	1	33681
26989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+K^{*-}D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^{*-}D^-\bar{D}^0D_s^{*+})$	26988	26537	1	33682
26990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\eta D^0$ $(e^+e^- \to \rho^0\rho^0\rho^0\rho^+\eta D^-D^0)$	26989	26538	1	33683
26991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	26990	26539	1	33684
26992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-K^+\eta_c, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^+K^-K^{*+}D^+\eta_c)$	26991	26540	1	33685
26993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D_s^+\bar{\Sigma}^{*0}\Xi^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+\bar{\Sigma}^{*0}\Xi^{*-})$	26992	26541	1	33686
26994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\bar{K}^*K^+, \bar{B}^0 \to \eta K^*K^-D^{*+}$ $(e^+e^- \to \pi^-\eta\omega K^*\bar{K}^*K^+K^-D^{*+})$	26993	26542	1	33687
26995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\bar{D}^0, B^0 \to \pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^-\pi^-K^+\bar{D}^0\bar{D}^0D_s^+)$	26994	26543	1	33688
26996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-\bar{D}^{*0})$	26995	26544	1	33689

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
26997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^* D^+ D^- D^-)$	26996	26545	1	33690
26998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0 K^* K^+ K^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\bar{K}^0 K^* K^+ K^- D^- D^{*0})$	26997	26546	1	33691
26999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\eta n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\eta D^- n\bar{p})$	26998	26547	1	33692
27000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^0 D^{*+}\bar{D}^{*-}\bar{n}p D'^-_{s1})$	26999	26548	1	33693
27001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^* K^+ D^+\bar{D}^{*-})$	27000	26549	1	33694
27002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^{*-}_2, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+ D^+ D^{*-}_2)$	27001	26550	1	33695
27003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^- K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^0\bar{K}^* D^+ D^-\bar{n}p)$	27002	26551	1	33696
27004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to \rho^+\bar{p}\Sigma^0_c$ $(e^+e^- \to \rho^+\bar{D}^{*0}\bar{p}\Delta^+\bar{\Sigma}^-\Sigma^0_c)$	27003	26552	1	33697
27005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^{*+}\bar{D}^0, \bar{B}^0 \to D^{*+}_2 D^{*-}_s$ $(e^+e^- \to \pi^- K^* D^{*+} D^{*+}_2\bar{D}^0 D^{*-}_s)$	27004	26553	1	33698
27006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D'^-_1, B^0 \to \pi^+\pi^- D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- D^+\bar{D}^{*-} D'^-_1)$	27005	26554	1	33699
27007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0 K^- D^{*+}\bar{D}^{*-}\bar{D}^0\bar{n}p)$	27006	26555	1	33700
27008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \rho^- K^* D^+ D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++})$	27007	26556	1	33701
27009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+ K^*\bar{K}^* D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+ K^*\bar{K}^* D^-\bar{D}^{*-})$	27008	26557	1	33702
27010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^0)$	27009	26558	1	33703
27011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}_0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+ D^- D^{*+}_0)$	27010	26559	1	33704
27012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}_2$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^{*+} D^{*+}_2 D^0\bar{D}^{*0})$	27011	26560	1	33705
27013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}\gamma$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}\gamma)$	2605	2599	1	33706

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\omega K^0 D^+\bar{D}^{*0})$	27013	26562	1	33707
27015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{\Sigma}^+\Lambda, \bar{B}^0 \to \omega K^0 K^- D^+$ $(e^+e^- \to \eta\omega K^0 K^- D^+\bar{D}^{*-}\bar{\Sigma}^+\Lambda)$	27014	26563	1	33708
27016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta\Lambda\bar{\Xi}_c^{*0}$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\Lambda\bar{\Xi}_c^{*0})$	27015	26564	1	33709
27017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^{*-}J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^{*-}\bar{D}^{*-}J/\psi)$	27016	26565	1	33710
27018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^+D_s^-)$	27017	26566	1	33711
27019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^+)$	27018	18682	1	33712
27020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^*K^+D^-D^0)$	27019	26567	1	33713
27021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}\bar{D}^{*-}D_0^{*+})$	27020	26568	1	33714
27022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+K^*D^+D^{*+}\bar{D}^{*-})$	27021	26569	1	33715
27023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^{*0})$	27022	26570	1	33716
27024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}\Delta^+, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0D^{*+}\bar{D}^{*-}\bar{n}\Delta^+)$	27023	26571	1	33717
27025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^-K^+\bar{D}^0, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-K^+\bar{D}^0D_1^+)$	27024	26572	1	33718
27026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega D^-D_1'^+)$	27025	26573	1	33719
27027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to e^+\nu_e D_0^{*-}$ $(e^+e^- \to e^+\nu_e D^-D_s^{*+}D_0^{*-})$	27026	26574	1	33720
27028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \rho^0\rho^+\rho^+K^-\bar{D}^{*-}\eta_c)$	27027	26575	1	33721
27029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Xi}_c^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{\Sigma}^+\Xi_c^0$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+\bar{\Sigma}^+\Lambda\Xi_c^0\bar{\Xi}_c^-)$	27028	26576	1	33722
27030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}D^0\bar{D}^0)$	27029	26577	1	33723

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^-\rho^+\rho^-K^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-K^+\bar{D}^{*-}\bar{D}^{*0})$	27030	26578	1	33724
27032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*-}D^-D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^{*-}D^-D^{*+}D_s^+)$	27031	26579	1	33725
27033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^-D^{*+})$	27032	24421	1	33726
27034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	27033	26580	1	33727
27035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to e^+\nu_eK^0K^-D^+D_1^-)$	27034	26581	1	33728
27036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D_s^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-D^+D_s^-)$	27035	26582	1	33729
27037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \bar{D}^{*-}D^0D_s^{*+}\Delta^0\bar{\Delta}^0)$	27036	26583	1	33730
27038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_SD^+\eta_c)$	27037	26584	1	33731
27039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\omega K^+K^-D^+\bar{D}^{*-})$	27038	26585	1	33732
27040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-})$	27039	26586	1	33733
27041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+D^+D^-)$	27040	26587	1	33734
27042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta D^{*+}\bar{D}^{*-})$	27041	26588	1	33735
27043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^{*+}D_1^-)$	27042	26589	1	33736
27044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^*D^-\bar{D}^0D^{*0})$	27043	26590	1	33737
27045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-})$	27044	26591	1	33738
27046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+D^0\bar{D}^0, B^0 \to \pi^+\pi^+\eta K^0K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^0K^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0)$	27045	26592	1	33739
27047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\rho^+\rho^+D^+\bar{D}^{*-})$	27046	26593	1	33740

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-})$	27047	26594	1	33741
27049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Lambda_c^+, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}\bar{\Delta}^+\Lambda_c^+)$	27048	26595	1	33742
27050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{n}p, \bar{B}^0 \to \eta\bar{\Delta}^+\Xi_c^+$ $(e^+e^- \to \pi^0\eta D^-\bar{n}p\bar{\Delta}^+\Xi_c^+)$	27049	26596	1	33743
27051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*D^-D^-D^{*+})$	27050	26597	1	33744
27052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^{*0}\bar{n}\Sigma^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma^0)$	27051	26598	1	33745
27053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^-\bar{n}\Delta^{++}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^-D^+D^-\bar{n}\Delta^{++})$	27052	26599	1	33746
27054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\pi^-K^0D^+D^+D^-a_1^-)$	27053	26600	1	33747
27055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, B^0 \to \rho^0\pi^-\rho^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{D}^0\bar{D}^0D_s^{*+})$	27054	26601	1	33748
27056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^-D^{*+}D^{*+}\bar{D}^0)$	27055	26602	1	33749
27057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\omega D^+\bar{D}^{*-})$	27056	26603	1	33750
27058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^{*+})$	27057	26604	1	33751
27059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^+\rho^+\rho^-K^*K^{*-}D^+D^-)$	27058	26605	1	33752
27060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^*$ $(e^+e^- \to e^+\nu_eK^0\bar{K}^0\bar{K}^*D_1^-)$	27059	26606	1	33753
27061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta\eta D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta\eta D^-\bar{D}^{*-})$	27060	26607	1	33754
27062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^-D^{*+}\bar{D}^{*-})$	27061	26608	1	33755
27063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^-D_2^{*+}D_s^{*+})$	27062	26609	1	33756
27064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \rho^-K^0D^+D^{*0}\bar{D}^{*0}\gamma)$	27063	26610	1	33757

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \rho^0\rho^0\omega D^0$ $(e^+e^- \to \rho^0\rho^0\omega D^- D^0 a_1^+)$	27064	26611	1	33758
27066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 D^- D^{*+}\bar{D}^{*-} D_s^{*+})$	27065	26612	1	33759
27067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to K^0 D_s^{*+} D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau K^0\bar{D}^{*-} D_s^{*+} D_s^{*-})$	27066	26613	1	33760
27068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0 D^+\bar{D}^{*-} p\bar{\Xi}_c^{\prime 0})$	27067	26614	1	33761
27069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0 D^- D^{*+} D_s^+)$	27068	26615	1	33762
27070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0\bar{K}^0\eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0\bar{K}^0 K^+ K^-\eta'\bar{D}^{*-} D^{*0})$	27069	26616	1	33763
27071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^- D^+\bar{D}^{*-})$	27070	26617	1	33764
27072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\omega D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\omega D^- D^{*+} D_s^{*+} n\bar{p})$	27071	26618	1	33765
27073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	2606	2600	1	33766
27074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \rho^0\bar{K}^0 K^- D^{*+} D^0\bar{D}^0\bar{D}^{*0})$	27073	26620	1	33767
27075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D_2^{*+}\bar{D}^{*0})$	27074	26621	1	33768
27076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\eta\bar{K}^* K^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\omega\bar{K}^* K^+ D^-\bar{D}^{*-})$	27075	26622	1	33769
27077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^+\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to K^- D^+ D^{*+}\bar{D}^{*0}\bar{\Delta}^0\Sigma^-)$	27076	26623	1	33770
27078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta' D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0 K^0 K^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^- K^0 K^-\eta' D^+ D^{*0}\bar{D}^{*0})$	27077	26624	1	33771
27079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	27078	26625	1	33772
27080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta\eta\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\eta\omega\bar{K}^* K^+ D^- D^0)$	27079	26626	1	33773
27081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta D^{*+}\bar{D}^{*-})$	27080	26627	1	33774

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\omega\omega K^0\bar{D}^0$ $(e^+e^- \to \pi^0\rho^+\omega\omega K^0\bar{D}^{*-}\bar{D}^0)$	27081	26628	1	33775
27083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^-\omega D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	27082	26629	1	33776
27084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to D_2^{*+}D_2^{*+}D_s^{*-}D_s^{*-})$	27083	26630	1	33777
27085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\omega\bar{D}^0, B^0 \to K^0\bar{K}^0D^-D_s^{*+}$ $(e^+e^- \to \eta\omega K^0\bar{K}^0D^-\bar{D}^0D_s^{*+})$	27084	26631	1	33778
27086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{\Sigma}^0\Sigma^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+}\bar{\Sigma}^0\Sigma^{*0})$	27085	26632	1	33779
27087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^-\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	2607	2601	1	33780
27088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta'D^{*+}\bar{D}^{*-})$	27087	26634	1	33781
27089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+K^{*-}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^{*-}\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-\Delta^-)$	27088	26635	1	33782
27090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\eta\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\eta\eta\omega D^-\bar{D}^{*-})$	27089	26636	1	33783
27091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^-D^-D^{*+}\Delta^0\bar{\Xi}_c^{*0})$	27090	26637	1	33784
27092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-})$	27091	26638	1	33785
27093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0D^{*+}p\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0K^0D^{*+}D^{*0}\bar{D}^{*0}p\bar{\Delta}^{++})$	27092	26639	1	33786
27094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}D^{*0})$	27093	26640	1	33787
27095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, B^0 \to \rho^0\rho^+K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+K^+K^-\bar{D}^{*-}\bar{D}^0\Delta^0\bar{\Delta}^0)$	27094	26641	1	33788
27096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^-D^+\bar{D}^{*0}D_1^-)$	27095	26642	1	33789
27097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-D^+D_2^{*+})$	27096	26643	1	33790
27098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+K^*\bar{K}^*D^-, \bar{B}^0 \to \rho^-\bar{K}^0D^+n\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\bar{K}^0K^*\bar{K}^*D^+D^-n\bar{\Lambda})$	27097	26644	1	33791

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \pi^0\rho^0\pi^+D^-\bar{K}_1^0\psi')$	27098	26645	1	33792
27100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0K^-D^{*+}\bar{D}^{*-}D_s^{*+})$	2608	2602	1	33793
27101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \bar{D}^{*-}D_s^{*+}$ $(e^+e^- \to D^-\bar{D}^{*-}D_s^+D_s^{*+})$	27100	26647	1	33794
27102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}a_1^+)$	27101	26648	1	33795
27103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^+\rho^+\rho^-\omega\bar{K}^0D^+D^-D^-)$	27102	26649	1	33796
27104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}n\bar{n}D_1^+)$	27103	26650	1	33797
27105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^-K^{*+}K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\bar{K}^0K^-K^{*+}K^{*+}D^+\bar{D}^{*-})$	27104	26651	1	33798
27106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\omega\omega\bar{D}^{*0}, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*0}\bar{D}^{*0})$	27105	26652	1	33799
27107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to K^0\bar{K}^0K^*K^-D^+$ $(e^+e^- \to \pi^+K^0\bar{K}^0K^*K^-D^+\Delta^+\bar{\Sigma}_c^{--})$	27106	26653	1	33800
27108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-D^+D^-)$	27107	26654	1	33801
27109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \rho^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^+D^-n\bar{n}p\bar{p})$	27108	26655	1	33802
27110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*0})$	27109	26656	1	33803
27111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^{*-}D^+\bar{D}^{*-}D^0)$	27110	26657	1	33804
27112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^+D^-D^{*+})$	27111	26658	1	33805
27113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+K^-D^-n\bar{\Sigma}^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^-\bar{D}^{*-}n\bar{\Sigma}^{*+})$	27112	26659	1	33806
27114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\rho^+D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+D^+D_2^{*-}n\bar{p})$	27113	26660	1	33807
27115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\rho^-D^+\bar{n}p$ $(e^+e^- \to \pi^-\rho^-K^+D^+n\bar{n}p\bar{\Sigma}_c^-)$	27114	26661	1	33808

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega K^*D^+D^-\bar{D}^{*-})$	27115	26662	1	33809
27117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^+D^-)$	27116	26663	1	33810
27118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^-)$	27117	26664	1	33811
27119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^+K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	27118	26665	1	33812
27120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^{*0}, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to \rho^+\omega K^0K^0K^-D^-D^{*+}D^{*0})$	27119	26666	1	33813
27121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}D^{*0})$	27120	26667	1	33814
27122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	27121	22017	1	33815
27123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^+D_2^{*-})$	27122	26668	1	33816
27124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-p\bar{\Sigma}_c^{*0}, B^0 \to \pi^0K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-K^*D^+\bar{D}^{*-}p\bar{\Sigma}_c^{*0})$	27123	26669	1	33817
27125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-K^{*+}D^{*+}D^0\bar{D}^{*0})$	27124	26670	1	33818
27126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+D_s^{*-}, \bar{B}^0 \to \rho^0\eta D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\eta K^+D^0D_s^{*-})$	27125	26671	1	33819
27127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{p}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+D^-\bar{p}\Delta^+)$	27126	26672	1	33820
27128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-D^+\bar{D}^{*-}p\bar{p})$	27127	26673	1	33821
27129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-, \bar{B}^0 \to \pi^0K^+K^-D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^+K^-D^{*+}D^0D_s^-D_s^{*-})$	27128	26674	1	33822
27130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \omega D^+D_s^{*-}\bar{n}\Sigma_c^0)$	27129	26675	1	33823
27131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \rho^0\rho^0\omega\omega$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\omega\omega D_1'^-)$	27130	26676	1	33824
27132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*0})$	27131	26677	1	33825

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^-\omega\omega D^+\bar{D}^{*-}D_s^{*+})$	27132	26678	1	33826
27134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^+\rho^-\rho^-\rho^-D^-D^{*+})$	2609	2603	1	33827
27135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^+, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to \pi^0K^+D^-D^-D^{*0}D_s^+)$	27134	26680	1	33828
27136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^0K^-D^-D^{*+})$	27135	26681	1	33829
27137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-D^{*+}D_2^{*-})$	27136	26682	1	33830
27138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^+\eta D^-$ $(e^+e^- \to \pi^+\eta D^-\bar{D}^{*-}D_{s1}'^+)$	27137	26683	1	33831
27139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \eta K^0K^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	27138	26684	1	33832
27140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\bar{D}^{*-}D_s^+\bar{n}\Sigma_c^{*0})$	27139	26685	1	33833
27141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\eta\omega K^*D^+D^+D^-)$	27140	26686	1	33834
27142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+\bar{D}^{*-}D_s^{*+})$	27141	26687	1	33835
27143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega D^+D^-\bar{\Delta}^-\Delta^0)$	27142	26688	1	33836
27144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^+\bar{D}^{*-}p\bar{p})$	27143	26689	1	33837
27145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0K^+K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	27144	26690	1	33838
27146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^{*-}\bar{\Delta}^-\Lambda, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Lambda)$	27145	26691	1	33839
27147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\bar{D}^{*0}D_s^+, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^-\rho^-\omega D^+\bar{D}^{*0}D_s^+\gamma)$	27146	26692	1	33840
27148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\omega D^+D^0\bar{D}^0)$	27147	26693	1	33841
27149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	27148	26694	1	33842

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^- D^{*+}\bar{D}^0)$	27149	26695	1	33843
27151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^0\bar{K}^*D^+D^-)$	27150	26696	1	33844
27152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^0\bar{\Delta}^-\Delta^0)$	27151	26697	1	33845
27153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+D^-)$	27152	26698	1	33846
27154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^+K^+D^-\bar{D}^{*-}D^{*0})$	27153	26699	1	33847
27155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta\omega K^{*-}D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\omega K^{*-}\bar{D}^{*-}D^{*0})$	27154	26700	1	33848
27156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+D^-\bar{D}^{*-})$	27155	26701	1	33849
27157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+})$	27156	26702	1	33850
27158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	27157	2289	1	33851
27159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^{*0}D_s^{*-}$ $(e^+e^- \to \rho^+K^0D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-})$	2610	2604	1	33852
27160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\eta\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\eta\eta D^+\bar{D}^{*-})$	27159	26704	1	33853
27161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \bar{B}^0 \to \pi^+\pi^-\omega K^*K^-\bar{\Sigma}^{*+}\Sigma^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\omega K^*K^-D^+\bar{\Sigma}^{*+}\Sigma^{*0})$	27160	26705	1	33854
27162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^+D^-p\bar{p})$	27161	26706	1	33855
27163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\bar{\Sigma}^{*0}\Xi_c^{*+}D_1'^-)$	27162	26707	1	33856
27164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0K^0D^-D^{*+}D^{*+})$	27163	26708	1	33857
27165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to \pi^+\pi^-\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*K^+D^-J/\psi)$	27164	26709	1	33858
27166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \eta\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \eta\bar{K}^0D^-\bar{D}^0D^{*0}a_1^+)$	27165	26710	1	33859

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^* K^+ \phi D_s^-, \bar{B}^0 \to \pi^0 \omega \bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0 \eta \omega \bar{K}^0 K^* K^+ \phi D_s^- J/\psi)$	27166	26711	1	33860
27168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-})$	27167	26712	1	33861
27169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*-})$	27168	15972	1	33862
27170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^+K^-D^-D^{*+})$	27169	26713	1	33863
27171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D^{*0})$	27170	26714	1	33864
27172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\omega K^0\eta', \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\rho^-\omega K^0\eta' D_1'^+)$	27171	26715	1	33865
27173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}p\bar{\Delta}^+D_1^+)$	27172	26716	1	33866
27174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^-\bar{K}^0\bar{K}^0K^{*+}K^{*+}D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^0K^{*+}K^{*+}D^-\bar{D}^{*-})$	27173	26717	1	33867
27175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^0\rho^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0K^0K^0K^-D^{*+}J/\psi)$	27174	26718	1	33868
27176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*+}D_s^{*+}D_s^{*-})$	27175	26719	1	33869
27177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega D^-D^0)$	27176	26720	1	33870
27178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\omega\omega K^0, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+\rho^-\omega\omega K^0D^+D_s^{*-})$	27177	26721	1	33871
27179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \eta'\bar{p}\Sigma_c^+$ $(e^+e^- \to \eta' D_2^{*-}D_s^+\bar{p}\Sigma_c^+)$	27178	26722	1	33872
27180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^+D^-\bar{n}p)$	27179	26723	1	33873
27181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^-D_s^{*+}D_1^-)$	27180	26724	1	33874
27182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_s^{*+}D_1'^-)$	27181	26725	1	33875
27183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\omega D^-D^{*0})$	27182	26726	1	33876

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	27183	7863	1	33877
27185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^{*+}\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-K^{*+}\eta_c)$	27184	26727	1	33878
27186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega D^+\bar{D}^{*-}D_s^{*-})$	2611	2605	1	33879
27187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to K_L J/\psi$ $(e^+e^- \to e^+\nu_e K_L J/\psi D_1'^-)$	27186	26729	1	33880
27188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\eta' D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta' D^+D^-)$	27187	26730	1	33881
27189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^-D^{*+})$	27188	26731	1	33882
27190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}, \bar{B}^0 \to \pi^-\eta K^0D^{*+}\bar{n}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+D^{*+}D_s^{*-}\bar{n}\Lambda)$	27189	26732	1	33883
27191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^{*+}K^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0K^{*+}K^{*-}\bar{D}^{*-})$	27190	26733	1	33884
27192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-p\bar{\Omega}_c^0, \bar{B}^0 \to \omega\omega D^0$ $(e^+e^- \to \omega\omega K^-D^0p\bar{\Omega}_c^0)$	27191	26734	1	33885
27193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-K^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^-D^-D^0D_s^{*+})$	27192	26735	1	33886
27194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\bar{K}^0K^*D^+\Delta^0\bar{\Sigma}_c^{*0})$	27193	26736	1	33887
27195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\Delta^0\bar{\Lambda}_c^-)$	27194	26737	1	33888
27196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^-K^-K^{*+}D^+\bar{D}^0)$	27195	26738	1	33889
27197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{n}\Sigma_c^+)$	27196	26739	1	33890
27198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta\omega\omega D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\omega\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^0)$	27197	26740	1	33891
27199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+D^-\bar{\Delta}^-\Delta^0)$	27198	26741	1	33892
27200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\omega\bar{D}^{*-}D_2^{*+}D_s^{*-})$	27199	26742	1	33893

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\rho^+\eta\bar{K}^*D^-\eta_c)$	27200	26743	1	33894
27202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}\bar{n}\Lambda_c^+)$	27201	26744	1	33895
27203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	27202	26745	1	33896
27204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	27203	26292	1	33897
27205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\eta\omega D^-D^-)$	27204	26746	1	33898
27206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^-D^+D^+\bar{D}^{*0}\bar{\Delta}^-\Delta^-)$	27205	26747	1	33899
27207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+D^{*0}D_s^-, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+K^0K^-D^{*+}D^{*0}D_s^-)$	27206	26748	1	33900
27208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to e^+\nu_e\pi^-D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	27207	26749	1	33901
27209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^{*+}J/\psi, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\omega K^{*+}D^{*+}J/\psi)$	27208	26750	1	33902
27210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\omega K^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^-D^{*+}D^{*0})$	27209	26751	1	33903
27211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{K}^*D^-D^-D^{*+})$	27210	26752	1	33904
27212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^0K^{*-}D^{*+}\bar{D}^{*-})$	27211	26753	1	33905
27213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+D^-)$	27212	26754	1	33906
27214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}D_s^{*-}\gamma)$	27213	26755	1	33907
27215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^-\pi^-K^0\bar{K}^*D^+D_s^+\bar{\Sigma}^+\Sigma^-)$	27214	26756	1	33908
27216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\psi(3770), \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}\psi(3770))$	27215	26757	1	33909
27217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\pi^-D^-D_2^{*+})$	27216	26758	1	33910

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} J/\psi, \bar{B}^0 \to \rho^+ K^{*-}$ $(e^+e^- \to \pi^-\rho^+ K^{*+} K^{*-} J/\psi)$	27217	26759	1	33911
27219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	27218	24929	1	33912
27220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\pi^-\rho^+ D^+ D^-)$	27219	26760	1	33913
27221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^0 D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0 D^+ D^- D_s^{*-})$	27220	26761	1	33914
27222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+ K^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^- K^- \bar{D}^{*-} D^{*0})$	27221	26762	1	33915
27223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^- K^0 K^{*-} D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0 K^{*-} D^+ \bar{D}^{*-})$	27222	26763	1	33916
27224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu \bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Delta}^+)$	27223	26764	1	33917
27225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^- K^0 D^+ D^- \bar{\Delta}^0\Sigma_c^{*+})$	27224	26765	1	33918
27226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Xi}_c'^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+} p\bar{\Xi}_c'^-)$	27225	26766	1	33919
27227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	27226	26767	1	33920
27228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \rho^+\Lambda\bar{\Xi}_c^{*-}$ $(e^+e^- \to \rho^+\rho^+\bar{D}^{*-}\Lambda\bar{\Xi}_c^{*-})$	27227	26768	1	33921
27229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+ K^{*-}$ $(e^+e^- \to \pi^0\rho^+ K^* K^{*-} D^{*+}\bar{D}^{*-})$	27228	26769	1	33922
27230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^- K^*\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^- K^*\bar{D}^{*0} D_1^+)$	27229	26770	1	33923
27231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-})$	27230	26771	1	33924
27232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^+\omega\omega\bar{K}^* D^- D^{*+}\bar{D}^{*-})$	27231	26772	1	33925
27233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \eta K^0 D^+ D^-, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^- D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^0 D^+ D^- D^-)$	27232	26773	1	33926
27234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0 K^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+ K^-\bar{D}^{*-} D^0)$	27233	26774	1	33927

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \pi^0 D^- D^{*+} D_s^+)$	27234	26775	1	33928
27236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0 D^+ D^-)$	27235	10133	1	33929
27237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \pi^- K^- K^{*+} D^+$ $(e^+e^- \to \pi^- K^* K^- K^{*+} D^+ D^+ D^-)$	27236	26776	1	33930
27238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta K^0 D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta K^0 D^+ D_s^{*-})$	27237	26777	1	33931
27239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* J/\psi, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+ K^* D^0 D_s^- J/\psi)$	27238	26778	1	33932
27240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\rho^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta' D^+ D^-)$	27239	26779	1	33933
27241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0)$	27240	26780	1	33934
27242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0 K^0 K^{*-} D^+ \bar{D}^{*-} D_s^{*+})$	27241	26781	1	33935
27243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-} D^0$ $(e^+e^- \to \rho^0\rho^+ K^+\bar{D}^{*-}\bar{D}^{*-} D^0)$	27242	26782	1	33936
27244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\rho^+\omega\omega D^- D^{*+} n\bar{p})$	27243	26783	1	33937
27245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\bar{\Delta}^-\Delta^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \eta K^0 D^+ D_s^- \bar{\Delta}^-\Delta^-)$	27244	26784	1	33938
27246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^- D^{*+} D^{*+} D_s^{*-})$	27245	26785	1	33939
27247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^-\rho^- D^{*+}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^- D^{*+}\bar{n}p D_1^-)$	27246	26786	1	33940
27248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\eta\omega K^{*-} D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^{*-}\bar{D}^{*-} D^{*0} D_s^{*+})$	27247	26787	1	33941
27249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\eta\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{D}^0 D_s^+)$	27248	26788	1	33942
27250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to K^+ D^- D^{*0} D_s^{*-} D_1^+)$	27249	26789	1	33943
27251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\omega\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+\omega D^{*+}\bar{\Delta}^+\Delta^{++})$	27250	26790	1	33944

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \rho^-\omega D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega\omega D^+D^-p\bar{p})$	27251	26791	1	33945
27253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0)$	27252	26792	1	33946
27254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^*$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\bar{K}^*D^+)$	27253	26793	1	33947
27255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+D^{*+}D_0^{*-})$	27254	26794	1	33948
27256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+D^+D^-D_s^{*-})$	27255	26795	1	33949
27257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^+D^{*0}D_s^-$ $(e^+e^- \to \rho^0\rho^+\eta\bar{K}^0K^+D^-D^{*0}D_s^-)$	27256	26796	1	33950
27258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta'D^-, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^*\eta'D^-D^-D^{*+})$	27257	26797	1	33951
27259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+K^-\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	27258	26798	1	33952
27260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-D^-\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-D^-D^{*+}\bar{n}p)$	27259	26799	1	33953
27261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	27260	26800	1	33954
27262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega K^*K^-D^{*+}$ $(e^+e^- \to \omega\bar{K}^0K^*K^-D^{*+}D^{*+}\bar{D}^{*-})$	27261	26801	1	33955
27263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*0})$	27262	26802	1	33956
27264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^{*+}D_s^-, \bar{B}^0 \to \pi^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^{*+}D_s^-J/\psi)$	27263	26803	1	33957
27265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta\eta\bar{K}^*K^+D^+\bar{D}^{*-})$	27264	26804	1	33958
27266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+})$	27265	26805	1	33959
27267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta K^0K^0K^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta K^0K^0K^-D^{*+})$	27266	26806	1	33960
27268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\rho^0\pi^+\eta D^-\bar{D}^{*-})$	27267	26807	1	33961

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^{*+})$	27268	26808	1	33962
27270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_1^0\psi', B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-K_1^0\psi')$	27269	26809	1	33963
27271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to K^0\bar{K}^*D^{*0}$ $(e^+e^- \to \rho^-\omega K^0\bar{K}^*D^+D^{*0})$	27270	26810	1	33964
27272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	27271	26811	1	33965
27273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0D^{*0}D_s^+D_s^{*-})$	27272	26812	1	33966
27274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^0\bar{D}^{*0}D_s^+)$	27273	26813	1	33967
27275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-D^{*+}\bar{D}^{*-}n\bar{p})$	27274	26814	1	33968
27276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^{*+}\bar{D}^{*-}D_1'^-)$	27275	26815	1	33969
27277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^0n\bar{n})$	27276	26816	1	33970
27278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to K^{*+}\bar{\Delta}^+\Xi_c^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega K^{*+}D^-\bar{\Delta}^+\Xi_c^0)$	27277	26817	1	33971
27279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	27278	26818	1	33972
27280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-D^{*0}D_1'^-)$	27279	26819	1	33973
27281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\eta D^+\bar{D}^{*-})$	27280	26820	1	33974
27282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+\bar{D}^{*-}a_1^+)$	2612	2606	1	33975
27283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, B^0 \to K^0D^-\bar{\Delta}^-\Lambda$ $(e^+e^- \to \pi^-K^0D^-\bar{D}^0D_s^{*+}\bar{\Delta}^-\Lambda)$	27282	26822	1	33976
27284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^+K^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-K^+K^-D^+D^-)$	27283	26823	1	33977
27285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^+D^-D_{s0}^{*+})$	27284	26824	1	33978

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta D^{*+}D^{*+})$	27285	26825	1	33979
27287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}D^{*0})$	27286	26826	1	33980
27288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^-)$	27287	26827	1	33981
27289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*0})$	27288	26828	1	33982
27290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega\omega D^{*+}\bar{D}^{*-})$	27289	26829	1	33983
27291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \bar{K}_1^0\psi(3770)$ $(e^+e^- \to \pi^-K^+\eta_c\bar{K}_1^0\psi(3770))$	27290	26830	1	33984
27292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^+, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\bar{K}^*D^+D^-D^{*+})$	27291	26831	1	33985
27293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+D^-D^{*+}D_s^{*-})$	27292	26832	1	33986
27294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega K^{*+}D^+\bar{D}^{*-}D^{*0})$	27293	26833	1	33987
27295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-D^-\bar{\Delta}^0\Delta^{++}, \bar{B}^0 \to \eta\bar{K}^0\eta_c$ $(e^+e^- \to \pi^-\eta\bar{K}^0D^-\eta_c\bar{\Delta}^0\Delta^{++})$	27294	26834	1	33988
27296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*0})$	27295	26835	1	33989
27297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\omega\omega\bar{K}^0D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\omega\omega\bar{K}^0\bar{D}^{*-}D^0)$	27296	26836	1	33990
27298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to D_s^{*+}D_1^-$ $(e^+e^- \to \bar{D}^{*-}D_s^{*+}D_1^-a_1^+)$	27297	26837	1	33991
27299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0D^-\bar{D}^0D^{*0})$	27298	26838	1	33992
27300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\eta_c, B^0 \to e^+\nu_eX_u^-$ $(e^+e^- \to e^+\nu_eX_u^-K^0\eta_c)$	27299	26839	1	33993
27301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*0})$	27300	26840	1	33994
27302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^+\rho^-\eta K^-D^-\bar{D}^0D^{*0})$	27301	26841	1	33995

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^{*+}D^-D^{*+})$	27302	26842	1	33996
27304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to a_1^+a_1^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+a_1^+a_1^-)$	27303	26843	1	33997
27305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^0D^{*+}D_s^-D_s^{*+}D_s^{*-})$	27304	26844	1	33998
27306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^0\pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+D^{*+}n\bar{p})$	27305	26845	1	33999
27307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^*D^+D^{*+}D_s^{*-})$	27306	26846	1	34000
27308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0K^{*+}D^+D^-)$	27307	26847	1	34001
27309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^+\omega\bar{K}^0D^-D^0\bar{D}^0)$	27308	26848	1	34002
27310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}n\bar{\Sigma}_c^0)$	27309	26849	1	34003
27311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^+, B^0 \to \pi^+\eta K^0K^*K^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^0K^*K^-D^-D_s^+)$	27310	26850	1	34004
27312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	27311	26851	1	34005
27313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^*K^{*+}D^+\bar{D}^{*-}D^0)$	27312	26852	1	34006
27314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	27313	26853	1	34007
27315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^+\omega D^-\bar{D}^{*-})$	27314	26854	1	34008
27316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_{s1}'^+)$	27315	26855	1	34009
27317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\eta K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\eta\eta K^*K^-D^+D^-)$	27316	26856	1	34010
27318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0D^{*0}\bar{\Delta}^+\Sigma^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^{*0}\bar{\Delta}^+\Sigma^{*+})$	27317	26857	1	34011
27319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega D^{*+}D^{*+}D_{s1}'^-)$	27318	26858	1	34012

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\omega\bar{K}^0K^{*+}D^-D^0)$	27319	26859	1	34013
27321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+D^+D^+a_1^-)$	27320	26860	1	34014
27322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}D^{*0})$	27321	26861	1	34015
27323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \eta K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\eta K^*K^-D^+D^-D_s^+)$	27322	26862	1	34016
27324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\bar{n}\Xi_c'^+$ $(e^+e^- \to \pi^-\bar{K}^0K^{*+}D^-\bar{n}\Xi_c'^+)$	27323	26863	1	34017
27325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^-K^{*+}\bar{D}^0D^{*0})$	27324	26864	1	34018
27326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to K^0D_2^{*+}D_s^-D_s^-D_s^{*+})$	27325	26865	1	34019
27327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+D^-D_1'^+)$	27326	26866	1	34020
27328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0K^{*-}D^-D^{*+}\bar{\Delta}^+\Delta^{++})$	27327	26867	1	34021
27329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0D^+D^0\bar{D}^{*0})$	27328	26868	1	34022
27330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\eta D^+\Delta^+\bar{\Xi}_c^{*0})$	27329	26869	1	34023
27331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+D^{*+}D_s^{*-})$	27330	26870	1	34024
27332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+\rho^+\omega K^{*-}D^-\eta_c)$	27331	26871	1	34025
27333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	27332	26872	1	34026
27334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to K^0K^0\bar{K}^*$ $(e^+e^- \to K^0K^0\bar{K}^*D_2^{*-}D_s^{*+})$	27333	26873	1	34027
27335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\psi', B^0 \to \pi^0\pi^-K^+\chi_{c2}$ $(e^+e^- \to \pi^0\pi^-K^*K^+\chi_{c2}\psi')$	27334	26874	1	34028
27336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+K^+K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^+K^+K^{*-}D^+\bar{D}^0D_s^{*-})$	27335	26875	1	34029

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^+K^-D^-D^{*+})$	27336	26876	1	34030
27338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\rho^-K^0K^+K^-$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-K^0K^+K^-D^-)$	2613	2607	1	34031
27339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^-\rho^+\eta\eta\bar{K}^0D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\eta\eta\bar{K}^0D^{*+}D^{*0})$	27338	26878	1	34032
27340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^-D^{*+}\bar{D}^{*-})$	27339	26879	1	34033
27341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0K^-D^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-K^-D^+\bar{D}^0\bar{D}^{*0})$	27340	26880	1	34034
27342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\omega D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	2614	2608	1	34035
27343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^0D_{s0}^{*-})$	27342	26882	1	34036
27344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_0^{*+})$	27343	26883	1	34037
27345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{K}^0D^-D^{*+}D^{*0})$	27344	26884	1	34038
27346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^-\omega D^+\bar{D}^{*0})$	27345	26885	1	34039
27347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\bar{D}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-\bar{D}^0)$	118	118	1	34040
27348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-K^0K^-D^+\bar{D}^{*-})$	27347	26887	1	34041
27349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+D^{*+}D^{*0})$	27348	26888	1	34042
27350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\eta\omega\bar{D}^{*-}D^{*0})$	27349	26889	1	34043
27351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+D^-D^{*+})$	27350	26890	1	34044
27352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu D^+\Delta^-\bar{\Delta}^0D_1^-)$	27351	26891	1	34045
27353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\eta\omega D^+D^{*+})$	27352	26892	1	34046

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^+ D^0 D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+ D^+ D^0 D_s^{*-})$	27353	26893	1	34047
27355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^-\rho^+\omega K^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\omega K^{*+} D^- \bar{D}^{*-})$	27354	26894	1	34048
27356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^0\rho^- K^+ D^0 \bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^- K^+ D^0 \bar{D}^{*0} D_1'^-)$	27355	26895	1	34049
27357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^-\eta D^+)$	27356	26896	1	34050
27358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^* \bar{K}^* K^{*+} D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \bar{K}^0 K^* \bar{K}^* K^{*+} D^- D^{*+} D_s^{*-})$	27357	26897	1	34051
27359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \rho^0\eta D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\eta D^- D^0)$	27358	26898	1	34052
27360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^+ K^-\phi\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^-\phi D^- \bar{D}^{*-} D_s^{*+})$	27359	26899	1	34053
27361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to \pi^- K^+ D^-\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^+\pi^-\omega K^+ D^- D^-\bar{p}\Delta^{++})$	27360	26900	1	34054
27362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \bar{K}^0\bar{K}^0\bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-} D_s^{*+}p\bar{p})$	27361	26901	1	34055
27363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta' D^{*+}\bar{D}^{*-})$	27362	26902	1	34056
27364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^-\omega\eta' D^+$ $(e^+e^- \to \pi^-\omega K^+\eta' D^+\bar{D}^{*-} D^{*0})$	27363	26903	1	34057
27365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^{*+} D_0^{*-})$	27364	26904	1	34058
27366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+ K^- D^- D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ K^- D^- D^{*+} D^{*+})$	27365	26905	1	34059
27367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta\bar{D}^{*-} D_s^{*+} n\bar{n})$	27366	26906	1	34060
27368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \pi^-\rho^+ K^- K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^-\rho^+ K^- K^{*+} K^{*-} D^+ D_s^{*+} D_1^-)$	27367	26907	1	34061
27369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	27368	26908	1	34062
27370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^+ K^{*-} D^- D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+ K^{*-} D^- D^- D^0)$	27369	26909	1	34063

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \omega K^* K^- D^{*+}$ $(e^+e^- \to e^+\nu_e \omega K^* K^- D^- D^{*+})$	27370	26910	1	34064
27372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to K^0 D^{*+}\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^- K^0 D^{*+}\bar{D}^{*0}\bar{\Delta}^+\Sigma^0)$	27371	26911	1	34065
27373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta D^{*+} n\bar{\Lambda}_c^-)$	27372	26912	1	34066
27374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^- D^+ D_s^- D_1'^-)$	27373	26913	1	34067
27375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_2^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta' D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\eta' D^+ D_2^{*+})$	27374	26914	1	34068
27376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K_S\psi', B^0 \to e^+\nu_e D^-$ $(e^+e^- \to e^+\nu_e K_S D^-\psi')$	27375	26915	1	34069
27377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+})$	27376	26916	1	34070
27378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\psi', \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0 K_L\pi^+\pi^-\rho^- D^+\psi')$	27377	26917	1	34071
27379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^* D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^0\bar{K}^* D^- D^{*+}\bar{D}^{*-})$	27378	26918	1	34072
27380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\eta\bar{D}^0 D_1'^+)$	27379	26919	1	34073
27381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+ D^+ D^-, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+ K^* K^- D^+ D^- D^{*+})$	27380	26920	1	34074
27382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^-\pi^- K^+ D^+\bar{n}\Lambda$ $(e^+e^- \to \pi^-\pi^- K^+ D^+\bar{D}^{*-}\bar{n}\Lambda a_1^+)$	27381	26921	1	34075
27383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^{*+} D^-, \bar{B}^0 \to K^* K^{*-} D^+$ $(e^+e^- \to \bar{K}^0 K^* K^{*+} K^{*-} D^+ D^-)$	27382	26922	1	34076
27384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\chi_{c1}$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}\chi_{c1})$	27383	26923	1	34077
27385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{K}^* K^+ D_s^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^*\bar{K}^* K^+ D^{*+}\bar{D}^{*-} D_s^-)$	27384	26924	1	34078
27386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \pi^+\eta\omega\bar{D}^{*-}\bar{K}_1^0\psi')$	27385	26925	1	34079
27387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^- D^+ D^-)$	27386	12320	1	34080

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0 K^+ D^+ \bar{D}^{*-} D^{*0} D_s^{*-})$	27387	26926	1	34081
27389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \bar{K}^0 D^0 \bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- \bar{K}^0 D^0 D^{*0} \bar{D}^{*0})$	27388	26927	1	34082
27390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\omega\bar{D}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^0)$	27389	26928	1	34083
27391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \omega\bar{K}^* K^{*+} D^-, B^0 \to \pi^+\pi^-\bar{K}^0 K^+ D^-$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{K}^* K^+ K^{*+} D^- D^-)$	27390	26929	1	34084
27392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega K^+ K^- D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega K^+ K^- D^- D_s^-)$	27391	26930	1	34085
27393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\omega D^+, \bar{B}^0 \to \pi^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega D^+ D^{*+} n\bar{n})$	27392	26931	1	34086
27394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^- D^{*+}\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^- D^{*+}\Lambda\bar{\Sigma}^0)$	27393	26932	1	34087
27395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^- K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^- K^{*+} D^- D^{*+})$	27394	26933	1	34088
27396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^+ D^+ \bar{D}^{*-} D_s^{*-})$	27395	26934	1	34089
27397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to K^{*-} D^+ \bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau K^{*-} D^+ D^- \bar{D}^0)$	27396	26935	1	34090
27398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\rho^-\omega D^{*+})$	27397	26936	1	34091
27399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\rho^- K^0\bar{K}^0\bar{D}^{*-}\bar{n}\Lambda_c^+)$	27398	26937	1	34092
27400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-})$	27399	26938	1	34093
27401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\eta\omega D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-})$	27400	26939	1	34094
27402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\eta D^+ D^-)$	27401	26940	1	34095
27403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+ K_1^0\psi')$	27402	26941	1	34096
27404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+ K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^- K^- D^-\bar{D}^{*0})$	27403	26942	1	34097

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0D^-D^-D^{*+})$	27404	26943	1	34098
27406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0\bar{n}\Delta^0)$	27405	26944	1	34099
27407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+})$	27406	26945	1	34100
27408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	27407	26946	1	34101
27409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega K^+D^{*+}J/\psi)$	27408	26947	1	34102
27410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+}D_s^-)$	27409	26948	1	34103
27411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0\bar{K}^0D^{*+}D_2^{*-}D_s^{*+})$	27410	26949	1	34104
27412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+D^+D^-D_s^-)$	27411	26950	1	34105
27413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0K^0D^+D_s^-J/\psi)$	27412	26951	1	34106
27414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+})$	27413	1678	1	34107
27415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	27414	15648	1	34108
27416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-\eta D^-D^{*+})$	27415	26952	1	34109
27417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	27416	26953	1	34110
27418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}\bar{\Delta}^-n)$	27417	26954	1	34111
27419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^+n\bar{p}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^-\omega\omega D^+D^{*+}n\bar{p})$	27418	26955	1	34112
27420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}\chi_{c0})$	27419	26956	1	34113
27421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^-D^{*+})$	27420	26957	1	34114

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^- D^{*+})$	27421	26958	1	34115
27423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-}D_s^+)$	27422	26959	1	34116
27424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}n\bar{\Delta}^{++})$	2616	2610	1	34117
27425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^+D_1'^-, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\bar{D}^{*-}D_s^+D_1'^-)$	27424	26961	1	34118
27426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^0)$	27425	26962	1	34119
27427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*+}K^{*-}D^-, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^+\bar{K}^0K^{*+}K^{*-}D^-D_s^+D_s^-)$	27426	26963	1	34120
27428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	27427	26964	1	34121
27429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-K^+K^-\phi D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-K^+K^-\phi D^+\bar{D}^{*-})$	27428	26965	1	34122
27430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	27429	26966	1	34123
27431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \rho^+D^0D_s^+D_s^{*-}D_1^-)$	27430	26967	1	34124
27432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^+K^+K^-D^-D^{*+}D^0)$	27431	26968	1	34125
27433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}D^0D_s^{*-})$	27432	26969	1	34126
27434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}\gamma)$	27433	26970	1	34127
27435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}D^{*+}a_1^-)$	27434	26971	1	34128
27436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*-})$	27435	26972	1	34129
27437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to \omega D^0p\bar{p}$ $(e^+e^- \to \pi^-\omega K^{*+}D^0\eta_c p\bar{p})$	27436	26973	1	34130
27438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0D_2^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	27437	26974	1	34131

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-\bar{D}^{*0}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	27438	26975	1	34132
27440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}D^0D_s^-\bar{n}p)$	27439	26976	1	34133
27441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^-D^{*+}D^{*+})$	27440	26977	1	34134
27442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta' D^{*+}n\bar{n}D_1'^-)$	27441	26978	1	34135
27443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\eta K^0K^-D^-, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^+\rho^+\eta K^0K^*K^-K^-D^+D^-)$	27442	26979	1	34136
27444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^0\bar{K}^0D^+D^-$ $(e^+e^- \to \rho^0\bar{K}^0D^+D^-D^-D_{s1}'^+)$	27443	26980	1	34137
27445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^0D^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^-\eta\omega K^0D^+D^{*+})$	27444	26981	1	34138
27446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+D^+)$	27445	26982	1	34139
27447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0D^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	27446	26983	1	34140
27448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \omega K^+D^-D^0$ $(e^+e^- \to e^+\nu_e\omega K^+D^-\bar{D}^{*-}D^0)$	27447	26984	1	34141
27449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\eta K^-D^-D^{*+}\bar{D}^0)$	27448	26985	1	34142
27450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0K_L\rho^+\omega\bar{D}^{*-}\psi')$	27449	26986	1	34143
27451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega D^-n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\omega D^-D^{*+}n\bar{p})$	27450	26987	1	34144
27452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^-K^+D^{*+}D_s^{*-}\bar{\Sigma}^+\Sigma^-)$	27451	26988	1	34145
27453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^{*+}D_s^{*+})$	27452	26989	1	34146
27454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0\bar{K}^0K^*, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^0K^*\bar{D}^{*0})$	27453	26990	1	34147
27455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+\bar{D}^{*-})$	27454	26991	1	34148

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^- n, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \bar{D}^{*-} D_2^{*+}\bar{\Delta}^- n)$	27455	26992	1	34149
27457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, B^0 \to \pi^+\pi^+\omega K^0K^{*-}D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\omega\omega K^0K^{*-}D^-D^-)$	27456	26993	1	34150
27458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D_2^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D_2^{*+}\bar{D}^0D^{*0})$	27457	26994	1	34151
27459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\Delta^+\bar{\Sigma}_c^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^{*0}\Delta^+\bar{\Sigma}_c^{*-})$	27458	26995	1	34152
27460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D_2^{*-}D_s^+D_0^{*+})$	27459	26996	1	34153
27461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	27460	26997	1	34154
27462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p})$	27461	26998	1	34155
27463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^0D_1^-)$	27462	26999	1	34156
27464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	27463	27000	1	34157
27465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	27464	27001	1	34158
27466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_1'^+)$	27465	27002	1	34159
27467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\omega D^+\bar{D}^{*-})$	27466	27003	1	34160
27468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0K^-K^{*+}D^{*+}\bar{D}^{*0})$	27467	27004	1	34161
27469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega D^-D_1'^-)$	27468	27005	1	34162
27470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega\bar{K}^0D^+D^{*+}\bar{D}^{*0})$	27469	27006	1	34163
27471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^0K^0\bar{K}^0K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0K^0\bar{K}^0K^-D^{*+}\bar{D}^{*-}D_s^{*-})$	27470	27007	1	34164
27472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	27471	25320	1	34165

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^*\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^*\phi D^+\bar{D}^{*-})$	27472	27008	1	34166
27474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*-}D^{*+}\bar{D}^{*0}D_0^{*+})$	27473	27009	1	34167
27475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \rho^-K^0D^{*+}D^0\bar{D}^0\Delta^+\bar{\Delta}^+)$	27474	27010	1	34168
27476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0K^-D^-D^{*+})$	27475	27011	1	34169
27477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-})$	27476	27012	1	34170
27478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^-D^+D^-\bar{D}^{*-})$	27477	27013	1	34171
27479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	27478	27014	1	34172
27480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-K^{*-}D^{*+}D^{*+})$	27479	27015	1	34173
27481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^-\omega K^+\eta_c$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^+D^-\eta_c)$	27480	27016	1	34174
27482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0K^-D^+\bar{D}^{*-})$	27481	12679	1	34175
27483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to K^-D^+D^{*+}\bar{D}^{*0}\Sigma^-\bar{\Sigma}^0)$	27482	27017	1	34176
27484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta D^{*+}D_1'^-)$	27483	27018	1	34177
27485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0)$	27484	27019	1	34178
27486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-K^{*-}\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\eta K^0K^{*-}D^-D^{*+}\bar{n}\Lambda_c^+)$	27485	27020	1	34179
27487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	27486	27021	1	34180
27488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\chi_{c0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^*D^+\bar{D}^{*-}\chi_{c0})$	27487	27022	1	34181
27489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0D^{*+}D_s^{*+}D_s^{*-})$	27488	27023	1	34182

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*0}D_s^+)$	27489	27024	1	34183
27491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-D_2^{*-}\bar{\Delta}^0\Sigma_c^{*+})$	27490	27025	1	34184
27492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0K^0D^{*+}D_s^-$ $(e^+e^- \to \rho^0\rho^+K^0D^-D^{*+}D_s^-)$	27491	27026	1	34185
27493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-K^+D^-D^0D_0^{*+})$	27492	27027	1	34186
27494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^-\eta D^-D^{*+})$	27493	27028	1	34187
27495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^0D^{*0})$	27494	27029	1	34188
27496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}^+, B^0 \to D_2^{*-}D_s^+$ $(e^+e^- \to \bar{D}^{*-}D_2^{*-}D_s^+D_{s1}^+)$	27495	27030	1	34189
27497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^-D^+\Delta^-\bar{\Delta}^0p\bar{\Sigma}_c^0)$	27496	27031	1	34190
27498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\bar{K}^0K^{*+}D^-D^{*+})$	27497	27032	1	34191
27499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^0D^-, B^0 \to \pi^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\omega D^-D^-)$	27498	27033	1	34192
27500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta\eta\bar{K}^0K^+K^-K^{*+}D^+D^-)$	27499	27034	1	34193
27501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	27500	27035	1	34194
27502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^0)$	27501	27036	1	34195
27503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Sigma}^-)$	27502	27037	1	34196
27504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0D^-D^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^0D^-D^0\bar{\Delta}^+\Sigma_c^{*+})$	2617	2611	1	34197
27505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^-D^{*+}D_s^+)$	27504	27039	1	34198
27506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}D_{s1}'^-)$	27505	12111	1	34199

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-})$	27506	27040	1	34200
27508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	27507	27041	1	34201
27509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^+\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*D^-\bar{D}^{*-}a_1^+)$	27508	27042	1	34202
27510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}D^{*0})$	27509	27043	1	34203
27511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\eta\bar{K}^*K^{*+}D^-D_2^{*+})$	27510	27044	1	34204
27512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D^0)$	27511	27045	1	34205
27513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\omega D_2^{*+}D^{*0})$	27512	27046	1	34206
27514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^0K^+K^{*-}D^-D^0\bar{D}^{*0})$	27513	27047	1	34207
27515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0D^{*+}\bar{D}^{*-}D_s^+D_s^{*-})$	27514	27048	1	34208
27516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	27515	27049	1	34209
27517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-})$	27516	27050	1	34210
27518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^{*+}D_1'^-)$	27517	27051	1	34211
27519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^-D^-\bar{p}\Sigma_c^{++})$	27518	27052	1	34212
27520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^*K^-D^+\bar{D}^{*-})$	27519	27053	1	34213
27521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta D^-D^{*0}D_s^{*-})$	27520	27054	1	34214
27522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{D}^0, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\eta K^*K^{*-}D^{*+}\bar{D}^0)$	27521	27055	1	34215
27523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^0K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^0K^*\bar{K}^*K^-D^{*+}\bar{D}^{*-})$	27522	27056	1	34216

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	27523	27057	1	34217
27525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^-\bar{D}^{*-})$	27524	27058	1	34218
27526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^-D^{*+})$	27525	27059	1	34219
27527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-D^{*+})$	27526	27060	1	34220
27528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0D_s^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^0\rho^+K^0K^-D^{*+}\bar{D}^0D_s^{*-})$	27527	27061	1	34221
27529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta'D^-D^{*+})$	27528	27062	1	34222
27530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta K^+D^{*+}\bar{D}^{*-}D^{*0})$	27529	27063	1	34223
27531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta_c, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^+\eta_c)$	27530	27064	1	34224
27532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_0^{*+}\gamma)$	27531	27065	1	34225
27533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^*K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-K^*K^+K^-D_2^{*+}\bar{D}^{*0})$	27532	27066	1	34226
27534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*0})$	27533	27067	1	34227
27535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \pi^0\eta K^0K^-D^+p\bar{\Sigma}_c^-)$	27534	27068	1	34228
27536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^-K^0D^+\bar{p}\Sigma^+$ $(e^+e^- \to \pi^-K^0D^+\bar{D}^{*-}\bar{p}\Sigma^+a_1^+\gamma)$	27535	27069	1	34229
27537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}D_s^+)$	27536	9601	1	34230
27538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*\bar{K}^*K^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*\bar{K}^*K^{*+}D^{*+})$	27537	27070	1	34231
27539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega\omega D^{*+}D^0\bar{D}^{*0})$	27538	27071	1	34232
27540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0\bar{K}^0K^+K^-D^-D^{*+})$	27539	27072	1	34233

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-D^{*+}D_{s1}^-)$	27540	27073	1	34234
27542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-})$	27541	27074	1	34235
27543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^-D^+D^{*+}\bar{D}^{*-})$	27542	27075	1	34236
27544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*0})$	27543	27076	1	34237
27545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-K^*\eta' D^+D^{*+}\bar{D}^{*-})$	27544	27077	1	34238
27546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-\rho^-D^-D^{*+}\bar{\Delta}^-\Delta^0)$	27545	27078	1	34239
27547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta' D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta' D^+D^-)$	27546	27079	1	34240
27548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \bar{K}^*D^-J/\psi a_1^+)$	27547	27080	1	34241
27549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-)$	27548	27081	1	34242
27550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \bar{K}^*\gamma$ $(e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^*D^-\gamma)$	27549	27082	1	34243
27551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^-K^{*+}D^-D^{*+})$	27550	27083	1	34244
27552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+}D_s^{*-})$	27551	27084	1	34245
27553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+D^{*+}\bar{D}^{*-}a_1^-)$	27552	27085	1	34246
27554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \rho^-K^+K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	27553	27086	1	34247
27555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\rho^+\rho^-\bar{D}^{*-}, B^0 \to \rho^0\pi^+D^-p\bar{p}$ $(e^+e^- \to \rho^0\pi^+\rho^+\rho^+\rho^-D^-\bar{D}^{*-}p\bar{p})$	27554	27087	1	34248
27556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D_s^-n\bar{n}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^-K^+D_2^{*+}D_s^-n\bar{n})$	27555	27088	1	34249
27557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \rho^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta D^-D_2^{*-})$	27556	27089	1	34250

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\bar{K}^*K^+K^+K^-\bar{D}^{*-}D^{*0})$	27557	27090	1	34251
27559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, B^0 \to \pi^+\omega K^*K^-K^{*+}D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^*K^-K^{*+}D^-\bar{D}^{*0})$	27558	27091	1	34252
27560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}J/\psi)$	27559	27092	1	34253
27561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_{s1}'^+\gamma)$	27560	27093	1	34254
27562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+D^0D_s^{*-}D_1^-)$	27561	27094	1	34255
27563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_s^-)$	27562	27095	1	34256
27564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta K^0K^-D^+D^-)$	27563	27096	1	34257
27565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^0)$	27564	27097	1	34258
27566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-}\bar{p}\Delta^+)$	27565	27098	1	34259
27567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+D^-, B^0 \to \pi^-\phi D_s^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\phi D^-D_s^+)$	27566	27099	1	34260
27568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\rho^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\eta D^{*0})$	27567	27100	1	34261
27569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-})$	27568	27101	1	34262
27570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\rho^+\omega\omega\bar{K}^0D^+D^-D^-)$	27569	27102	1	34263
27571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\psi', \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK_SD^+\psi')$	27570	27103	1	34264
27572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0})$	27571	27104	1	34265
27573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta\omega D^+D^-D_s^{*-})$	27572	27105	1	34266
27574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^0\bar{K}^0D^+D^-)$	27573	27106	1	34267

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega\bar{p}\Lambda_c^+D_1^-)$	27574	27107	1	34268
27576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D_s^{*-}D_1^+)$	27575	27108	1	34269
27577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^-D^+D^-\bar{\Delta}^-\Delta^0)$	27576	27109	1	34270
27578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^{*+}\bar{D}^{*-})$	27577	7142	1	34271
27579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	27578	27110	1	34272
27580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \rho^+\rho^-\bar{K}^0\bar{K}^0K^+D^+D^-D^-)$	27579	27111	1	34273
27581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^-\bar{p}\Lambda_c^+)$	27580	27112	1	34274
27582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	27581	27113	1	34275
27583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	27582	6938	1	34276
27584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+\pi^+\pi^-\rho^-D^-)$	27583	27114	1	34277
27585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+\eta'D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+\eta'D^+D^-)$	27584	27115	1	34278
27586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D^{*+}\bar{\Delta}^-n)$	27585	27116	1	34279
27587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega D^-D^{*+}\bar{\Delta}^0\Delta^+)$	27586	27117	1	34280
27588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-}\eta_c)$	27587	27118	1	34281
27589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta D^+\bar{D}^{*-})$	27588	27119	1	34282
27590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D^{*0})$	27589	27120	1	34283
27591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+\bar{D}^{*-})$	27590	27121	1	34284

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^- D^{*+}\bar{n}p)$	27591	27122	1	34285
27593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\pi^-\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	27592	27123	1	34286
27594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\rho^-\omega D^+D^{*+})$	27593	27124	1	34287
27595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to K^*\bar{\Delta}^0\Xi_c^0$ $(e^+e^- \to \pi^+K^*\bar{D}^{*-}\bar{\Delta}^-\Delta^-\bar{\Delta}^0\Xi_c^0)$	27594	27125	1	34288
27596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{D}^0, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0D^{*+}\bar{D}^0)$	27595	27126	1	34289
27597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	27596	27127	1	34290
27598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega K^+D^{*+}\bar{D}^{*-}D^{*0})$	27597	27128	1	34291
27599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^{*-}D^{*+}D^{*+}\bar{D}^0)$	27598	27129	1	34292
27600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^*D^0\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^*\bar{K}^*D^+D^0\bar{D}^{*0})$	27599	27130	1	34293
27601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*\bar{D}^{*-}J/\psi)$	27600	27131	1	34294
27602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	27601	27132	1	34295
27603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \eta\omega\bar{K}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\eta\omega\bar{K}^0D^-D^{*0})$	27602	27133	1	34296
27604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta\omega\bar{D}^0, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\omega D^+\bar{D}^0D_{s0}^{*-})$	27603	27134	1	34297
27605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^0D^+D^{*+}\bar{D}^{*-})$	27604	27135	1	34298
27606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^+D^-D^{*+})$	27605	27136	1	34299
27607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	27606	27137	1	34300
27608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+}p\bar{p})$	27607	27138	1	34301

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^+D^-D^{*+}\bar{D}^{*0})$	27608	27139	1	34302
27610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^{*0}\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\eta\bar{K}^0D^-\bar{\Sigma}^{*0}\Sigma_c^{*0})$	27609	27140	1	34303
27611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-})$	27610	27141	1	34304
27612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-})$	27611	27142	1	34305
27613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{K}^0D^-D_s^{*+})$	27612	27143	1	34306
27614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-K^{*-}D^+D^-D^-)$	27613	27144	1	34307
27615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^0D_s^{*+})$	27614	27145	1	34308
27616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^{*+}D_s^-, \bar{B}^0 \to \pi^0\bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^*K^{*+}D^{*0}\bar{D}^{*0}D_s^-)$	27615	27146	1	34309
27617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0)$	27616	27147	1	34310
27618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\eta K^0K^-D^{*+}\bar{D}^{*-})$	27617	27148	1	34311
27619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-D^0)$	27618	27149	1	34312
27620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^-K_0^{*+}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0K^0K^-D^+D_s^{*-}K_0^{*+})$	27619	27150	1	34313
27621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^-D^+D_1^-)$	27620	27151	1	34314
27622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^{*+}D^{*+})$	27621	27152	1	34315
27623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^+\pi^-\rho^+\bar{K}^*n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^*J/\psi n\bar{p})$	27622	27153	1	34316
27624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\omega\bar{K}^0K^+D^-D^{*+})$	27623	27154	1	34317
27625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\rho^-\omega\omega D^+D^-)$	27624	20115	1	34318

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta K^0\bar{K}^0D^+\bar{D}^{*-})$	27625	27155	1	34319
27627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+D^-D_s^-)$	27626	27156	1	34320
27628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\Sigma^+\bar{\Xi}_c^-, \bar{B}^0 \to \pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^0\Sigma^+\bar{\Xi}_c^-)$	27627	27157	1	34321
27629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \omega\bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\omega\bar{K}^*K^+\bar{D}^{*-}D_0^{*-})$	27628	27158	1	34322
27630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\bar{D}^{*-}D^{*0})$	27629	27159	1	34323
27631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\rho^-K^0K^-D^+\bar{D}^{*-})$	27630	27160	1	34324
27632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0D^-D^-D^{*+})$	27631	27161	1	34325
27633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^0D_s^{*+}D_1^-)$	2618	2612	1	34326
27634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-K^0D^{*+}J/\psi)$	27633	27163	1	34327
27635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \rho^0D^0p\Delta^+\bar{\Delta}^+\bar{\Lambda}_c^-)$	27634	27164	1	34328
27636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^-\eta'D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^*K^-K^{*+}\eta'D^+\bar{D}^{*-})$	27635	27165	1	34329
27637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{K}^0K^*D^+\bar{D}^{*0})$	27636	27166	1	34330
27638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^+)$	27637	27167	1	34331
27639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0K^0K^{*-}D^{*+}\bar{D}^{*-})$	27638	27168	1	34332
27640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to D^-\bar{n}p$ $(e^+e^- \to D^-\bar{D}^{*-}\bar{n}pa_1^+)$	27639	27169	1	34333
27641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D_s^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+D^+D_s^-D_s^{*+})$	2619	2613	1	34334
27642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to \rho^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^-\rho^-\eta D^+\bar{D}^{*0}D_s^{*+}p\bar{p})$	27641	27171	1	34335

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-})$	27642	27172	1	34336
27644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^*\bar{K}^*D^+D^{*+})$	27643	27173	1	34337
27645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\omega K^0, \bar{B}^0 \to \phi D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0\phi D^+D_s^-)$	27644	27174	1	34338
27646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^+D^0\bar{D}^0)$	27645	27175	1	34339
27647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+D^-\bar{p}\Lambda, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^+K^+D^-D_s^-\bar{p}\Lambda D_1^+)$	27646	27176	1	34340
27648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\eta K^-D^-D^0\bar{D}^0)$	27647	27177	1	34341
27649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D_s^-D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^*D^+D^-D_s^-D_s^{*+})$	27648	27178	1	34342
27650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*0}\bar{p}\Delta^+$ $(e^+e^- \to \rho^+D^{*0}\Delta^0\bar{p}\Delta^+\bar{\Sigma}_c^-)$	27649	27179	1	34343
27651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0K^*\bar{K}^*D^-D^{*+})$	27650	27180	1	34344
27652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^-K^+K^-D^-D^{*+}\bar{\Delta}^-n)$	27651	27181	1	34345
27653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+})$	27652	27182	1	34346
27654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{D}^{*-}D^0)$	27653	27183	1	34347
27655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^0\eta D^-\bar{n}p$ $(e^+e^- \to \pi^0\eta K^+D^-\bar{D}^{*-}D^0\bar{n}p)$	27654	27184	1	34348
27656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^*\bar{\Delta}^0\Omega_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^*\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0})$	27655	27185	1	34349
27657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega D^-D^{*+})$	27656	27186	1	34350
27658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta\omega\omega\bar{D}^{*-}\gamma)$	27657	27187	1	34351
27659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	27658	27188	1	34352

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}\gamma)$	27659	27189	1	34353
27661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*0})$	27660	27190	1	34354
27662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0K^+D_s^-n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^+\bar{D}^{*-}D_s^-n\bar{n})$	27661	27191	1	34355
27663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^+\Sigma^0\bar{\Xi}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-D^+D^+\Sigma^0\bar{\Xi}^0)$	27662	27192	1	34356
27664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	2620	2614	1	34357
27665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\eta D^+D^-)$	27664	27194	1	34358
27666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega K^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega K^0D^-D^{*+})$	27665	27195	1	34359
27667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^0\bar{D}^{*0})$	27666	27196	1	34360
27668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	27667	27197	1	34361
27669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+})$	27668	27198	1	34362
27670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\bar{K}^0D^-D^{*+}D_1^+)$	27669	27199	1	34363
27671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^0\rho^0\rho^+\rho^-\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^+\rho^-\bar{D}^0D_1'^-)$	27670	27200	1	34364
27672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^-D^0)$	27671	27201	1	34365
27673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega\omega\omega\omega D^+D^-)$	27672	27202	1	34366
27674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta'D^+$ $(e^+e^- \to \pi^-K^*\eta'D^+D^{*+}\bar{D}^{*-})$	27673	27203	1	34367
27675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \pi^+\pi^-\rho^+\eta K^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^{*0}\chi_{c1})$	27674	27204	1	34368
27676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D_2^{*+}\bar{D}^0)$	27675	27205	1	34369

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^*\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	27676	27206	1	34370
27678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}D_{s1}'^{+})$	27677	27207	1	34371
27679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}\gamma)$	27678	27208	1	34372
27680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-D^-D^{*+}a_1^+)$	27679	27209	1	34373
27681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta D^-D^{*+})$	27680	27210	1	34374
27682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*0}n\bar{p}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^{*-}D^+\bar{D}^0\bar{D}^{*0}n\bar{p})$	27681	27211	1	34375
27683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	27682	27212	1	34376
27684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \rho^0\eta D^{*0}$ $(e^+e^- \to \rho^0\eta\bar{K}^0K^{*+}D^-D^{*0})$	27683	27213	1	34377
27685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0K^*K^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^*K^-D^{*+}D^{*+})$	27684	27214	1	34378
27686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^-\bar{D}^{*-}a_1^+\gamma)$	27685	27215	1	34379
27687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta'D^-, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^-K^{*+}\eta'D^-D^{*+})$	27686	27216	1	34380
27688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}\bar{D}^0D^{*0}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-K^{*+}K^{*-}D^{*+}\bar{D}^0\bar{D}^0D^{*0})$	27687	27217	1	34381
27689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to K^+\bar{p}\Omega_c^0$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}\bar{p}\Omega_c^0)$	27688	27218	1	34382
27690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta'D^+\bar{D}^{*0})$	27689	27219	1	34383
27691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^0)$	27690	27220	1	34384
27692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*\phi J/\psi, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta K^*\phi\bar{D}^{*-}J/\psi)$	27691	27221	1	34385
27693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_1'^{+}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0D_s^+D_s^{*-}D_1'^{+})$	27692	27222	1	34386

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^{*+}K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-K^{*+}K^{*-}D^{*+}\bar{D}^{*0})$	27693	27223	1	34387
27695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D_2^{*+}\bar{n}p)$	27694	27224	1	34388
27696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0})$	27695	27225	1	34389
27697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta'D^{*+}D_s^{*+}D_1'^-)$	27696	27226	1	34390
27698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^0K^-\phi D^+$ $(e^+e^- \to K^0K^-\phi D^+\bar{D}^{*-}D_{s1}'^+)$	27697	27227	1	34391
27699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-D^+D^-D_{s0}^{*-})$	27698	27228	1	34392
27700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^+\rho^-\bar{D}^{*-}D^0D_{s1}'^+)$	27699	27229	1	34393
27701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to K^*K^+K^-$ $(e^+e^- \to e^+\nu_eX_u^-K^*K^+K^-)$	27700	27230	1	34394
27702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^-\eta K^+K^-D^{*+}D_s^{*+}D_1'^-)$	27701	27231	1	34395
27703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta K^*D^{*+}\bar{D}^{*-})$	27702	27232	1	34396
27704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega\bar{D}^{*-}D^{*0})$	27703	27233	1	34397
27705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^*D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+K^*D^{*+}D^0)$	27704	27234	1	34398
27706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^0D^+\bar{D}^{*0})$	27705	27235	1	34399
27707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	2621	2615	1	34400
27708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega\omega$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\omega\omega\bar{D}^{*-})$	27707	27237	1	34401
27709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \eta\bar{K}^0D^+D^-$ $(e^+e^- \to e^+\nu_e\eta\eta\bar{K}^0D^+D^-D^-)$	27708	27238	1	34402
27710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta K^-D^0\bar{D}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta K^-\bar{D}^{*-}D^0\bar{D}^0)$	27709	27239	1	34403

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}p\bar{p}a_1^-)$	27710	27240	1	34404
27712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \phi D^+D_s^{*-}$ $(e^+e^- \to \rho^+\phi D^+D^-D_s^{*-})$	27711	27241	1	34405
27713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^+K^{*-}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega K^{*-}D^-\bar{D}^0)$	27712	27242	1	34406
27714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^{*+}D^-\bar{D}^{*-}D^0)$	27713	27243	1	34407
27715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-K^+D^+D^-D^{*+})$	27714	27244	1	34408
27716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-D^{*+}D_2^{*-}D_s^{*+})$	27715	27245	1	34409
27717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0D^{*+}\chi_{c1})$	27716	27246	1	34410
27718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\eta'D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-\eta\eta'D^{*+}D_2^{*+})$	27717	27247	1	34411
27719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0K^-D^+D^-)$	27718	27248	1	34412
27720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0K^0D^{*+}D^{*0}\bar{D}^{*0})$	27719	27249	1	34413
27721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	27720	27250	1	34414
27722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^+D^-D_{s1}'^-)$	27721	27251	1	34415
27723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to D^-D_s^-D_s^{*+}D_1^+)$	27722	27252	1	34416
27724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*-})$	27723	27253	1	34417
27725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+\bar{D}^{*-}D^0D^{*0})$	27724	27254	1	34418
27726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0\bar{K}^*K^+K^-D^-D^{*+})$	27725	27255	1	34419
27727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}a_1^+)$	27726	27256	1	34420

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^*D^-, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \pi^0\rho^+\rho^+K^*K^-D^-J/\psi)$	27727	27257	1	34421
27729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0\bar{K}^*D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+K^0\bar{K}^*D^{*0}D_0^{*-})$	27728	27258	1	34422
27730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	27729	27259	1	34423
27731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau a_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}a_1^+)$	27730	27260	1	34424
27732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0D^+\bar{D}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-\eta K^0D^+D_2^{*+}\bar{D}^0D_s^{*-})$	27731	27261	1	34425
27733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{D}^{*0})$	27732	27262	1	34426
27734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-D^{*+}D_1'^+)$	27733	27263	1	34427
27735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^+D^-)$	27734	27264	1	34428
27736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^+D^-a_1^+)$	27735	27265	1	34429
27737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^-D^{*+}D^{*+})$	27736	27266	1	34430
27738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^0D^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-\bar{D}^{*-}D_s^+)$	27737	27267	1	34431
27739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta K^+K^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta K^+K^-K^-D^-D^{*+}\bar{D}^0)$	27738	27268	1	34432
27740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	27739	27269	1	34433
27741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	27740	27270	1	34434
27742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	27741	27271	1	34435
27743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}a_1^+)$	27742	27272	1	34436
27744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^-K^{*+}D^{*+}D^{*+})$	27743	27273	1	34437

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \eta\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma_c^0)$	27744	27274	1	34438
27746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^*\bar{K}^*D^+D^-)$	27745	27275	1	34439
27747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D^{*0})$	27746	27276	1	34440
27748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+D_s^-\gamma)$	27747	27277	1	34441
27749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^+\rho^-D^-D^{*+})$	27748	27278	1	34442
27750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^+D_2^{*-}D_s^{*-})$	27749	27279	1	34443
27751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D_2^{*+}D_s^+)$	27750	27280	1	34444
27752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta'D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\eta'D^-D^{*+})$	27751	27281	1	34445
27753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \rho^-K^+K^{*-}\eta'D^{*+}$ $(e^+e^- \to \rho^-K^+K^{*-}\eta'D^-D^{*+}D_{s1}'^+)$	27752	27282	1	34446
27754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+K^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+K^-D^0D^0)$	27753	27283	1	34447
27755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\bar{D}^{*-}D^{*0}D_{s1}^+)$	27754	27284	1	34448
27756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^+)$	27755	27285	1	34449
27757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0K^0K^{*-}D^{*+}\bar{D}^0\bar{n}\Delta^0)$	27756	27286	1	34450
27758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-D^+\bar{p}\Delta^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\bar{p}\Delta^{++})$	27757	27287	1	34451
27759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0D^+D_s^{*+}n\bar{n})$	27758	27288	1	34452
27760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^{*0}D_s^{*+})$	27759	27289	1	34453
27761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \omega\bar{K}^*K^{*+}D^-D_2^{*+}D_s^{*-})$	27760	27290	1	34454

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, B^0 \to \pi^0\pi^+\pi^+K^*K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+K^*K^-D^-\bar{D}^{*-})$	27761	27291	1	34455
27763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to \rho^0K^*K^*\bar{K}^*$ $(e^+e^- \to \rho^0K^*K^*\bar{K}^*D^-D_{s0}^{*+})$	27762	27292	1	34456
27764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^0n\bar{p}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^0nn\bar{n}\bar{p})$	27763	27293	1	34457
27765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\omega D^{*+}\bar{D}^{*-}a_1^-)$	27764	27294	1	34458
27766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	27765	27295	1	34459
27767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K^+\bar{p}\Omega_c^0$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^+\bar{D}^{*-}\bar{p}\Omega_c^0)$	27766	27296	1	34460
27768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\bar{K}_0^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{D}^0D_s^{*+}\bar{K}_0^{*0})$	27767	27297	1	34461
27769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega D^+\bar{\Delta}^0\Sigma_c^{*0})$	27768	27298	1	34462
27770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+D^-\bar{p}\Lambda, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^*K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+K^{*+}D^-D^{*+}\bar{p}\Lambda)$	27769	27299	1	34463
27771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^-D^+D^{*+}\Delta^-\bar{\Delta}^0)$	27770	27300	1	34464
27772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^0D^{*+}D^{*0}\bar{D}^{*0})$	27771	27301	1	34465
27773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^0)$	27772	27302	1	34466
27774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}D_s^{*+}D_s^{*-})$	27773	27303	1	34467
27775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\rho^-\omega K^+D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\rho^-\omega K^+D^{*+}D^{*+})$	27774	27304	1	34468
27776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-$ $(e^+e^- \to \rho^0\pi^+\rho^+\omega\bar{K}^0D^-\bar{D}^{*-})$	27775	27305	1	34469
27777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-\omega\bar{K}^0D^+D_1^-)$	27776	27306	1	34470
27778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\rho^-D^+\bar{D}^{*-}n\bar{p})$	27777	27307	1	34471

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^0 D^{*+}\bar{D}^{*-}D^0)$	27778	27308	1	34472
27780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	27779	18671	1	34473
27781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^- K^0\chi_{c1}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}\chi_{c1})$	27780	27309	1	34474
27782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\omega K^+D^+\bar{D}^{*-}D^{*0})$	27781	27310	1	34475
27783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^+K^-K^{*+}D^+\bar{D}^{*-})$	27782	27311	1	34476
27784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+K^0K^-D^+\bar{D}^{*-})$	27783	27312	1	34477
27785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta\eta'\bar{D}^{*-}D_1^+)$	27784	27313	1	34478
27786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta' D^+$ $(e^+e^- \to \rho^0\pi^-K^0\eta' D^+D^{*+}\bar{D}^{*-})$	27785	27314	1	34479
27787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^-\pi^0\pi^0 D^{*+})$	27786	27315	1	34480
27788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\phi D^-, \bar{B}^0 \to \pi^+\pi^- D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\phi D^+D^-D_s^{*-})$	27787	27316	1	34481
27789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	27788	27317	1	34482
27790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^+\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0})$	27789	27318	1	34483
27791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^*D^+)$	27790	27319	1	34484
27792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	27791	27320	1	34485
27793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^{*-}D^+D^+D^-)$	27792	27321	1	34486
27794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^-D_2^{*+}D_s^{*-}\bar{n}p)$	27793	27322	1	34487
27795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-K^+K^-\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^+K^-\eta' D^+\Delta^0\bar{\Sigma}_c^0)$	27794	27323	1	34488

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D_2^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	27795	27324	1	34489
27797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+D^+D_2^{*-})$	27796	27325	1	34490
27798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	27797	5163	1	34491
27799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}D_0^{*+})$	27798	27326	1	34492
27800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega K^+K^-\bar{D}^{*-}D^{*0})$	27799	27327	1	34493
27801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^0\bar{K}^*D^+D^-)$	2622	2616	1	34494
27802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\omega K^0K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^*K^+K^{*-}D^+D^-)$	27801	27328	1	34495
27803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^{*0}D_1^-)$	27802	27329	1	34496
27804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^0K^*\bar{n}\Lambda, \bar{B}^0 \to \pi^0K^{*-}D^{*+}\bar{D}^{*0}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0K^*K^{*-}D^{*+}\bar{D}^{*0}\bar{n}\Lambda\gamma)$	27803	27330	1	34497
27805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\eta\eta K^0K^{*-}D^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\eta\eta K^0K^{*-}\bar{D}^{*-}D^0)$	27804	27331	1	34498
27806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^-\eta'D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^-\eta'D^+D^-)$	27805	27332	1	34499
27807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	27806	27333	1	34500
27808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*0}J/\psi)$	27807	27334	1	34501
27809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, B^0 \to \omega K^0D^+D^-$ $(e^+e^- \to \pi^0\rho^+\omega\omega K^0D^+D^-\bar{D}^{*-})$	27808	27335	1	34502
27810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0\rho^0\pi^+D^{*+}\bar{D}^{*-}D_s^-)$	27809	27336	1	34503
27811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta p\bar{p}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}p\bar{p})$	27810	27337	1	34504
27812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^{*+})$	27811	27338	1	34505

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta D^{*+}\Delta^0\bar{\Lambda}_c^-)$	27812	27339	1	34506
27814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+\gamma\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-}\gamma\gamma)$	27813	27340	1	34507
27815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \eta\bar{K}^0D^-D^{*+}n\bar{\Sigma}_c^0)$	27814	27341	1	34508
27816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	27815	27342	1	34509
27817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^+D_s^{*+}D_s^{*-})$	27816	27343	1	34510
27818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*+})$	27817	27344	1	34511
27819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}n\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^+\eta K^{*-}D^{*+}\bar{D}^{*-}n\bar{\Lambda})$	27818	27345	1	34512
27820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+D^+D^-\Delta^-\bar{n})$	27819	27346	1	34513
27821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+)$	27820	27347	1	34514
27822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-})$	27821	27348	1	34515
27823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^{*+})$	27822	27349	1	34516
27824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	27823	27350	1	34517
27825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^-K^0D^+D^+\bar{D}^0\Delta^-\bar{\Delta}^0)$	27824	27351	1	34518
27826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^-D^{*+})$	27825	27352	1	34519
27827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-D^-\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^+\rho^-D^-\gamma)$	27826	27353	1	34520
27828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	27827	27354	1	34521
27829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta K^*, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^*D^+)$	27828	27355	1	34522

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^{*-}D^-D^{*0}\bar{D}^{*0})$	2623	2617	1	34523
27831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_LJ/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_LJ/\psi D_0^{*+})$	27830	27357	1	34524
27832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\eta K^0K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\eta K^0K^-\bar{D}^{*-}\bar{D}^{*-})$	27831	27358	1	34525
27833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	27832	27359	1	34526
27834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \rho^+\rho^+\rho^-K^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-K^*K^{*-}D^{*0}J/\psi)$	27833	27360	1	34527
27835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to a_1^0a_1^0$ $(e^+e^- \to \rho^0\pi^+\eta\bar{D}^{*-}a_1^0a_1^0)$	27834	27361	1	34528
27836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*-}\bar{D}^0D^{*0})$	27835	27362	1	34529
27837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^-D^-)$	27836	27363	1	34530
27838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^+\bar{D}^{*0})$	27837	27364	1	34531
27839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^-)$	27838	27365	1	34532
27840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0K^0\bar{K}^0\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0K^0\bar{K}^0\bar{K}^*D^+D_0^{*-})$	27839	27366	1	34533
27841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}a_1^+)$	27840	27367	1	34534
27842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \bar{K}^0K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^-K^{*+}D^-D^{*0}D_s^+)$	27841	27368	1	34535
27843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+\bar{D}^{*-}D_0^{*+})$	27842	27369	1	34536
27844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\eta K^+D^+\bar{D}^{*-}D^{*0})$	27843	27370	1	34537
27845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+D^-, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^-K^+D^+D^-D^{*+}n\bar{p})$	27844	27371	1	34538
27846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega\omega D^+\bar{D}^{*-}D_s^+)$	27845	27372	1	34539

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^0\bar{D}^0)$	27846	27373	1	34540
27848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^-D^+D^{*+})$	27847	27374	1	34541
27849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \omega\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{p}\bar{\Sigma}^+\Sigma^-\Xi_c'^+)$	515	515	1	34542
27850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*0})$	27849	27376	1	34543
27851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}\bar{n}\Lambda_c^+)$	27850	27377	1	34544
27852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{K}^*K^+D^-, B^0 \to \rho^0\pi^+\pi^-\omega\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\bar{K}^*K^+D^-\bar{D}^{*0})$	2625	2619	1	34545
27853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0D^0$ $(e^+e^- \to \rho^+\omega\bar{K}^0\bar{D}^{*-}D^0)$	27852	27379	1	34546
27854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^0)$	27853	27380	1	34547
27855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta'D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\eta'D^-D_2^{*+})$	27854	27381	1	34548
27856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-D^{*+}D_2^{*-}D_s^+)$	27855	27382	1	34549
27857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*0})$	27856	27383	1	34550
27858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0\eta_c$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\eta_c)$	27857	27384	1	34551
27859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0K^-D^+\bar{D}^{*-})$	27858	27385	1	34552
27860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^{*0})$	27859	27386	1	34553
27861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^-\eta K^+D^-D^{*+}$ $(e^+e^- \to \pi^-\eta K^+K^+D^-D^{*+}\bar{D}^{*-}D^{*0})$	27860	27387	1	34554
27862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^+\Delta^0\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0D^+\bar{D}^{*-}\Delta^0\bar{p})$	2626	2620	1	34555
27863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^+D^{*+}\bar{D}^{*0})$	27862	14806	1	34556

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K_S D^-\eta_c)$	27863	27389	1	34557
27865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{p}\Delta^{++}, B^0 \to \pi^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\omega D^-\bar{D}^{*-}\bar{p}\Delta^{++})$	27864	27390	1	34558
27866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \eta D^{*+}\Delta^0\bar{\Sigma}_c^0 a_1^-)$	27865	27391	1	34559
27867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	27866	27392	1	34560
27868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}a_1^+)$	27867	27393	1	34561
27869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+D^-, \bar{B}^0 \to \pi^0\omega\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\omega\bar{K}^0\bar{K}^*D^+D^-D^0\bar{D}^0)$	27868	27394	1	34562
27870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-\gamma, \bar{B}^0 \to \pi^0\omega\bar{K}^0n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega\bar{K}^0D^+D_s^-n\bar{n}\gamma)$	27869	27395	1	34563
27871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \bar{D}^0\bar{p}\Delta^+$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}\bar{p}\Delta^+)$	27870	27396	1	34564
27872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^*D^{*+}D^0\bar{D}^0)$	27871	27397	1	34565
27873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	27872	27398	1	34566
27874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}\Lambda)$	27873	27399	1	34567
27875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\omega K^-D^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega\omega K^-K^-D^+D^-D^0)$	27874	27400	1	34568
27876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^{*0}, B^0 \to \pi^+\eta K^0D^-D^{*0}$ $(e^+e^- \to \pi^+\eta K^0K^{*+}D^-D^-D^{*0}D^{*0})$	27875	27401	1	34569
27877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+K^0K^0\bar{K}^*D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+K^0K^0\bar{K}^*D^-D^{*+})$	27876	27402	1	34570
27878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-})$	27877	27403	1	34571
27879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta'D^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\omega K^-\eta'D^+D^-\bar{D}^0)$	27878	27404	1	34572
27880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0K^-D^+D^{*0})$	27879	27405	1	34573

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+K^+, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\pi^0\pi^-\pi^-\rho^+K^+)$	27880	27406	1	34574
27882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^0)$	27881	27407	1	34575
27883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{p}\Lambda_c^+)$	27882	27408	1	34576
27884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^*K^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^0)$	27883	27409	1	34577
27885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D_2^{*-})$	27884	27410	1	34578
27886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\psi', \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega K^-D^{*+}\psi')$	27885	27411	1	34579
27887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	27886	27412	1	34580
27888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0\rho^+K^0\bar{K}^0K^*\bar{D}^{*-}\bar{n}\Xi_c'^0)$	27887	27413	1	34581
27889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Sigma^{*0}\bar{\Xi}^+, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \bar{K}^*D_s^{*-}\bar{\Delta}^+\Sigma^{*0}\bar{\Xi}^+\Lambda_c^+)$	27888	27414	1	34582
27890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\omega\bar{K}^0\bar{K}^0K^+D^-D^{*+})$	27889	27415	1	34583
27891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}\Delta^-\bar{n})$	27890	27416	1	34584
27892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\rho^+\rho^-D^+D_1^-)$	27891	27417	1	34585
27893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}n\bar{n})$	27892	27418	1	34586
27894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\omega D^{*+}D^{*+})$	27893	27419	1	34587
27895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+D^+D^-)$	27894	27420	1	34588
27896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^-\eta\eta\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\eta\omega D^+D^{*+})$	27895	27421	1	34589
27897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^*D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu K^*D^+D^-\bar{D}^{*-})$	27896	25369	1	34590

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	27897	7524	1	34591
27899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Xi}_c'^0, \bar{B}^0 \to K^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^0K^+\Delta^0\bar{p}\Xi_c'^0\bar{\Xi}_c'^0)$	27898	27422	1	34592
27900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^*D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*K^-D^{*+}D^0\bar{D}^0\bar{D}^0)$	27899	27423	1	34593
27901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \pi^-K^0D^+D^{*+}a_1^-)$	27900	27424	1	34594
27902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-n\bar{\Sigma}^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^-n\bar{\Sigma}^+)$	27901	27425	1	34595
27903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-K^+K^{*-}\bar{D}^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^+K^{*-}D^+\bar{D}^0D_s^-)$	27902	27426	1	34596
27904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-K^+K^{*-}D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\eta K^+K^{*-}D^{*+}D^{*+})$	27903	27427	1	34597
27905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^-D^{*+}\bar{\Delta}^0\Delta^+)$	27904	27428	1	34598
27906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to K^*\bar{\Sigma}^{*0}\Omega_c^0$ $(e^+e^- \to \rho^+K^*D^-\bar{\Sigma}^{*0}\Omega_c^0)$	27905	27429	1	34599
27907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to K^{*+}K^{*-}$ $(e^+e^- \to \eta K^{*+}K^{*-}\bar{D}^{*0})$	27906	27430	1	34600
27908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*0})$	27907	27431	1	34601
27909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-D^-D^{*+})$	2627	2621	1	34602
27910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^+K^-D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^+K^-\bar{D}^{*-}D^0D_s^{*-})$	27909	27433	1	34603
27911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	27910	27434	1	34604
27912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^0a_1^+)$	27911	27435	1	34605
27913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^+\eta K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	27912	27436	1	34606
27914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+})$	27913	27437	1	34607

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}a_1^-)$	27914	27438	1	34608
27916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \omega\bar{K}^0D^+D^-$ $(e^+e^- \to \omega\bar{K}^0D^+D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	27915	27439	1	34609
27917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \bar{K}^0K^+D^{*0}D_s^-$ $(e^+e^- \to e^+\nu_e\bar{K}^0K^+D^{*0}D_s^-D_1'^-)$	27916	27440	1	34610
27918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*0}\bar{n}\Lambda$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^-D^{*0}D_s^+\bar{n}\Lambda)$	27917	27441	1	34611
27919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \rho^-D^{*+}p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\rho^-D^{*+}p\bar{p})$	27918	27442	1	34612
27920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	27919	10539	1	34613
27921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\omega D^-$ $(e^+e^- \to \pi^+\omega D^-\bar{D}^{*-}D_s^{*+})$	27920	27443	1	34614
27922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-D^+D^0D_s^-)$	27921	27444	1	34615
27923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\omega K^0\bar{K}^0D^+\bar{D}^0)$	27922	27445	1	34616
27924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+D^-D^-D_s^{*+})$	27923	27446	1	34617
27925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^+\rho^-\rho^-D^-, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-\bar{K}^0D^-\bar{n}\Sigma_c^0)$	27924	27447	1	34618
27926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-K^-D^+D^{*+}\bar{D}^0)$	27925	27448	1	34619
27927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^0\bar{K}^*K^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\eta K^0\bar{K}^*K^+D^{*+})$	27926	27449	1	34620
27928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	27927	27450	1	34621
27929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-\bar{p}\Sigma_c^+)$	27928	27451	1	34622
27930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+D^-D^{*+})$	27929	27452	1	34623
27931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta\eta\bar{K}^*K^+D^-D^{*+})$	27930	27453	1	34624

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega K^-D^-D^{*+}\bar{D}^{*0})$	27931	27454	1	34625
27933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^+K^-D^-D^-D^{*+}D_s^{*+})$	27932	27455	1	34626
27934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*0}\Delta^0\bar{\Delta}^0)$	27933	27456	1	34627
27935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+K^{*-}D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+K^{*-}\bar{D}^{*-}D_s^{*+})$	27934	27457	1	34628
27936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1'^-, \bar{B}^0 \to \rho^0\rho^0D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+D^{*0}D_1'^-)$	27935	27458	1	34629
27937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\Delta^0\bar{\Sigma}_c^0)$	27936	27459	1	34630
27938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^+D_1^-)$	27937	27460	1	34631
27939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^+D^-\bar{D}^{*0}\bar{\Delta}^0\Delta^+)$	27938	27461	1	34632
27940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^0\eta'D^{*+}D^{*+}\bar{D}^{*-})$	27939	27462	1	34633
27941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-})$	27940	27463	1	34634
27942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_0^{*-}a_1^-\gamma)$	27941	27464	1	34635
27943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \rho^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \rho^+D^-\bar{n}p\bar{\Delta}^+\Sigma_c^{*0})$	27942	27465	1	34636
27944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D^{*0})$	27943	27466	1	34637
27945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0K^*D^+\bar{D}^{*-})$	27944	27467	1	34638
27946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+D^{*+}\bar{D}^{*-})$	27945	8289	1	34639
27947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^-p\bar{\Sigma}_c^0$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}p\bar{\Sigma}_c^0)$	27946	27468	1	34640
27948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^+D^{*+}D_{s1}'^-)$	27947	27469	1	34641

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+})$	27948	27470	1	34642
27950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Xi}_c'^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*0}n\bar{\Xi}_c'^-)$	27949	27471	1	34643
27951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^-\omega K^{*+}$ $(e^+e^- \to \pi^-\omega K^{*+}\bar{D}^{*-}a_1^+)$	27950	27472	1	34644
27952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	27951	27473	1	34645
27953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_2^{*0}J/\psi, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K_2^{*0}D^{*+}J/\psi)$	27952	27474	1	34646
27954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\omega K^0D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\omega K^0D^+D^-D^-)$	27953	27475	1	34647
27955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \bar{K}^0D^{*+}D^0\bar{D}^{*0}\Delta^-\bar{\Delta}^0)$	27954	27476	1	34648
27956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	27955	27477	1	34649
27957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^0D_s^{*+})$	27956	27478	1	34650
27958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-K^0K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\rho^-K^0K^+K^-K^{*-}D^+\bar{D}^0)$	27957	27479	1	34651
27959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\omega\omega$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+\omega\omega K^0\bar{K}^*D^-)$	27958	27480	1	34652
27960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \rho^-K^-K^{*+}D^+$ $(e^+e^- \to e^+\nu_eX_u^-\rho^-K^-K^{*+}D^+)$	27959	27481	1	34653
27961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-n\bar{n}, \bar{B}^0 \to \rho^-\eta D^+p\bar{p}$ $(e^+e^- \to \rho^+\rho^-\eta D^+D^-n\bar{n}p\bar{p})$	27960	27482	1	34654
27962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+J/\psi, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}J/\psi)$	27961	27483	1	34655
27963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^-D^{*+})$	27962	27484	1	34656
27964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta D^+D^{*+})$	27963	27485	1	34657
27965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+\rho^-K^{*-}D^+J/\psi)$	27964	27486	1	34658

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^+\rho^-\eta\omega\omega D^+D^-)$	27965	27487	1	34659
27967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-D^0)$	27966	27488	1	34660
27968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	27967	27489	1	34661
27969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-D^{*+}D^{*+})$	27968	27490	1	34662
27970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+D^{*0})$	27969	27491	1	34663
27971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to J/\psi\bar{K}_1^{\prime 0}$ $(e^+e^- \to \rho^+\omega D^-J/\psi\bar{K}_1^{\prime 0})$	27970	27492	1	34664
27972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{p}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\bar{p}\Lambda)$	27971	27493	1	34665
27973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \pi^-K^{*+}D^0\bar{D}^0$ $(e^+e^- \to \pi^-\pi^-K^{*+}D^0\bar{D}^0\bar{D}^0D_s^+)$	27972	27494	1	34666
27974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\omega D^{*+}D_s^-p\bar{\Sigma}_c^-)$	27973	27495	1	34667
27975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^*K^{*+}K^{*-}D^-J/\psi)$	27974	27496	1	34668
27976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^0, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^*D^+D^0)$	27975	27497	1	34669
27977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-\eta K^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\eta K^{*+}D^+)$	27976	27498	1	34670
27978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{\Sigma}^+\Xi^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+K^{*-}D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^+K^{*-}\bar{D}^{*-}D_s^+\bar{\Sigma}^+\Xi^-)$	27977	27499	1	34671
27979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}D^0)$	27978	27500	1	34672
27980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta K^0\eta' D^+D^+D^-)$	27979	27501	1	34673
27981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	27980	11691	1	34674
27982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, B^0 \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta\omega K^0D^{*0}\bar{D}^{*0})$	27981	27502	1	34675

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
27983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^-\bar{K}^*K^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^-\bar{K}^*K^+D^{*+}\bar{D}^0)$	27982	27503	1	34676
27984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^*\bar{K}^*\bar{D}^{*-}D^{*0})$	27983	27504	1	34677
27985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^0D_{s0}^{*-})$	27984	27505	1	34678
27986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \bar{K}^0K^*D^-D^{*+}\eta_c)$	27985	27506	1	34679
27987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+D^-\bar{p}\Sigma_c^+)$	27986	27507	1	34680
27988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-D^0, \bar{B}^0 \to \pi^0\rho^0\rho^-\bar{K}^0\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^-\bar{K}^0\bar{K}^0D^0D_s^{*+})$	27987	27508	1	34681
27989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0)$	27988	27509	1	34682
27990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D_s^{*-}, \bar{B}^0 \to \pi^0K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+K^0K^{*-}D^+\bar{D}^0D_s^{*-})$	27989	27510	1	34683
27991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\bar{K}^0D^-D^{*+})$	27990	27511	1	34684
27992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\omega D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\omega D^+D^{*0})$	27991	27512	1	34685
27993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^+D_1'^-)$	27992	27513	1	34686
27994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta D^-D^0\bar{D}^{*0})$	27993	27514	1	34687
27995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{n}p)$	27994	27515	1	34688
27996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\chi_{c1}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK_LD^{*+}\chi_{c1})$	27995	27516	1	34689
27997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta'\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta'\eta'D^+\bar{D}^{*-})$	27996	27517	1	34690
27998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^{*-}D^{*+}D^{*+}\bar{D}^{*0})$	27997	27518	1	34691
27999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	27998	27519	1	34692

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-D^-D_2^{*-})$	27999	27520	1	34693
28001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*K^-D^+\bar{D}^{*-}\bar{\Delta}^+\Delta^{++})$	28000	27521	1	34694
28002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta'D^-, \bar{B}^0 \to K^0K^-\eta'D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^0K^-\eta'\eta'D^+D^-)$	28001	27522	1	34695
28003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \tau^+\nu_\tau D_1'^-$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau D_1'^-D_1'^-)$	28002	27523	1	34696
28004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}D_s^-)$	28003	27524	1	34697
28005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\bar{D}^{*-}\bar{\Delta}^-p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-p)$	28004	27525	1	34698
28006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^0D^+D^+D^-)$	28005	27526	1	34699
28007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D_2^{*+}D_s^-)$	28006	27527	1	34700
28008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+D^0D_s^{*-}n\bar{\Xi}_c^-)$	28007	27528	1	34701
28009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_s^+)$	28008	27529	1	34702
28010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\bar{\Sigma}^{*0}\Xi_c^{*0}$ $(e^+e^- \to \pi^0\omega\Delta^0\bar{\Sigma}^{*0}\bar{\Sigma}_c^{*0}\Xi_c^{*0})$	28009	27530	1	34703
28011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^-K^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^{*+}\bar{D}^0)$	28010	27531	1	34704
28012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^+D^+)$	28011	27532	1	34705
28013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^+n\bar{\Sigma}_c^0)$	28012	27533	1	34706
28014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^-D^{*+}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^*D^+D^-D^{*+})$	28013	15846	1	34707
28015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \phi\bar{\Delta}^+\Xi_c'^+$ $(e^+e^- \to \rho^0\bar{K}^0K^{*+}\phi\bar{D}^{*-}\bar{\Delta}^+\Xi_c'^+)$	28014	27534	1	34708
28016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\eta, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^{*+}\Delta^-\bar{\Delta}^0)$	28015	27535	1	34709

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta\omega D^+\bar{D}^{*-})$	28016	27536	1	34710
28018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \pi^+\pi^-\rho^+K^-D^-D_s^{*+}\eta_c)$	28017	27537	1	34711
28019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^{*+}\bar{D}^{*0}\bar{p}\Delta^+D_{s1}'^-)$	28018	27538	1	34712
28020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-K^+D^{*0}D_0^{*+})$	28019	27539	1	34713
28021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+a_1^+)$	28020	27540	1	34714
28022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-K^+K^-D^+\bar{D}^0D_s^{*+})$	28021	27541	1	34715
28023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0\pi^+\omega\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\omega\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	28022	27542	1	34716
28024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+K^{*-}J/\psi$ $(e^+e^- \to \pi^+\pi^+K^0K^{*-}\bar{D}^{*-}D^{*0}J/\psi)$	28023	27543	1	34717
28025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+K^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+K^{*-}D^-D_{s1}'^+)$	28024	27544	1	34718
28026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}D_{s1}'^+)$	28025	13727	1	34719
28027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0D^-D^{*0}\bar{D}^{*0}D_s^+)$	28026	27545	1	34720
28028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^0\bar{K}^*K^{*+}K^{*-}D^+D^-)$	28027	27546	1	34721
28029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	28028	27547	1	34722
28030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^+D_s^-, \bar{B}^0 \to D^{*0}\bar{\Delta}^0\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^+D^{*0}D_s^-\bar{\Delta}^0\Lambda)$	28029	27548	1	34723
28031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{n}\Sigma_c^{*0})$	28030	27549	1	34724
28032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-K^{*+}K^{*-}D^+D^0D_s^{*-})$	28031	27550	1	34725
28033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\omega K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-\omega K^{*+}D^+\bar{D}^{*0})$	28032	27551	1	34726

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^-\rho^-\rho^-\omega\omega\bar{K}^*K^+D^{*+}D^{*+})$	28033	27552	1	34727
28035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+\eta_c)$	28034	27553	1	34728
28036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-\bar{D}^{*-}\chi_{c2})$	28035	27554	1	34729
28037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta'D^{*+}\bar{D}^{*-})$	28036	27555	1	34730
28038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^-D_1'^+)$	28037	27556	1	34731
28039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0})$	28038	27557	1	34732
28040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+D^-D^0D_s^{*+})$	28039	27558	1	34733
28041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	28040	27559	1	34734
28042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\omega K^0\bar{D}^{*-}D^0D_s^-)$	28041	27560	1	34735
28043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^+K^{*-}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-K^+K^{*-}D^{*+}\bar{D}^{*0})$	28042	27561	1	34736
28044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\eta K^0D^+D^{*+}\bar{D}^{*0})$	28043	27562	1	34737
28045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	28044	27563	1	34738
28046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0J/\psi, \bar{B}^0 \to \pi^0\bar{\Lambda}\Xi_c^0$ $(e^+e^- \to \pi^0\rho^0J/\psi\bar{\Lambda}\Xi_c^0)$	28045	27564	1	34739
28047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\eta\bar{K}^0K^*D^-D^0D_s^{*-})$	28046	27565	1	34740
28048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D_s^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+D_s^+D_s^-)$	28047	27566	1	34741
28049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^+\pi^-D^{*+}D^{*+})$	28048	27567	1	34742
28050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-\bar{\Sigma}^0\Xi^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-K^+D^+D^-\bar{\Sigma}^0\Xi^0)$	28049	27568	1	34743

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-D^0\bar{D}^{*0}\bar{p}\Delta^+)$	28050	27569	1	34744
28052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega D^-\bar{n}p, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^*K^-D^-D^{*+}\bar{n}p)$	28051	27570	1	34745
28053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega D^{*+}D^{*+})$	28052	17073	1	34746
28054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*J/\psi, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^{*+}J/\psi)$	28053	27571	1	34747
28055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-\omega\bar{K}^0K^+D^-)$	28054	27572	1	34748
28056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega D^+D^-, B^0 \to D^-\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \omega D^+D^-D^-\bar{\Delta}^0\Delta^+)$	28055	27573	1	34749
28057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^-K^+K^{*-}\eta'D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^+K^{*-}\eta'D^+D^-)$	28056	27574	1	34750
28058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^{*0}n\bar{n})$	28057	27575	1	34751
28059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+D_2^{*+})$	28058	27576	1	34752
28060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega K^+K^-D^+\bar{D}^{*-})$	28059	27577	1	34753
28061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^-K^{*+}K^{*-}D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*+}K^{*-}D^+D^-)$	28060	27578	1	34754
28062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+})$	28061	27579	1	34755
28063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^{*0}$ $(e^+e^- \to K^{*+}D^-D^{*+}D^{*0}\Sigma^-\bar{\Sigma}^{*0})$	28062	27580	1	34756
28064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \pi^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\omega D^-D_1^-)$	28063	27581	1	34757
28065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^-D^-D^{*+}a_1^+)$	28064	27582	1	34758
28066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^-D_1^+)$	28065	27583	1	34759
28067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0D^0D_s^{*+}D_1^-)$	28066	27584	1	34760

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^{+})$	28067	27585	1	34761
28069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}D_s^{*+}\gamma)$	28068	27586	1	34762
28070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-})$	28069	19272	1	34763
28071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to \pi^+\pi^-K^0\chi_{c2}$ $(e^+e^- \to \pi^+\pi^-K^0D_s^{*+}\chi_{c2}D_1^-)$	28070	27587	1	34764
28072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+J/\psi, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^-K^+D^+J/\psi a_1^-)$	28071	27588	1	34765
28073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^-)$	28072	27589	1	34766
28074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+})$	28073	6472	1	34767
28075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to e^+\nu_e D^-D^0n\bar{n})$	28074	27590	1	34768
28076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	28075	9813	1	34769
28077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	28076	23597	1	34770
28078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^*D_s^+D_s^{*-}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}D_s^+D_s^{*-}a_1^+)$	28077	27591	1	34771
28079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D^{*+}D_s^-a_1^-)$	28078	27592	1	34772
28080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^{*+}D^{*+}D_s^{*-})$	28079	27593	1	34773
28081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^-D^+\bar{D}^0$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	28080	27594	1	34774
28082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\omega K^*\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega\omega K^*D^{*+}\bar{D}^{*0})$	28081	27595	1	34775
28083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \rho^0\pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+K^-D^+\bar{D}^0D^{*0})$	28082	27596	1	34776
28084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\bar{K}^0K^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-\bar{K}^0K^{*+}D^+\bar{D}^0)$	28083	27597	1	34777

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 D^- \bar{n}p, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^- \bar{D}^{*-} \bar{n}p)$	28084	27598	1	34778
28086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+ K^- K^{*+} D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+ K^- K^{*+} D^+ D^- D_s^-)$	28085	27599	1	34779
28087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0 D^{*+} \bar{D}^{*-}, B^0 \to \pi^+\omega \bar{K}^0 K^* D^-$ $(e^+e^- \to \pi^+\omega K^0 \bar{K}^0 K^* D^- D^{*+} \bar{D}^{*-})$	28086	27600	1	34780
28088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^{*+} \bar{D}^{*-})$	28087	16364	1	34781
28089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*0} \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^- \eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^- \eta\omega K^0 D^{*+} D^{*0} \bar{D}^{*0})$	28088	27601	1	34782
28090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^- D^{*+} D_2^{*-})$	28089	27602	1	34783
28091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0\psi', \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^- K^0 D^{*+} D_{s1}'^- \psi')$	28090	27603	1	34784
28092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- D^{*+} \bar{D}^0, \bar{B}^0 \to D^+ D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\pi^- D^+ D^{*+} \bar{D}^0 D_s^{*-}\gamma)$	28091	27604	1	34785
28093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^- D^+ \bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^- D^+ \bar{D}^{*-} \bar{n}p)$	28092	27605	1	34786
28094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^- D^{*+})$	28093	27606	1	34787
28095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^+ K^{*-} \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to \pi^+\bar{K}^0 K^+ K^{*-} D^- D^{*+} \bar{D}^{*-})$	28094	27607	1	34788
28096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+ D^- p\bar{p}, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+ D^+ D^- p\bar{p})$	28095	27608	1	34789
28097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^+ K^0 \bar{K}^* K^- D^{*+} \bar{D}^{*-} \bar{D}^{*0})$	28096	27609	1	34790
28098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- \eta\omega\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^- \eta\omega\omega \bar{D}^{*-} D^{*0})$	28097	27610	1	34791
28099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\eta' D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- K^0 \bar{K}^* D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^0 \bar{K}^* \eta' D^- D^{*+})$	28098	27611	1	34792
28100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ p\bar{\Delta}^{++}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^+ D^{*+} p\bar{\Delta}^{++})$	28099	27612	1	34793
28101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\rho^0\pi^- \bar{K}^0 K^+ \bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^- \bar{K}^0 K^+ D^- \bar{D}^0)$	28100	27613	1	34794

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	28101	27614	1	34795
28103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta K^*\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^*\bar{D}^{*-}\bar{D}^{*0})$	28102	27615	1	34796
28104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^+, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega K^0\bar{K}^0D^+D^{*+})$	28103	27616	1	34797
28105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^-K^+K^{*-}D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	28104	27617	1	34798
28106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}\gamma)$	28105	27618	1	34799
28107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^{*+}\eta'\bar{D}^{*-}D^0D^{*0})$	28106	27619	1	34800
28108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \eta\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-)$	28107	27620	1	34801
28109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega K^*K^-D^+\bar{D}^{*-})$	28108	27621	1	34802
28110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+K^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\eta K^+K^-D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\eta\eta K^+K^+K^-K^-D^+\bar{D}^{*0}D_s^+)$	28109	27622	1	34803
28111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-})$	28110	27623	1	34804
28112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-})$	28111	5362	1	34805
28113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-D^+D^{*+})$	28112	27624	1	34806
28114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta\omega D^{*+}D^{*+})$	28113	27625	1	34807
28115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^{*+}, \bar{B}^0 \to \rho^-\rho^-\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\rho^-\rho^-\rho^-\bar{K}^0K^{*+}D^{*+}D^{*+})$	28114	27626	1	34808
28116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	28115	27627	1	34809
28117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+})$	28116	27628	1	34810
28118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega D^{*+}\bar{D}^0\bar{n}\Delta^0)$	28117	27629	1	34811

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\rho^+K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^{*+}\bar{D}^{*0})$	28118	27630	1	34812
28120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^0K^*D^+D^-n\bar{p})$	28119	27631	1	34813
28121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^+D^{*+})$	28120	27632	1	34814
28122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}D_2^{*-})$	28121	27633	1	34815
28123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^{*+}\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^-K^{*+}D^{*+}\bar{D}^0\bar{D}^{*0})$	28122	27634	1	34816
28124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^*D^+D^-D^{*0})$	28123	27635	1	34817
28125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^-\bar{\Delta}^-\Delta^0)$	28124	27636	1	34818
28126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^+K^-D^+D^-\bar{D}^0)$	28125	27637	1	34819
28127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^-D^{*+})$	28126	27638	1	34820
28128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^-D^{*+}D^{*+})$	28127	27639	1	34821
28129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega\bar{D}^{*-}D_2^{*+})$	516	516	1	34822
28130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0\bar{K}^0\bar{K}^0D_1'^+)$	28129	27641	1	34823
28131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Sigma}^0, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \eta D^0\bar{D}^0\Delta^0\bar{\Sigma}^0)$	28130	27642	1	34824
28132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}\bar{n}\Sigma_c^+)$	28131	27643	1	34825
28133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+K^-D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^-)$	28132	27644	1	34826
28134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0K^+K^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+K^-\bar{D}^{*-})$	28133	27645	1	34827
28135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-D^+\bar{D}^{*-}D_s^{*+})$	28134	27646	1	34828

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^+\rho^- K^0\bar{K}^0 D^+\bar{D}^{*-})$	28135	27647	1	34829
28137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0 D^-)$	28136	27648	1	34830
28138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^0\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c'^0)$	28137	27649	1	34831
28139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D_1^+, \bar{B}^0 \to \bar{K}^0\bar{K}^* D^- D_s^+$ $(e^+e^- \to \pi^-\bar{K}^0\bar{K}^* D^- D_s^+ D_1^+)$	28138	27650	1	34832
28140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- D^-, \bar{B}^0 \to \pi^0\pi^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+ D^- n\bar{n})$	28139	27651	1	34833
28141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_0^{*-})$	28140	27652	1	34834
28142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to D^{*0} p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- K^0\bar{K}^0 D^{*0}\bar{D}^{*0} p\bar{\Delta}^+)$	28141	27653	1	34835
28143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to K^0 K^0\bar{K}^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+ K^0 K^0\bar{K}^* K^{*-} D^{*+}\bar{D}^{*-} n\bar{n})$	28142	27654	1	34836
28144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^0\bar{D}^0 D_s^{*+})$	28143	27655	1	34837
28145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^0 K^- K^{*-}\phi D_s^{*+}$ $(e^+e^- \to \pi^+ K^0 K^0 K^- K^{*-}\phi D^{*+}\bar{D}^{*-} D_s^{*+})$	28144	27656	1	34838
28146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+ D^{*+}\Delta^0\bar{\Sigma}_c^-)$	28145	27657	1	34839
28147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\omega K^0 D^{*+}\bar{D}^{*-} D^0)$	28146	27658	1	34840
28148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \rho^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \rho^-\bar{K}^0 D^+\bar{D}^0 J/\psi K_1^0)$	28147	27659	1	34841
28149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^- K^0 K^- D^+ D^{*+})$	28148	27660	1	34842
28150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+ K^* K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+ K^* K^- D^{*+}\bar{D}^{*-} D_s^{*-})$	28149	27661	1	34843
28151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^* D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28150	27662	1	34844
28152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta' D^-, \bar{B}^0 \to \pi^0\rho^0\eta\omega D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta\omega\eta' D^- D^0)$	28151	27663	1	34845

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \phi D^{*+}D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\phi D^{*+}\bar{D}^{*-}D_s^-)$	28152	27664	1	34846
28154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^+\Delta^0\bar{\Sigma}_c^-)$	28153	27665	1	34847
28155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\bar{K}^0K^+K^{*+}K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0\bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-})$	28154	27666	1	34848
28156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\eta'D^-\bar{D}^{*-})$	28155	27667	1	34849
28157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	28156	27668	1	34850
28158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}\bar{p}\Lambda_c^+)$	28157	27669	1	34851
28159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^-\rho^+D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\omega D^-D^{*+}\bar{D}^{*-})$	28158	27670	1	34852
28160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	28159	3194	1	34853
28161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0\bar{n}\Sigma_c^+\chi_{c0})$	28160	27671	1	34854
28162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\rho^-\eta K^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\eta K^+K^-D^{*+}\bar{D}^0)$	28161	27672	1	34855
28163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*0})$	28162	27673	1	34856
28164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^-D^0)$	28163	27674	1	34857
28165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^{*+}D^-D^{*0}a_1^+)$	28164	27675	1	34858
28166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta\omega D^+D^{*+})$	28165	3640	1	34859
28167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	28166	27676	1	34860
28168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0D^+\bar{D}^{*0}D_s^-)$	28167	27677	1	34861
28169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	28168	27678	1	34862

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^+ D^- D^{*0} D_s^{*-})$	28169	27679	1	34863
28171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega K^* D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^* D^{*+} D_s^-)$	28170	27680	1	34864
28172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^0 D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^0\bar{K}^0 D^+ D^- D_s^-)$	28171	27681	1	34865
28173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\omega D^+ D^{*+})$	28172	27682	1	34866
28174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^0\bar{K}^0 K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0} D_s^{*+})$	28173	27683	1	34867
28175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^{*+} D^0\bar{D}^0, \bar{B}^0 \to D^+ D_{s1}^-$ $(e^+e^- \to \rho^- K^{*+} D^+ D^0\bar{D}^0 D_{s1}^-)$	28174	27684	1	34868
28176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	28175	27685	1	34869
28177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^+, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\eta D^+ D^{*+})$	28176	27686	1	34870
28178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-})$	28177	27687	1	34871
28179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^- K^0 D^- D^{*+})$	28178	27688	1	34872
28180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}\gamma$ $(e^+e^- \to \bar{K}^* K^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0}\gamma)$	28179	27689	1	34873
28181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{++})$	28180	27690	1	34874
28182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0\bar{D}^0 D^{*0}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^0 D^{*0})$	28181	27691	1	34875
28183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-, \bar{B}^0 \to K^0 K^-\eta' D^{*+}$ $(e^+e^- \to K^0 K^-\eta' D^{*+} D^{*+} D_{s1}'^-)$	28182	27692	1	34876
28184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\bar{K}^0 K^{*+}\phi D^-, \bar{B}^0 \to \pi^-\omega D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0 K^{*+}\phi D^+ D^-\bar{\Delta}^-\Delta^-)$	28183	27693	1	34877
28185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^+ a_1^- D_1'^-)$	28184	27694	1	34878
28186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+ D^+\bar{D}^{*-})$	28185	27695	1	34879

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*\bar{D}^0D^{*0}\bar{D}^{*0})$	2629	2623	1	34880
28188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0D^{*+}\bar{D}^{*-}D^{*0})$	28187	27697	1	34881
28189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta D^-D^-)$	28188	27698	1	34882
28190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0K^+K^-\eta'$ $(e^+e^- \to \pi^0\bar{K}^0K^+K^-\eta'D^-D_s^+)$	28189	27699	1	34883
28191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^+n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega\omega D^+D^{*+}n\bar{p})$	28190	27700	1	34884
28192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}\bar{n}p)$	28191	27701	1	34885
28193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}n\bar{n})$	28192	27702	1	34886
28194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^{*+}\bar{D}^{*-})$	28193	27703	1	34887
28195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0D^+\chi_{c0})$	28194	27704	1	34888
28196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^-K^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^{*+}D_s^{*-})$	28195	27705	1	34889
28197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^{*-}D^+\bar{D}^0D_s^+)$	28196	27706	1	34890
28198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\eta K^*$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta K^*\bar{D}^{*-})$	28197	27707	1	34891
28199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^-D_2^{*+}\bar{D}^0\bar{n}\Delta^0)$	28198	27708	1	34892
28200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}a_1^-)$	28199	9204	1	34893
28201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	28200	4318	1	34894
28202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}J/\psi K_1^0a_1^-)$	28201	27709	1	34895
28203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0\bar{\Delta}^+\Delta^{++})$	28202	27710	1	34896

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0 D^-, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0 D^-\bar{n}\Sigma_c^+)$	28203	27711	1	34897
28205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^- D^+ p\bar{\Sigma}_c^-)$	28204	27712	1	34898
28206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+} D_s^{*-}\Delta^0\bar{\Sigma}^+)$	28205	27713	1	34899
28207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^- K^+K^+K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^- K^+K^+K^- D^{*+}\bar{D}^0)$	28206	27714	1	34900
28208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^- K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^- K^+ D^{*+}\bar{D}^{*-})$	28207	27715	1	34901
28209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \pi^- K^*\bar{K}^* D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+ K^*\bar{K}^* D^+ D^-)$	28208	27716	1	34902
28210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \phi D^+ D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\phi D^+\bar{D}^{*-} D_s^-)$	28209	27717	1	34903
28211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^- D^+\bar{D}^0 D_s^+)$	28210	27718	1	34904
28212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^* K^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^*\bar{K}^* K^+ D^{*+}\bar{D}^{*-} D^0)$	28211	27719	1	34905
28213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	28212	27720	1	34906
28214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\rho^-\bar{K}^* K^+ D^+$ $(e^+e^- \to \rho^-\rho^- K^*\bar{K}^* K^+ D^+ D^{*+}\bar{D}^{*-})$	28213	27721	1	34907
28215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+} D_s^{*-})$	28214	27722	1	34908
28216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^* D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^* D^+\bar{D}^{*-} D_{s1}'^+)$	28215	27723	1	34909
28217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^-\bar{\Lambda}\Sigma^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0 D^- D^{*+}\bar{\Lambda}\Sigma^+)$	28216	27724	1	34910
28218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\eta'\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\eta' D^-\bar{D}^{*-})$	28217	27725	1	34911
28219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0 D^+ D^- D^{*+})$	28218	27726	1	34912
28220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^- D^+ D^{*+})$	28219	27727	1	34913

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^- K^0\bar{D}^0, \bar{B}^0 \to \bar{K}^0 D^0 \bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0 D^0\bar{D}^0\bar{D}^{*0})$	28220	27728	1	34914
28222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28221	27729	1	34915
28223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to D^{*+} a_1^- \gamma$ $(e^+e^- \to \rho^+ D^{*+} D_2^{*-} a_1^- \gamma)$	28222	27730	1	34916
28224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	28223	27731	1	34917
28225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^+\eta D^-, B^0 \to \omega K^+\bar{D}^{*-} D^0$ $(e^+e^- \to \pi^0\rho^+\eta\omega K^+ D^-\bar{D}^{*-} D^0)$	28224	27732	1	34918
28226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^- K^* D^{*+} D^{*+}\bar{D}^{*0})$	28225	27733	1	34919
28227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta K^+ K^{*-} D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta K^+ K^{*-} D^-\bar{D}^{*-})$	28226	27734	1	34920
28228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^*\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0 K^* D^-\bar{D}^{*-} D^0 D^{*0})$	28227	27735	1	34921
28229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0 D^{*0} n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-} D^{*0} n\bar{n})$	28228	27736	1	34922
28230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^0 D^-, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^0 D^- D^{*+} D_s^-)$	28229	27737	1	34923
28231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\eta' D^{*+}\bar{D}^{*-})$	28230	27738	1	34924
28232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	28231	27739	1	34925
28233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega D^+\bar{D}^{*-} D_s^{*+})$	28232	27740	1	34926
28234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ K^{*+} K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{K}^0\bar{D}^{*-} D_s^+$ $(e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{K}^0 K^{*+} K^{*-}\bar{D}^{*-}\bar{D}^{*-} D_s^+)$	517	517	1	34927
28235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \bar{K}^0 D^- D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^0 D^- D^{*+} D_0^{*-})$	28234	27742	1	34928
28236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+ K^0 K^- D^+\bar{D}^{*-})$	28235	27743	1	34929
28237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^- K^{*+} K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^- K^* K^{*+} K^{*-} D^{*+} D^{*+}\bar{D}^{*-})$	28236	27744	1	34930

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{p}\Sigma_c^{*++}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^{*+}n\bar{\Lambda}$ $(e^+e^- \to \pi^-\rho^-\eta\bar{K}^0D^{*+}n\bar{p}\bar{\Lambda}\Sigma_c^{*++})$	28237	27745	1	34931
28239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-\rho^-D^+D^+)$	29	29	1	34932
28240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^{*-}\bar{D}^{*-}a_1^+)$	28239	27747	1	34933
28241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\eta D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^0\bar{D}^0D_s^-D_s^{*+})$	28240	27748	1	34934
28242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^0\pi^-\eta\omega D^+)$	28241	27749	1	34935
28243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28242	27750	1	34936
28244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*+})$	28243	27751	1	34937
28245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}a_1^+)$	28244	27752	1	34938
28246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*0})$	28245	27753	1	34939
28247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega\omega\bar{K}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\omega\omega\bar{K}^0\bar{D}^{*-}D^{*0})$	28246	27754	1	34940
28248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^{*+}D_s^-, \bar{B}^0 \to \pi^0K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^-K^{*+}D^{*+}\bar{D}^{*0}D_s^-)$	28247	27755	1	34941
28249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^-D^{*+}n\bar{n})$	28248	27756	1	34942
28250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^0\pi^+D^-D^0$ $(e^+e^- \to \pi^0\pi^+\rho^+D^-D^0D_1'^-)$	28249	27757	1	34943
28251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^-)$	28250	27758	1	34944
28252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*-})$	28251	11256	1	34945
28253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	28252	27759	1	34946
28254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^0D^-D^{*+}D^{*0})$	28253	27760	1	34947

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^- D^{*+} D_1^-)$	28254	27761	1	34948
28256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0 K^* \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0 K^* D^{*+} \bar{D}^{*-} D_s^{*-})$	28255	27762	1	34949
28257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^- D^+ \bar{D}^{*-})$	28256	27763	1	34950
28258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 D^+ \bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^- K^0 D^+ \bar{D}^{*0} D_1^+)$	28257	27764	1	34951
28259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta K^- D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega K^- D^0 p\bar{\Lambda}_c^-)$	28258	27765	1	34952
28260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^- D^{*+} D_s^{*+})$	28259	27766	1	34953
28261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^* K^- D^+, \bar{B}^0 \to D^+ n\bar{\Lambda}_c^-$ $(e^+e^- \to K^* K^- D^+ D^+ n\bar{\Lambda}_c^-)$	28260	27767	1	34954
28262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ \bar{D}^0 p\bar{p})$	28261	27768	1	34955
28263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^+\pi^-\omega K^{*+} K^{*-} D^{*0}$ $(e^+e^- \to e^+\nu_e X_u^-\pi^+\pi^-\omega K^{*+} K^{*-} D^{*0})$	28262	27769	1	34956
28264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Omega}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^- D^{*+}\Delta^+\bar{\Omega}_c^{*0})$	28263	27770	1	34957
28265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^* D^-, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^* D^+ D^- D_s^-)$	28264	27771	1	34958
28266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^* D^+ D^- D^{*+})$	28265	27772	1	34959
28267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Sigma}^{*0}\Xi_c^0$ $(e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^0)$	28266	27773	1	34960
28268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0 D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0 D^- D^0 D_s^{*+})$	28267	27774	1	34961
28269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to D_s^{*+}\bar{n}\Sigma^{*-}$ $(e^+e^- \to \rho^- D^{*+} D_s^{*+}\bar{n}\Sigma^{*-})$	28268	27775	1	34962
28270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \omega K^{*-} D^{*+}$ $(e^+e^- \to \omega K^{*-} D^{*+} \bar{D}^{*-} a_1^+)$	28269	27776	1	34963
28271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^- D^{*+})$	28270	27777	1	34964

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D_2^{*+}D_s^{*-})$	28271	27778	1	34965
28273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta K^-K^{*+}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta\eta\eta K^-K^{*+}D^{*+}\bar{D}^0)$	28272	27779	1	34966
28274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-\rho^+\rho^+D^+\bar{D}^{*-}a_1^-)$	28273	27780	1	34967
28275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^+D^{*+}\bar{p}\Lambda, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\omega K^+D^{*+}D^{*+}\bar{p}\Lambda)$	28274	27781	1	34968
28276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D_2^{*-}D_0^{*+})$	28275	27782	1	34969
28277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\bar{p}\Delta^{++})$	28276	27783	1	34970
28278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^-D^{*0}D_0^{*+})$	28277	27784	1	34971
28279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta' D^{*+}$ $(e^+e^- \to \pi^-\rho^+\rho^-\eta' D^{*+}\bar{D}^{*-}D_s^+)$	28278	27785	1	34972
28280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+D^-, B^0 \to \eta D^-\bar{\Delta}^0p$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta D^-D^-\bar{\Delta}^0p)$	28279	27786	1	34973
28281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D_s^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+K^+D^+D_s^-D_s^{*+})$	28280	27787	1	34974
28282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^-D^+\bar{D}^{*0})$	28281	27788	1	34975
28283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}\bar{n}p)$	28282	27789	1	34976
28284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^+\pi^-\pi^-K^+D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^+D^-D^{*+}D_1'^-)$	28283	27790	1	34977
28285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^0\rho^+K^0K^0D_s^-$ $(e^+e^- \to \pi^0\rho^+K^0K^0D^-D_s^-a_1^+)$	28284	27791	1	34978
28286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^0D^0$ $(e^+e^- \to \pi^0K^+D^-D^0D^0)$	28285	27792	1	34979
28287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\eta\bar{K}^0\bar{K}^*D^+D^-D^{*+}\bar{D}^{*0})$	28286	27793	1	34980
28288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^{*+}D_s^-, \bar{B}^0 \to \pi^+\rho^-K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^*K^-K^{*+}D^+D_s^-)$	28287	27794	1	34981

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \omega D^-\bar{n}p$ $(e^+e^- \to \omega K^+D^-D^-D^{*0}\bar{n}p)$	28288	27795	1	34982
28290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+ D_0^{*-})$	28289	27796	1	34983
28291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{\Delta}^+\Sigma_c^{*+})$	28290	27797	1	34984
28292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	28291	27798	1	34985
28293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D^+\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to e^+\nu_e D^+D^-\bar{\Delta}^+\Sigma^0)$	28292	27799	1	34986
28294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\omega, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\omega\bar{\Delta}^+\Sigma_c^{*0})$	2632	2626	1	34987
28295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{D}^0D_s^{*+}D_1'^+)$	28294	27801	1	34988
28296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+K^-K^{*+}D^-D^{*+})$	28295	27802	1	34989
28297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\eta\eta K^0K^-D^+\bar{D}^{*-})$	28296	27803	1	34990
28298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^+K^{*-}D^{*0}$ $(e^+e^- \to \pi^+K^{*-}D^{*0}J/\psi K_1^0)$	28297	27804	1	34991
28299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\bar{K}^0D^-D^0\bar{D}^{*0})$	28298	27805	1	34992
28300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}D^0\bar{D}^{*0})$	28299	27806	1	34993
28301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+K^0K^-K^-K^{*+}D^-$ $(e^+e^- \to \pi^+\pi^+K^0K^0K^-K^-K^{*+}D^-D^{*+}\bar{D}^{*-})$	28300	27807	1	34994
28302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0D^+D^-D_s^{*-})$	28301	27808	1	34995
28303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta D^-D^0)$	28302	27809	1	34996
28304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e K^{*-}D^{*+}\bar{D}^0D_1^-)$	28303	27810	1	34997
28305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0K^0K^{*-}D^+\bar{D}^{*-}a_1^+)$	28304	27811	1	34998

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\eta\eta\bar{K}^0K^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\eta\eta\bar{K}^0K^+D^-\bar{D}^{*-})$	28305	27812	1	34999
28307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Lambda\bar{\Sigma}^{*0}, \bar{B}^0 \to \rho^0\pi^-K^+K^{*-}D^+$ $(e^+e^- \to \rho^0\pi^-K^+K^{*-}D^+\bar{D}^{*0}\Lambda\bar{\Sigma}^{*0})$	28306	27813	1	35000
28308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-K^*D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^*K^-D^-D^0\bar{n}p)$	28307	27814	1	35001
28309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^*D^+D^-D_2^{*-})$	28308	27815	1	35002
28310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega K^0D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^0D^-D_2^{*+})$	28309	27816	1	35003
28311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+})$	28310	26423	1	35004
28312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0K^{*+}D^-D^{*+}D^0n\bar{p})$	28311	27817	1	35005
28313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\rho^-, \bar{B}^0 \to \rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\rho^-K^-K^{*+}D^{*+})$	28312	27818	1	35006
28314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to \pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^0D_s^+)$	28313	27819	1	35007
28315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\omega\bar{K}^0D^-D^{*+}D_{s1}'^+)$	28314	27820	1	35008
28316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^0)$	28315	27821	1	35009
28317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^+\bar{D}^{*-}n\bar{p})$	28316	27822	1	35010
28318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-K^-K^{*+}\bar{D}^0D^{*0}D_s^{*+})$	28317	27823	1	35011
28319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^{*+}D_s^{*-})$	28318	27824	1	35012
28320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}D^{*+}\bar{D}^{*0}D_s^{*-})$	28319	27825	1	35013
28321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^-D^{*+}D^{*0}\bar{D}^{*0})$	28320	27826	1	35014
28322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+}a_1^+)$	28321	27827	1	35015

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \bar{K}^0 D^+ D^-$ $(e^+e^- \to \tau^+\nu_\tau \bar{K}^0 D^+ D^- D_2^{*-})$	28322	27828	1	35016
28324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 n\bar{\Xi}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{K}^0 D^+ n\bar{\Xi}_c^0)$	28323	27829	1	35017
28325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\rho^+ D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+ K^{*-} D^{*+} D^0 \bar{D}^{*0})$	28324	27830	1	35018
28326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\eta' D^-, \bar{B}^0 \to \pi^+ K^- \psi'$ $(e^+e^- \to \pi^+\rho^+\omega K^-\eta' D^-\psi')$	28325	27831	1	35019
28327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+} \bar{D}^0 \bar{D}^{*0} \bar{p}\Delta^+)$	28326	27832	1	35020
28328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- \bar{\Delta}^0 \Delta^+, \bar{B}^0 \to \pi^- \bar{\Sigma}^0 \Xi_c^+$ $(e^+e^- \to \pi^- D^- \bar{\Delta}^0 \Delta^+ \bar{\Sigma}^0 \Xi_c^+)$	28327	27833	1	35021
28329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^-\pi^- \bar{K}^* K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^-\pi^- \bar{K}^0 \bar{K}^* K^+ K^{*+} D^+ D^-)$	28328	27834	1	35022
28330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}\gamma, \bar{B}^0 \to \eta\bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \eta K^0 \bar{K}^0 D^- D^{*+} D^{*+} \bar{D}^{*-}\gamma)$	28329	27835	1	35023
28331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^{*+} D^- D^0, \bar{B}^0 \to \pi^+\pi^- K^0 K^-\eta' D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta K^0 K^- K^{*+}\eta' D^- D^{*+} D^0)$	28330	27836	1	35024
28332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^0$ $(e^+e^- \to \bar{K}^0 K^* D^{*+} \bar{D}^{*-} D^0)$	28331	27837	1	35025
28333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^+\rho^-\rho^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^- \bar{D}^{*-} D^0)$	28332	27838	1	35026
28334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+} \bar{D}^{*-})$	28333	27839	1	35027
28335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ K^0 \bar{K}^0 D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta K^0 \bar{K}^0 D^+ D^-)$	28334	27840	1	35028
28336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ D^- D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^- \bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ \bar{K}^0 D^+ D^- D^{*0})$	28335	27841	1	35029
28337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^- \bar{K}^0 D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^- \bar{K}^0 D^{*+} \bar{D}^{*-} \bar{D}^0 D_s^{*+})$	28336	27842	1	35030
28338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+ K^0 \bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega\omega K^0 D^{*+} \bar{D}^{*0})$	28337	27843	1	35031
28339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^+ D^+ \bar{D}^{*-})$	28338	27844	1	35032

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega\omega\bar{K}^0\bar{D}^{*-}D^{*0})$	28339	27845	1	35033
28341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^+D^{*+}\bar{D}^{*0}D_s^{*-})$	28340	14152	1	35034
28342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D_2^{*-}D^0D_s^+)$	28341	27846	1	35035
28343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+K^+K^-\eta'\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^+K^-\eta'\eta'D^+\bar{D}^0)$	2633	2627	1	35036
28344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-D^{*+}D_1^+)$	28343	27848	1	35037
28345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{D}^{*-}D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\bar{D}^{*-}\bar{D}^{*-}D^0)$	28344	27849	1	35038
28346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\eta K^0K^-D^-D^{*+}\bar{\Sigma}^0\Sigma^+)$	28345	27850	1	35039
28347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta D^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\eta D^{*+}D^0)$	28346	27851	1	35040
28348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^{*+}D^{*+})$	28347	27852	1	35041
28349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\omega D^+D^{*+})$	28348	16796	1	35042
28350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0}\bar{n}p)$	28349	27853	1	35043
28351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^{*+}D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0D^{*+}D_s^{*+}D_s^{*-})$	519	519	1	35044
28352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	28351	7803	1	35045
28353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta K^+K^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\eta K^+K^-\bar{D}^{*-}D^{*0})$	28352	27855	1	35046
28354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+K^-D^+D^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to K^0\bar{K}^*K^+K^-D^+D^-D^-D^{*+})$	28353	27856	1	35047
28355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\rho^0D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0D^0D_1'^-)$	28354	27857	1	35048
28356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^*K^+D^+D^-)$	28355	27858	1	35049

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{D}^{*0}D_s^+)$	28356	27859	1	35050
28358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\eta_c, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to K_L\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\eta_c)$	28357	27860	1	35051
28359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta\omega D^-D^-)$	28358	27861	1	35052
28360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to \pi^+\eta D^-D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^-D^{*0}D_0^{*+})$	28359	27862	1	35053
28361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_s^{*+})$	28360	27863	1	35054
28362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0K^*D^{*+}\bar{D}^0)$	28361	27864	1	35055
28363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\bar{\Sigma}^0\Xi_c'^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*K^-D^{*+}\bar{D}^{*0}\bar{\Sigma}^0\Xi_c'^0)$	28362	27865	1	35056
28364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, B^0 \to \rho^-\eta K^+D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^+D^-D^{*0}D_s^{*+})$	28363	27866	1	35057
28365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^0\bar{K}^0\bar{K}^0D^-D^{*0})$	28364	27867	1	35058
28366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^-D^+D_s^-\Delta^+\bar{\Sigma}_c^{*0})$	28365	27868	1	35059
28367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0K^*D^+D^+D^-n\bar{p})$	28366	27869	1	35060
28368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+)$	28367	27870	1	35061
28369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\eta\omega D^-D^{*+}\bar{n}p)$	28368	27871	1	35062
28370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}a_0^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^{*+}a_0^+)$	28369	27872	1	35063
28371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}D^{*+})$	28370	27873	1	35064
28372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D^+D^-)$	28371	27874	1	35065
28373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\eta\omega\omega\bar{D}^{*-}D^{*0}n\bar{n})$	28372	27875	1	35066

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\eta K^- K^{*+}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\eta K^- K^{*+} D^{*+}\bar{D}^{*0})$	28373	27876	1	35067
28375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^0\bar{K}^0 D^+\bar{D}^{*-}\gamma)$	28374	27877	1	35068
28376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to D_s^{*-}K_1^0 D_1^+\psi')$	28375	27878	1	35069
28377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	28376	27879	1	35070
28378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+ D^+ D_s^-)$	28377	27880	1	35071
28379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta\eta\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\eta\bar{K}^0\bar{D}^{*-})$	28378	27881	1	35072
28380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \rho^0\bar{K}^0 J/\psi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^0 D^- J/\psi)$	28379	27882	1	35073
28381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- K^+K^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^- K^+K^{*-}D^{*0})$	28380	27883	1	35074
28382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^- D^{*+}\bar{\Delta}^-\Delta^- D_1'^-)$	28381	27884	1	35075
28383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\eta\eta D^- D_1^+)$	28382	27885	1	35076
28384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	28383	27886	1	35077
28385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1'^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^- D^+ D_s^+ D_1'^-)$	28384	27887	1	35078
28386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+ D^+ D^- D_s^{*-})$	28385	4703	1	35079
28387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* J/\psi$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^* J/\psi D_1'^-)$	28386	27888	1	35080
28388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0 K^0 K^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\eta K^0 K^- D^- D^{*+})$	28387	27889	1	35081
28389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+ K^* K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+ K^* K^{*-} D^{*+}\bar{D}^{*-})$	28388	27890	1	35082
28390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \rho^0\omega K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\omega K^{*-} D^- D^{*+})$	28389	27891	1	35083

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^-K^*D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	28390	27892	1	35084
28392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0K^0D^{*+}D_s^{*-}J/\psi)$	28391	27893	1	35085
28393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+D^-D^{*+}\bar{\Lambda}\Lambda_c^+)$	28392	27894	1	35086
28394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-\bar{n}p, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-D^-\bar{D}^0D_s^{*+}\bar{n}p)$	28393	27895	1	35087
28395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^+\bar{\Delta}^0\Delta^+\Sigma_c^0\bar{\Sigma}_c^{--})$	28394	27896	1	35088
28396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^0\bar{K}^0\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	28395	27897	1	35089
28397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \rho^+\omega\omega K^0\bar{D}^{*-}$ $(e^+e^- \to \rho^+\omega\omega K^0K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28396	27898	1	35090
28398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^+K^0\bar{K}^0\bar{K}^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D_s^+)$	28397	27899	1	35091
28399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^+\bar{D}^{*-})$	28398	27900	1	35092
28400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\pi^-D^-\bar{D}^{*0})$	28399	27901	1	35093
28401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+K^-K^{*+}D^-, B^0 \to \pi^0\rho^0\rho^0\rho^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^+\eta K^-K^{*+}D^-D^-)$	28400	27902	1	35094
28402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+D_2^{*-})$	28401	27903	1	35095
28403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-}n\bar{n})$	28402	27904	1	35096
28404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^{*0})$	28403	5438	1	35097
28405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	28404	27905	1	35098
28406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \omega K^+D^-D^{*0}\bar{n}\Sigma_c^0)$	28405	27906	1	35099
28407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^+K^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\omega K^+K^-K^-D^-D^{*+}\bar{D}^{*0})$	28406	27907	1	35100

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{n}\Sigma_c^+ D_1^-)$	28407	27908	1	35101
28409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-})$	28408	27909	1	35102
28410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}\bar{\Delta}^-n)$	2635	2629	1	35103
28411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+D^-\bar{n}\Delta^+, \bar{B}^0 \to \pi^-\rho^+\rho^-K^0\bar{K}^0\bar{K}^*\bar{K}^*K^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^0\bar{K}^*\bar{K}^*K^+D^-\bar{n}\Delta^+)$	28410	27911	1	35104
28412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\rho^+K^+K^-D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^+K^-D^+D^{*0})$	28411	27912	1	35105
28413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}\gamma)$	520	520	1	35106
28414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^+D^0D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^+D^{*+}D^0D_s^-)$	28413	27914	1	35107
28415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-\eta\eta D^+\bar{D}^0)$	28414	27915	1	35108
28416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^0\rho^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\rho^-\bar{K}^0K^+D^{*+}\Delta^+\bar{\Xi}_c^{*-})$	28415	27916	1	35109
28417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Sigma}_c^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^*D^{*+}\bar{D}^{*-}p\bar{\Sigma}_c^-)$	28416	27917	1	35110
28418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^{*0})$	28417	27918	1	35111
28419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_{s1}^+)$	28418	8796	1	35112
28420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \rho^0\pi^+K^0D^-$ $(e^+e^- \to \rho^0\pi^+K^0K^+D^-\bar{D}^{*-}D^0)$	28419	27919	1	35113
28421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\rho^+\rho^-K^0\bar{K}^0\bar{K}^*D_s^+\Delta^0\bar{\Sigma}_c^{*-})$	28420	27920	1	35114
28422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^0K^{*-}D^+D^{*+}\bar{D}^{*-}\bar{D}^0)$	28421	27921	1	35115
28423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^0\pi^-\eta' D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta' D^+D^{*+})$	28422	27922	1	35116
28424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}\bar{n}\Sigma_c^0)$	28423	27923	1	35117

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\bar{K}^0K^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0K^+D^-D^-)$	28424	27924	1	35118
28426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\omega K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0K^+K^-D^+\bar{D}^{*0})$	28425	27925	1	35119
28427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	28426	27926	1	35120
28428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+K^-K^{*+}D^+\bar{D}^{*-})$	28427	27927	1	35121
28429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\omega K^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega K^-\bar{D}^{*-})$	28428	27928	1	35122
28430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-a_1^+D_1'^+)$	28429	27929	1	35123
28431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^+K^-D^0$ $(e^+e^- \to \pi^0\pi^+K^-D^-D^0a_1^+)$	28430	27930	1	35124
28432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\rho^-\eta D^-D^{*0})$	28431	27931	1	35125
28433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+D^-D^{*+}D_s^{*-}n\bar{n})$	28432	27932	1	35126
28434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^+D^-)$	28433	27933	1	35127
28435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^0, \bar{B}^0 \to \bar{K}^0\bar{K}^0D^-D_s^{*+}$ $(e^+e^- \to \rho^-K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^0D_s^{*+})$	28434	27934	1	35128
28436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^+K^-D^{*+}\bar{D}^{*-})$	28435	27935	1	35129
28437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^-D^{*+})$	28436	9238	1	35130
28438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^+n\bar{p}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega K^0K^-D^+D^+n\bar{p})$	28437	27936	1	35131
28439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+})$	28438	27937	1	35132
28440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^+D^-D_s^{*+})$	28439	27938	1	35133
28441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}D^{*0}D_s^{*-})$	28440	27939	1	35134

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D^{*+}D'^-_{s1}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}D'^-_{s1})$	28441	27940	1	35135
28443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	28442	27941	1	35136
28444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to K^{*-}\bar{n}p$ $(e^+e^- \to \pi^+\omega K^{*-}D^-\bar{n}p)$	28443	27942	1	35137
28445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-D^-, B^0 \to \pi^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\eta\omega D^-\bar{D}^{*-})$	28444	27943	1	35138
28446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}^-_c, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega D^{*0}\Delta^+\bar{\Sigma}^-_c)$	28445	27944	1	35139
28447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	28446	27945	1	35140
28448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\eta D^+D^-)$	28447	27946	1	35141
28449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D^-_s, \bar{B}^0 \to \rho^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^-K^{*+}D^+D^+D^-_s)$	28448	27947	1	35142
28450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}D^{*-}_s$ $(e^+e^- \to \pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}D^{*-}_s)$	28449	27948	1	35143
28451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D'^-_1, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\eta D^+D'^-_1)$	28450	27949	1	35144
28452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{p}, \bar{B}^0 \to \pi^0\rho^0K^0\bar{K}^0\bar{K}^*\eta'$ $(e^+e^- \to \pi^0\rho^0K^0\bar{K}^0\bar{K}^*\eta'\bar{D}^0p\bar{p})$	28451	27950	1	35145
28453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	28452	16567	1	35146
28454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \omega\omega K^0K^{*-}D^+$ $(e^+e^- \to \omega\omega K^0K^{*-}D^+\bar{D}^{*-}\bar{n}p)$	28453	27951	1	35147
28455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*-}_2D^+_s, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega D^{*+}D^{*-}_2D^+_s)$	28454	27952	1	35148
28456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^-\omega\omega\omega D^{*+}$ $(e^+e^- \to \rho^+\rho^-\omega\omega\omega D^-D^{*+})$	28455	27953	1	35149
28457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D'^+_{s1}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^0D'^+_{s1})$	28456	27954	1	35150
28458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta'D^-, \bar{B}^0 \to \pi^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta K^-\eta'D^-D^{*+})$	28457	27955	1	35151

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\rho^- D^+ D^-)$	28458	27956	1	35152
28460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+$ $(e^+e^- \to \rho^- D_s^{*+}\bar{\Delta}^0\Sigma_c^+ D_1'^-)$	28459	27957	1	35153
28461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*+} D_s^{*-}\gamma$ $(e^+e^- \to K^* D^{*+} D^{*0}\bar{D}^{*0} D_s^{*-}\gamma)$	28460	27958	1	35154
28462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, B^0 \to \pi^-\omega\bar{D}^{*0}\bar{n}p$ $(e^+e^- \to \pi^-\omega K^* D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p)$	28461	27959	1	35155
28463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- K^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^- K^+\bar{D}^{*0} D_0^{*+})$	28462	27960	1	35156
28464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-\rho^- D^{*+}\bar{D}^{*-})$	28463	27961	1	35157
28465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^0 D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^- K^0 D^+ D^{*+}\bar{D}^{*0})$	28464	27962	1	35158
28466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^- D^-)$	28465	27963	1	35159
28467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^- D^{*0} D_s^+)$	28466	27964	1	35160
28468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_1'^+\gamma, \bar{B}^0 \to \rho^0\eta K^0 K^{*-} D^{*+}$ $(e^+e^- \to \rho^0\rho^-\eta K^0 K^{*-} D^{*+} D_1'^+\gamma)$	28467	27965	1	35161
28469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^0, \bar{B}^0 \to K^0 K^{*-} D^+ n\bar{n}\gamma$ $(e^+e^- \to \eta K^0 K^{*-} D^+ D^0 n\bar{n}\gamma)$	28468	27966	1	35162
28470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^- D_s^+, \bar{B}^0 \to \pi^- D^+$ $(e^+e^- \to \pi^-\omega D^+ D^- D_s^+)$	28469	27967	1	35163
28471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^+ K^{*-} D^-, \bar{B}^0 \to \pi^+\pi^- K^0\bar{K}^* D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^0\bar{K}^* K^+ K^{*-} D^- D^{*0})$	28470	27968	1	35164
28472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^+ K^-\eta' D^0$ $(e^+e^- \to e^+\nu_e\pi^+ K^-\eta' D_2^{*-} D^0)$	28471	27969	1	35165
28473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^- K^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- K^0 D^{*+}\bar{D}^0)$	28472	27970	1	35166
28474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-} D_s^{*+})$	28473	27971	1	35167
28475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^* D_s^+$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0 K^*\bar{K}^*\bar{D}^0 D_s^+)$	28474	27972	1	35168

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^- K^0 D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- K^0 D^{*+} D_0^{*-})$	28475	27973	1	35169
28477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-\eta D^{*+}\bar{D}^{*-})$	28476	27974	1	35170
28478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \rho^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^{*-}D^-\eta_c)$	28477	27975	1	35171
28479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	28478	27976	1	35172
28480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\eta K^{*+}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^{*+}D^+D_s^-)$	28479	27977	1	35173
28481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^{*+}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-})$	28480	26429	1	35174
28482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0})$	28481	27978	1	35175
28483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*-})$	28482	27979	1	35176
28484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\omega D^+D^{*+})$	28483	21887	1	35177
28485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	28484	27980	1	35178
28486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0D^+D^0\bar{D}^0)$	28485	27981	1	35179
28487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0\bar{K}^0K^+, \bar{B}^0 \to D^+D_s^-\gamma$ $(e^+e^- \to \pi^-K^0\bar{K}^0K^+D^+D_s^-\gamma)$	28486	27982	1	35180
28488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+D^{*+}\eta_c)$	28487	27983	1	35181
28489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^*D^{*+}\eta_c)$	28488	27984	1	35182
28490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D^{*0})$	28489	27985	1	35183
28491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}D^-D^{*+}\bar{D}^{*-})$	28490	27986	1	35184
28492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*K^{*+}D^-\bar{D}^{*-}D^{*0})$	28491	27987	1	35185

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-D^+D^-)$	28492	27988	1	35186
28494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+D^0n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\bar{D}^{*-}D^0n\bar{p})$	28493	27989	1	35187
28495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^+D^0\bar{D}^0)$	28494	27990	1	35188
28496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\eta K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^*K^{*+}K^{*-}D^{*+}\bar{D}^0)$	28495	27991	1	35189
28497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega D^{*+}\bar{D}^{*-})$	28496	1295	1	35190
28498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\rho^-, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta\bar{D}^{*-})$	28497	27992	1	35191
28499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0, \bar{B}^0 \to \rho^0\eta K^-\bar{n}p$ $(e^+e^- \to \rho^0\eta K^-K^{*-}D^+\bar{D}^0\bar{n}p)$	28498	27993	1	35192
28500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^-K^+K^-D^-D^{*+}D_{s0}^{*+})$	28499	27994	1	35193
28501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{n})$	28500	27995	1	35194
28502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+K^{*-}D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega K^+K^{*-}D^-D_s^+)$	28501	27996	1	35195
28503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega K^0D^{*+}D^{*+}\bar{D}^{*-})$	28502	27997	1	35196
28504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0K^0\bar{K}^0D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^0\bar{K}^0D^+D^-D_s^-)$	28503	27998	1	35197
28505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\eta_c)$	28504	27999	1	35198
28506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^{*+}\Lambda\bar{\Sigma}_c^-)$	28505	28000	1	35199
28507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0K^-D^{*0}J/\psi)$	28506	28001	1	35200
28508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\eta\omega K^0K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^0K^-D^-D^{*+})$	28507	28002	1	35201
28509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^0)$	28508	28003	1	35202

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\bar{K}^0K^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-})$	28509	28004	1	35203
28511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+D^-)$	28510	28005	1	35204
28512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^*, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	28511	28006	1	35205
28513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^{*+}\bar{D}^{*0}D_s^+)$	28512	28007	1	35206
28514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-\omega D^+\bar{D}^0)$	28513	28008	1	35207
28515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, B^0 \to \pi^+\pi^-\rho^+\rho^-p\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D_s^{*+}p\bar{\Lambda}_c^-)$	28514	28009	1	35208
28516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^+K^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^+D^-)$	28515	28010	1	35209
28517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-K^*\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^-K^*\bar{D}^0D_1'^-)$	28516	28011	1	35210
28518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-K^+K^-D^-, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^+K^-D^-D^{*+}D_s^-\gamma)$	28517	28012	1	35211
28519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta'D^-, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta'D^-\bar{D}^{*-}\bar{n}p)$	28518	28013	1	35212
28520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta'D^-, \bar{B}^0 \to \pi^+\pi^-J/\psi$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\eta'D^-J/\psi)$	28519	28014	1	35213
28521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^0\bar{\Sigma}^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0\Sigma^0\bar{\Sigma}^{*0})$	28520	28015	1	35214
28522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^-D^{*+}\bar{D}^{*-})$	28521	28016	1	35215
28523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta K^+K^-D^+\bar{D}^{*-})$	28522	28017	1	35216
28524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{K}^0K^*K^*\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\omega\bar{K}^0K^*K^*D^{*+}\bar{D}^{*-}D_s^-)$	28523	28018	1	35217
28525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega D^+\bar{D}^{*-})$	28524	28019	1	35218
28526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-})$	28525	28020	1	35219

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D_s^{*+} D_s^{*-}, \bar{B}^0 \to \pi^+ K^- D^- D^{*+}$ $(e^+e^- \to \pi^+\pi^- K^- K^{*+} D^- D^{*+} D_s^{*+} D_s^{*-})$	28526	28021	1	35220
28528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+ K^0 \bar{K}^0 D^-, \bar{B}^0 \to \rho^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\rho^+\rho^- K^0\bar{K}^0 D^+ D^- n\bar{n})$	28527	28022	1	35221
28529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^- K^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^- K^- D^{*+} D^{*+})$	28528	28023	1	35222
28530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega K^- D^- D^{*+}\bar{D}^{*0})$	28529	28024	1	35223
28531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^* J/\psi, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^* D^+ J/\psi)$	28530	28025	1	35224
28532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^* K^+ D^+ D^-)$	28531	28026	1	35225
28533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	28532	5733	1	35226
28534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta\omega\omega D^+\bar{D}^{*-})$	28533	28027	1	35227
28535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^- K^* D^+\bar{D}^0 D^{*0})$	28534	28028	1	35228
28536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \rho^0 K^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta K^0 D^+\bar{D}^{*-}\bar{D}^{*-})$	28535	28029	1	35229
28537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^- K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^- K^{*+} K^{*-} D^+\bar{D}^{*-} D_s^{*+})$	28536	28030	1	35230
28538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0 D^{*+}\Delta^0\bar{\Sigma}_c^0 D_{s1}'^-)$	28537	28031	1	35231
28539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	28538	28032	1	35232
28540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^0)$	28539	28033	1	35233
28541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{K}^0 K^* D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0 K^* D^+ D^-)$	28540	28034	1	35234
28542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*0} p\bar{p}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^+\pi^-\eta D_2^{*+}\bar{D}^{*0} D_s^- p\bar{p})$	28541	28035	1	35235
28543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^- D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- K^{*+} K^{*-} D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^{*+} K^{*-}\phi D^- D^{*0} D_s^+)$	28542	28036	1	35236

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1^- \gamma, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \rho^+ D^{*+} D_s^- D_1^- \gamma)$	28543	28037	1	35237
28545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \omega K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to \rho^0 \pi^- \omega\omega D^{*+}$ $(e^+e^- \to \rho^0 \pi^- \rho^+ \omega\omega\omega K^0 \bar{K}^* D^{*+} \bar{D}^{*-})$	28544	28038	1	35238
28546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \rho^+ \rho^+ \omega \bar{D}^{*-}, \bar{B}^0 \to \eta D^{*0}$ $(e^+e^- \to \pi^- \rho^+ \rho^+ \eta\omega \bar{D}^{*-} D^{*0})$	28545	28039	1	35239
28547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 K^* \bar{K}^* D^{*+}, \bar{B}^0 \to \pi^- \rho^+ K^- D^+ \bar{D}^0$ $(e^+e^- \to \pi^- \pi^- \rho^+ K^0 K^* \bar{K}^* K^- D^+ D^{*+} \bar{D}^0)$	28546	28040	1	35240
28548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \bar{D}^{*-} p \bar{\Delta}^+, \bar{B}^0 \to \rho^0 \pi^- K^{*+} K^{*-} D^{*+}$ $(e^+e^- \to \rho^0 \pi^+ \pi^- K^{*+} K^{*-} D^{*+} \bar{D}^{*-} p \bar{\Delta}^+)$	28547	28041	1	35241
28549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \rho^+ D^-, \bar{B}^0 \to \pi^+ \pi^- K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ K^{*-} D^+ D^- \bar{D}^{*0})$	28548	28042	1	35242
28550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ \eta' \bar{D}^{*-}, \bar{B}^0 \to \rho^0 \bar{p} \Xi_c'^+$ $(e^+e^- \to \rho^0 \rho^+ \eta' \bar{D}^{*-} \bar{p} \Xi_c'^+)$	28549	28043	1	35243
28551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 \bar{K}^0 \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0 \pi^+ \pi^- \pi^- D^{*+}$ $(e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- K^0 \bar{K}^0 \bar{K}^0 K^+ D^- D^{*+})$	28550	28044	1	35244
28552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^0 \bar{D}^0, \bar{B}^0 \to \pi^- \rho^- \bar{K}^0 K^{*+} D^{*+}$ $(e^+e^- \to \pi^- \rho^- \eta K^0 \bar{K}^0 K^{*+} D^{*+} D^0 \bar{D}^0)$	28551	28045	1	35245
28553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+ \nu_e \bar{D}^{*-}, \bar{B}^0 \to D^{*+} \Delta^- \bar{n}$ $(e^+e^- \to e^+ \nu_e D^{*+} \bar{D}^{*-} \Delta^- \bar{n})$	28552	28046	1	35246
28554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+ \nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^+ \pi^+ \pi^- \rho^- \eta D^0$ $(e^+e^- \to \tau^+ \nu_\tau \pi^0 \pi^+ \pi^+ \pi^- \rho^- \eta \bar{D}^{*-} D^0)$	28553	28047	1	35247
28555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \eta \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^0 \pi^- \eta' D^+$ $(e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \eta\eta' D^+ \bar{D}^{*-})$	28554	28048	1	35248
28556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^+ \pi^+ \pi^- K^{*-} D^+ D^-$ $(e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- K^{*-} D^+ D^- \bar{D}^{*-})$	28555	28049	1	35249
28557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^+ \pi^- \rho^+ D^-, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0 \pi^+ \pi^- \rho^+ K^{*-} D^- D^{*+} \bar{D}^0)$	28556	28050	1	35250
28558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \bar{D}^{*-}, \bar{B}^0 \to \omega \bar{K}^0 J/\psi$ $(e^+e^- \to \pi^+ \omega \bar{K}^0 \bar{D}^{*-} J/\psi)$	28557	28051	1	35251
28559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0 \pi^+ \pi^- \pi^- \eta D^+$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- \pi^- \eta D^+ D^{*+})$	28558	24175	1	35252
28560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \pi^+ \rho^- \eta\eta D^-, \bar{B}^0 \to \pi^- \rho^+ \rho^- \omega D^{*+}$ $(e^+e^- \to \pi^+ \pi^+ \pi^- \rho^+ \rho^- \rho^- \eta\eta\omega D^- D^{*+})$	28559	28052	1	35253

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^+\bar{D}^{*-}n\bar{n})$	28560	28053	1	35254
28562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^+D^{*+}\bar{D}^{*-})$	28561	28054	1	35255
28563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta D^+D^-)$	28562	28055	1	35256
28564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta K^*p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^0K^*D^{*+}p\bar{p})$	28563	28056	1	35257
28565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0K^{*+}D^{*+}D_s^{*-})$	28564	28057	1	35258
28566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-D^-\Sigma^0\bar{\Xi}^+, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^-D^-D^{*+}\Sigma^0\bar{\Xi}^+)$	28565	28058	1	35259
28567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+D^+\bar{D}^{*-})$	28566	28059	1	35260
28568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0D^+D^-D^0)$	28567	28060	1	35261
28569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0K^+D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+K^0K^+D^{*+}D_s^{*-})$	28568	28061	1	35262
28570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\eta D^{*+}\bar{D}^{*-})$	28569	28062	1	35263
28571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^*D^{*0}\bar{D}^{*0}, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^*D^-D^{*0}\bar{D}^{*0})$	28570	28063	1	35264
28572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta_c, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\eta_c)$	2637	2631	1	35265
28573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-})$	28572	28065	1	35266
28574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to K^0D^+D^-D_2^{*+}D_s^-)$	28573	28066	1	35267
28575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0K^{*+}\Lambda\bar{\Lambda}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}\Lambda\bar{\Lambda})$	28574	28067	1	35268
28576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^*K^+D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^*K^+D^{*0}\bar{D}^{*0})$	28575	28068	1	35269
28577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^0\bar{D}^0D^{*0})$	28576	28069	1	35270

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \omega K^0\bar{K}^0D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^0\bar{K}^0D^0\bar{D}^{*0})$	28577	28070	1	35271
28579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^+D^-\bar{n}\Delta^0)$	28578	28071	1	35272
28580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega D^+\bar{D}^{*-})$	28579	28072	1	35273
28581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to K^0D^-D^{*+}$ $(e^+e^- \to e^+\nu_eX_u^-K^0D^-D^{*+})$	28580	28073	1	35274
28582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c0}, \bar{B}^0 \to K^{*+}\bar{\Delta}^+\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^0K^0K^{*+}\bar{\Delta}^+\Xi_c'^0\chi_{c0})$	28581	28074	1	35275
28583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\bar{n}\Lambda\bar{\Lambda}\Sigma^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^-K^+D^{*+}D_s^-\bar{n}\Lambda\bar{\Lambda}\Sigma^0)$	28582	28075	1	35276
28584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^0D_s^+D_1'^-)$	28583	28076	1	35277
28585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^-D^+\bar{D}^{*-}D_{s1}^+)$	28584	28077	1	35278
28586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+D^+D^-)$	28585	28078	1	35279
28587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^-D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^-K^+D^{*+}\Delta^+\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{*--})$	28586	28079	1	35280
28588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \rho^0\rho^+\eta\bar{K}^*\eta'D^+D^-\bar{D}^{*-})$	28587	28080	1	35281
28589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\eta\omega\omega D^+D_2^{*+})$	28588	28081	1	35282
28590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\bar{D}^{*-}D_1'^+)$	28589	28082	1	35283
28591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\eta\bar{D}^{*-}D^0)$	28590	28083	1	35284
28592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*0})$	28591	28084	1	35285
28593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to \eta K_SD^-D_s^+\psi')$	28592	28085	1	35286
28594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0)$	28593	28086	1	35287

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	28594	28087	1	35288
28596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+D^-)$	28595	28088	1	35289
28597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^-K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^-K^{*+}D^-D^{*+})$	28596	28089	1	35290
28598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+K^0D^-D^{*+}D^0)$	28597	28090	1	35291
28599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{\Sigma}^+\Lambda, \bar{B}^0 \to \rho^0\pi^-\pi^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\bar{K}^0K^+D^+\bar{D}^{*-}\bar{\Sigma}^+\Lambda)$	28598	28091	1	35292
28600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^+)$	28599	28092	1	35293
28601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^-D_1^+)$	28600	28093	1	35294
28602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{p}$ $(e^+e^- \to K^*D^{*+}\bar{D}^{*-}D^{*0}p\bar{p})$	28601	28094	1	35295
28603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Xi_c^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\rho^-\omega D^-\bar{\Delta}^0\Xi_c^{*+})$	28602	28095	1	35296
28604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+D^0D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\bar{K}^*D^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^*K^+D^-D^0D^0D_s^-)$	28603	28096	1	35297
28605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^{*-}D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^+K^{*-}\bar{D}^{*-}D^{*0}D_s^+)$	28604	28097	1	35298
28606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+K^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+K^0D^-D^{*+})$	28605	28098	1	35299
28607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^0)$	28606	28099	1	35300
28608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}D_{s1}'^-)$	28607	28100	1	35301
28609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^-D^{*+})$	28608	28101	1	35302
28610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\bar{K}^0\bar{D}^{*-}a_1^+\psi')$	28609	28102	1	35303
28611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^-D^{*+})$	28610	21729	1	35304

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	28611	28103	1	35305
28613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}p\bar{\Lambda}_c^-)$	28612	28104	1	35306
28614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	28613	28105	1	35307
28615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*-})$	28614	28106	1	35308
28616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^+D^+D^-D_s^{*-})$	28615	28107	1	35309
28617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta'\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\omega K^-K^{*+}D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega K^-K^{*+}\eta'D^{*0}\bar{D}^{*0})$	28616	28108	1	35310
28618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^-K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28617	28109	1	35311
28619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0D^-\bar{D}^{*-}D^{*0})$	28618	28110	1	35312
28620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}\bar{n}p)$	28619	28111	1	35313
28621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^0D_s^+)$	28620	28112	1	35314
28622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0K^*K^{*-}\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-K^0K^*K^{*-}D^{*+}\bar{D}^0)$	28621	28113	1	35315
28623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\phi D^+\bar{D}^{*-}D_s^{*+})$	28622	28114	1	35316
28624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*\bar{D}^{*-}\bar{D}^{*0}\bar{n}\Lambda)$	28623	28115	1	35317
28625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Lambda_c^+, \bar{B}^0 \to \pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^-\rho^-\bar{K}^*D^+\bar{D}^0\bar{\Delta}^0\Lambda_c^+)$	28624	28116	1	35318
28626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta D^-D^{*+}D_s^{*+})$	28625	28117	1	35319
28627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*0}\bar{p}\Delta^+)$	28626	28118	1	35320
28628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^0D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0D^+D_s^{*+}\Delta^+\bar{\Delta}^{++}D_1'^-)$	28627	28119	1	35321

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+} D^-, \bar{B}^0 \to \pi^- \omega D^+$ $(e^+e^- \to \pi^- \omega \bar{K}^* K^{*+} D^+ D^-)$	28628	28120	1	35322
28630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \pi^- \bar{D}^0, \bar{B}^0 \to \pi^0 \rho^- \eta' D^{*+}$ $(e^+e^- \to e^+\nu_e \pi^0 \pi^- \rho^- \eta' D^{*+} \bar{D}^0)$	28629	28121	1	35323
28631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^- n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^- D^{*+} n\bar{n})$	28630	28122	1	35324
28632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^- \bar{\nu}_\tau \pi^+, \bar{B}^0 \to \pi^- \rho^+ \omega$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \pi^+ \pi^- \rho^+ \omega)$	28631	28123	1	35325
28633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 K^0 D^+ D_s^{*-}, \bar{B}^0 \to \pi^0\pi^- \bar{K}^0 D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0\pi^- K^0 K^0 \bar{K}^0 D^+ D^{*+} \bar{D}^0 D_s^{*-})$	28632	28124	1	35326
28634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^{*+}, B^0 \to D_s^{*+} D_1^-$ $(e^+e^- \to D^- D_s^{*+} D_s^{*+} D_1^-)$	28633	28125	1	35327
28635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0 \bar{D}^{*-} D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0 D^- \bar{D}^{*-} D_s^{*+})$	28634	28126	1	35328
28636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to K^{*-} D^{*+} \bar{D}^0$ $(e^+e^- \to e^+\nu_e K^{*-} D^{*+} \bar{D}^0 D_0^{*-})$	28635	28127	1	35329
28637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^-, \bar{B}^0 \to D^+ a_1^-$ $(e^+e^- \to \pi^0\pi^+ D^+ D^- a_1^-)$	28636	28128	1	35330
28638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^* J/\psi, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to \pi^+\pi^- K^* K^* K^- D^{*+} J/\psi)$	28637	28129	1	35331
28639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D_2^{*-}, B^0 \to K^+ \bar{D}^{*-} D^{*0}$ $(e^+e^- \to \rho^+ K^+ \bar{D}^{*-} D_2^{*-} D^{*0})$	28638	28130	1	35332
28640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\omega \bar{D}^{*-}, \bar{B}^0 \to \rho^- \bar{\Delta}^0 \Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega \bar{D}^{*-} \bar{\Delta}^0 \Lambda_c^+)$	28639	28131	1	35333
28641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}, \bar{B}^0 \to \omega \bar{K}^0 D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^- \omega \bar{K}^0 D^+ D^+ \bar{D}^{*-} D_s^{*-})$	28640	28132	1	35334
28642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \rho^0\rho^- \bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^- \bar{K}^0 D^- D^{*+})$	28641	28133	1	35335
28643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\omega D^-, B^0 \to \pi^+\pi^+\rho^- \eta D^-$ $(e^+e^- \to \pi^+\pi^+\rho^+\rho^-\eta\omega D^- D^-)$	28642	28134	1	35336
28644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\omega K^* \bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau \pi^+ \omega K^* D^- \bar{D}^{*-})$	28643	28135	1	35337
28645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta D^+ D^-)$	28644	28136	1	35338

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta K^{*+}D^-D^{*+})$	28645	28137	1	35339
28647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \eta D^-D_s^+\gamma$ $(e^+e^- \to \eta D^-\bar{D}^{*-}D_s^+D_s^{*+}\gamma)$	28646	28138	1	35340
28648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-K^+D^{*+}D^0\bar{D}^0)$	28647	28139	1	35341
28649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-\bar{n}\Lambda, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^-D^{*+}\bar{n}\Lambda)$	28648	28140	1	35342
28650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to K^*K^-D^+n\bar{n}$ $(e^+e^- \to K^*K^*K^-D^+J/\psi n\bar{n})$	28649	28141	1	35343
28651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta D^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\eta\eta\eta D^-D^-)$	28650	28142	1	35344
28652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e\pi^0D^-$ $(e^+e^- \to e^+\nu_e\pi^0D^-\bar{D}^{*-}D_s^{*+})$	28651	28143	1	35345
28653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_1^+D_1'^-)$	28652	28144	1	35346
28654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^0D_s^{*-})$	28653	28145	1	35347
28655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0D^+D^+D^-)$	28654	28146	1	35348
28656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0D^{*0}\bar{D}^{*0}, B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0D^-D^{*0}\bar{D}^{*0}D_s^+)$	28655	28147	1	35349
28657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+})$	28656	28148	1	35350
28658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^*\bar{K}^*\bar{D}^{*-}D^{*0}D_s^+)$	28657	28149	1	35351
28659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0J/\psi, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^0\bar{K}^0D^{*+}J/\psi)$	28658	28150	1	35352
28660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^0\Sigma_c^0)$	28659	28151	1	35353
28661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	28660	28152	1	35354
28662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_{s1}^-a_1^+)$	28661	28153	1	35355

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^{*0}, \bar{B}^0 \to \bar{K}^*\bar{n}\Sigma_c^0$ $(e^+e^- \to \bar{K}^0\bar{K}^*\bar{n}\bar{\Delta}^0\Sigma_c^0\Sigma_c^{*0})$	28662	28154	1	35356
28664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta' D^-, B^0 \to K^*\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^+K^*\eta' D^-\bar{D}^0D^{*0})$	28663	28155	1	35357
28665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^{*0}\bar{p}\Delta^+$ $(e^+e^- \to D^-D^{*0}D_s^{*+}\bar{p}\Delta^+)$	28664	28156	1	35358
28666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^{*+}D_s^{*-}, \bar{B}^0 \to \eta\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\eta\bar{K}^0D^+D^-D^{*+}D_s^{*-})$	28665	28157	1	35359
28667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-)$	28666	28158	1	35360
28668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^+K^-D^+D^{*+})$	28667	28159	1	35361
28669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\eta K^-D^+D^-\bar{D}^{*-})$	28668	28160	1	35362
28670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+})$	28669	28161	1	35363
28671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^0\rho^+K^0\bar{K}^0D^+D^-\bar{D}^{*-}D^{*0})$	28670	28162	1	35364
28672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta D^-D^{*+})$	28671	17039	1	35365
28673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^+D^-)$	28672	28163	1	35366
28674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^-D_1^+)$	28673	28164	1	35367
28675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+D^{*+}D^{*+}\bar{D}^0)$	28674	28165	1	35368
28676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{n}\Xi_c'^0)$	28675	28166	1	35369
28677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-p\bar{p}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^+D^-np\bar{p}\bar{p})$	28676	28167	1	35370
28678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}D^0\bar{D}^{*0})$	28677	28168	1	35371
28679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\eta D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\omega K^+K^{*-}\bar{D}^{*-}D^{*0})$	28678	28169	1	35372

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^+\eta D_s^-$ $(e^+e^- \to \rho^+\eta K^+\bar{D}^{*-}D^0D_s^-)$	28679	28170	1	35373
28681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-D^{*+}\bar{D}^{*-})$	28680	28171	1	35374
28682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\bar{K}^0K^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\bar{K}^0K^*D^+\bar{D}^{*-})$	28681	28172	1	35375
28683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-D^+D^-D_s^-)$	28682	28173	1	35376
28684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \bar{K}^*K^{*-}D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0)$	28683	28174	1	35377
28685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D_2^{*+}D^{*0}D_s^-)$	28684	28175	1	35378
28686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^-\pi^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^-\bar{n}p)$	28685	28176	1	35379
28687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	28686	28177	1	35380
28688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}p\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*0}p\bar{p})$	28687	28178	1	35381
28689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K_S D^+\eta_c)$	28688	28179	1	35382
28690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^+\bar{D}^0D^{*0})$	28689	28180	1	35383
28691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \pi^-\rho^+K^0K^-D^{*+}\bar{D}^0J/\psi)$	28690	28181	1	35384
28692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \pi^0\bar{K}^0\psi'$ $(e^+e^- \to \pi^0\bar{K}^0D^-\bar{\Sigma}^0\Sigma^+\psi')$	28691	28182	1	35385
28693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^0, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^+\rho^-\bar{D}^0D_s^{*-}D_1'^+)$	28692	28183	1	35386
28694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-K^+K^{*-}K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^+K^{*-}K^{*-}D^{*+}\bar{D}^{*-}a_1^+)$	28693	28184	1	35387
28695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Xi_c^+$ $(e^+e^- \to \pi^-\rho^-\bar{\Delta}^0\Delta^+\bar{\Sigma}_c^{*0}\Xi_c^+)$	28694	28185	1	35388
28696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^-\eta\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\eta\eta\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-}\gamma)$	28695	28186	1	35389

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D_s^- n\bar{\Lambda}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}D_s^- n\bar{\Lambda})$	28696	28187	1	35390
28698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\eta\omega D^-\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-}\bar{n}p)$	28697	28188	1	35391
28699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	28698	28189	1	35392
28700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{D}^0D^{*0}\bar{n}\Delta^0)$	28699	28190	1	35393
28701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-D^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^+D^-D^{*+}D^0)$	28700	28191	1	35394
28702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\Delta^+\bar{\Sigma}_c^{--}D_1^+)$	28701	28192	1	35395
28703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+D^-D_s^-D_{s1}'^+)$	28702	28193	1	35396
28704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0D^-\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0K^-D^-D^{*+}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+)$	28703	28194	1	35397
28705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^{*-}D^+D_s^{*+}D_1'^-)$	28704	28195	1	35398
28706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	28705	28196	1	35399
28707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}D_{s1}'^+)$	28706	28197	1	35400
28708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^{*0})$	28707	28198	1	35401
28709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \pi^+D^-n\bar{n}$ $(e^+e^- \to \pi^+K_SD^-J/\psi n\bar{n})$	28708	28199	1	35402
28710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta\eta K^*D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\eta\eta K^*D^+D_s^-)$	28709	28200	1	35403
28711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^+\eta\eta D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\eta D^-\bar{D}^{*-})$	28710	12860	1	35404
28712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^0D^{*+}\bar{D}^0D^{*0})$	28711	28201	1	35405
28713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\omega D^-\bar{D}^{*-})$	28712	28202	1	35406

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^+\bar{D}^{*-}n\bar{n})$	28713	28203	1	35407
28715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega K^*D^-, \bar{B}^0 \to D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^*D^+D^-\bar{p}\Lambda)$	28714	28204	1	35408
28716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, B^0 \to K^*D^+D^-$ $(e^+e^- \to \pi^0K^*D^+D^-\Delta^0\bar{\Sigma}_c^{*0})$	28715	28205	1	35409
28717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	28716	28206	1	35410
28718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0\bar{K}^0K^+D^-D^{*+})$	28717	28207	1	35411
28719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-D^-D_{s0}^{*+})$	28718	28208	1	35412
28720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega D^-D^{*+})$	28719	7449	1	35413
28721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-D^+D^-)$	28720	28209	1	35414
28722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}\gamma, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_s^-\gamma)$	28721	28210	1	35415
28723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	28722	28211	1	35416
28724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}n\bar{n}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta K^-D^{*+}D^{*+}n\bar{n})$	28723	28212	1	35417
28725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*0}\bar{\Sigma}^{*0}\Xi^0$ $(e^+e^- \to D^-D^{*0}\bar{\Sigma}^{*0}\Xi^0a_1^+)$	28724	28213	1	35418
28726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to D^+\bar{D}^{*0}D_s^-\Delta^+\bar{\Delta}^+)$	28725	28214	1	35419
28727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+K^+D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega K^+D^+D^{*0})$	28726	28215	1	35420
28728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\omega\omega D^-, B^0 \to \pi^+\pi^-\omega\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\omega\omega D^-\bar{D}^{*-}\bar{n}p)$	28727	28216	1	35421
28729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+K^-K^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^+\rho^-K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28728	28217	1	35422
28730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+\gamma, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-}a_1^+\gamma)$	28729	28218	1	35423

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- D^{*+} n\bar{\Lambda}, \bar{B}^0 \to \eta\eta\bar{K}^0\eta_c$ $(e^+e^- \to \pi^-\eta\eta\bar{K}^0 D^{*+}\eta_c n\bar{\Lambda})$	28730	28219	1	35424
28732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\chi_{c1}, B^0 \to \pi^0\omega\bar{K}^* K^+ D^-$ $(e^+e^- \to \pi^0 K_L\omega\bar{K}^* K^+ D^-\chi_{c1})$	28731	28220	1	35425
28733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \rho^0\pi^-\eta\omega\eta' D^+$ $(e^+e^- \to \rho^0\pi^-\eta\omega\eta' D^+\bar{D}^{*-} D_{s1}'^+)$	28732	28221	1	35426
28734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{n}p, B^0 \to \pi^+\eta\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\eta'\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	28733	28222	1	35427
28735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^- K^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^-\bar{D}^{*-} D^0)$	28734	28223	1	35428
28736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\eta_c, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^0\eta' D^{*+}\eta_c)$	28735	28224	1	35429
28737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^0 K^* K^{*+}, \bar{B}^0 \to \rho^-\bar{K}^0 D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0\bar{K}^0 K^* K^{*+} D^+\bar{D}^{*0})$	28736	28225	1	35430
28738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\eta D^+ D^-)$	28737	28226	1	35431
28739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \rho^0 K^0 K^- D^+$ $(e^+e^- \to \rho^0 K^0 K^- D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	28738	28227	1	35432
28740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+ D^+\bar{D}^{*-}\gamma)$	28739	28228	1	35433
28741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^{*+}\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^- K^{*+} D^{*+}\bar{D}^{*0})$	28740	28229	1	35434
28742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+ D_s^+ D_s^-, \bar{B}^0 \to D^{*+} a_1^-\gamma$ $(e^+e^- \to \pi^0\pi^- K^+ D^{*+} D_s^+ D_s^- a_1^-\gamma)$	28741	28230	1	35435
28743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to K^{*+} D^+\bar{D}^{*-} D^{*0} D_s^-)$	28742	28231	1	35436
28744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 K^* D^0\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- K^*\bar{D}^{*-} D^0\bar{D}^{*0})$	28743	28232	1	35437
28745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-} D_s^{*+})$	28744	28233	1	35438
28746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\omega D^- D^{*+})$	28745	28234	1	35439
28747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^+ D^{*+}\bar{D}^{*-} D^0 D_s^{*-})$	28746	28235	1	35440

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D_s^+ D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0 K^* D^{*+} D_s^+ D_s^-)$	28747	28236	1	35441
28749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^- K^{*+} K^{*-} D^{*+}$ $(e^+e^- \to \rho^- K^0 K^{*+} K^{*-} D^{*+} D^{*0} \bar{D}^{*0})$	28748	28237	1	35442
28750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+ D^-, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu \pi^+ D^- \bar{D}^{*-})$	28749	28238	1	35443
28751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to \pi^0\pi^-\omega K^- K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^- K^{*+} D^+ D_s^{*+} D_1^-)$	28750	28239	1	35444
28752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^{*+} D^- D^0, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+ K^{*+} D^- D^0 D^0 D_s^{*-})$	28751	28240	1	35445
28753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\omega\omega D^+ D^-)$	28752	28241	1	35446
28754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^- D^+ n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^- K^{*+} D^+ \bar{D}^{*-} D^{*0} n\bar{p})$	28753	28242	1	35447
28755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 D^- D^{*+}, B^0 \to \rho^+\rho^+ K^0 K^- \bar{D}^{*-}$ $(e^+e^- \to \rho^+\rho^+ K^0 K^0 K^- D^- D^{*+} \bar{D}^{*-})$	28754	28243	1	35448
28756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- \bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ \bar{D}^{*0} D_s^-)$	28755	28244	1	35449
28757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-\omega D^+ D^- D_s^{*+})$	28756	28245	1	35450
28758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^+\pi^-\pi^- K^0 \bar{K}^* \bar{\Sigma}^+ \Xi^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^- K^0 \bar{K}^* \bar{D}^{*0} \bar{p}\Delta^+ \bar{\Sigma}^+ \Xi^{*0})$	28757	28246	1	35451
28759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to K^* K^- D^+$ $(e^+e^- \to K^* K^- D^+ \bar{D}^{*-} D_s^+)$	28758	28247	1	35452
28760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \rho^0\rho^0\pi^+\pi^+\pi^-\omega D^- D^{*+})$	28759	28248	1	35453
28761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^- D^{*+} n\bar{n})$	28760	28249	1	35454
28762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\bar{n}\Lambda_c^+$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^-\omega \bar{D}^{*-} \bar{n}\Lambda_c^+)$	28761	28250	1	35455
28763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0 D^{*+} \bar{D}^{*-} \bar{D}^{*-})$	28762	28251	1	35456
28764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \pi^0\pi^0 \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*-})$	28763	28252	1	35457

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+K^*, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\omega K^*D^+)$	28764	28253	1	35458
28766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+})$	28765	28254	1	35459
28767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\eta K^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\eta K^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	28766	28255	1	35460
28768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\eta' D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\eta' D^+\bar{D}^{*-}a_1^+)$	28767	28256	1	35461
28769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\omega$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^*D^{*+}\bar{D}^{*-})$	28768	28257	1	35462
28770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^+D^+D^-)$	28769	28258	1	35463
28771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0D_2^{*-}\bar{D}^0D^{*0}D_s^+)$	28770	28259	1	35464
28772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-D_1^+\gamma$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D_1^+\gamma)$	28771	28260	1	35465
28773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to K^0\bar{K}^0\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \mu^+\nu_\mu K^0\bar{K}^0\bar{K}^0K^{*+}D^-D_1^-)$	28772	28261	1	35466
28774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28773	28262	1	35467
28775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^*K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+K^0\bar{K}^*K^{*-}D^0D_1^-)$	28774	28263	1	35468
28776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^-D_2^{*+})$	28775	28264	1	35469
28777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^0p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+}p\bar{p})$	28776	28265	1	35470
28778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-K^{*+}D^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^{*+}D^{*+}D^{*0}p\bar{p})$	28777	28266	1	35471
28779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	28778	28267	1	35472
28780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+D_2^{*-}D_s^+D_{s1}'^-)$	28779	28268	1	35473
28781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}D^0)$	28780	28269	1	35474

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta\omega K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\eta\omega K^{*-}D^+D_1'^-)$	28781	28270	1	35475
28783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-\omega D^-D_1'^+)$	28782	28271	1	35476
28784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^- D^{*+}\bar{D}^0 p\bar{\Sigma}_c^-)$	28783	28272	1	35477
28785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\rho^+\rho^- D^+\bar{D}^{*-}n\bar{n})$	28784	28273	1	35478
28786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^{*-})$	2638	2632	1	35479
28787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^*\bar{D}^0 D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^* D^{*+}\bar{D}^0 D^{*0})$	28786	28274	1	35480
28788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-})$	28787	28275	1	35481
28789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \eta K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega K^- D^- D^{*+}\bar{D}^0)$	28788	28276	1	35482
28790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\eta\eta D^+D^-)$	28789	28277	1	35483
28791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\eta' D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\eta' D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\eta'\eta' D^- D^{*+})$	28790	28278	1	35484
28792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 K^+\bar{p}\Lambda, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0 K^+ D^{*+}\bar{p}\Lambda)$	28791	28279	1	35485
28793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\eta' D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta' D^+D^-)$	28792	28280	1	35486
28794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0 D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}D^0)$	28793	28281	1	35487
28795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to K_2^{*0} J/\psi$ $(e^+e^- \to K_2^{*0} D^- D_s^{*+} J/\psi)$	28794	28282	1	35488
28796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^-\eta\omega\omega\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega\omega\omega D^+D^{*+})$	28795	28283	1	35489
28797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\eta\omega D^+\bar{D}^{*-})$	28796	28284	1	35490
28798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\pi^-\rho^+ D^-)$	28797	28285	1	35491

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^-\eta' D^- D^{*+}\bar{\Delta}^-\Delta^0)$	28798	28286	1	35492
28800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \omega\omega K^- D_s^+$ $(e^+e^- \to \omega\omega K^- D_2^{*+} D_s^+ D_s^-)$	28799	28287	1	35493
28801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	28800	28288	1	35494
28802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-}\gamma)$	2639	2633	1	35495
28803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^-\eta' D^{*+} D_s^+ D_1^-)$	28802	28290	1	35496
28804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^0\bar{D}^0, \bar{B}^0 \to \pi^0 K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega K^0 K^* K^- D^{*+}\bar{D}^0)$	28803	28291	1	35497
28805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^+ D^{*+} D_s^-)$	28804	28292	1	35498
28806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+ D_2^{*+} D_s^{*-})$	28805	28293	1	35499
28807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \omega\omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega\omega D^-\bar{p}\Lambda_c^+)$	28806	28294	1	35500
28808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to K_S D^+\eta_c a_1^-\gamma)$	28807	28295	1	35501
28809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^+\rho^- D^- D^{*+})$	28808	28296	1	35502
28810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}_1^0\gamma$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}_1^0 D_1^-\gamma)$	30	30	1	35503
28811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0 D^- D^0\bar{D}^0)$	28810	28298	1	35504
28812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\eta_c, \bar{B}^0 \to \omega K^- D_s^+$ $(e^+e^- \to \pi^-\omega K^+ K^- D_s^+\eta_c)$	28811	28299	1	35505
28813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^-\eta'\bar{D}^0 D^{*0} D_s^{*+})$	28812	28300	1	35506
28814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\omega D^{*+}\bar{D}^{*0}n\bar{n})$	28813	28301	1	35507
28815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_2^{*+} D_1^-)$	28814	28302	1	35508

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0})$	28815	28303	1	35509
28817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- D^+D_s^-)$	28816	28304	1	35510
28818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \bar{K}^0D^-D_s^{*+}\Lambda_c^+\bar{\Lambda}_c^-)$	28817	28305	1	35511
28819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \bar{K}^*K^-D^+D^+D_s^{*-})$	28818	28306	1	35512
28820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta\bar{K}^0D^+D^-)$	28819	28307	1	35513
28821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta K^+\bar{D}^0, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \rho^-\eta K^+D^{*+}\bar{D}^0n\bar{p})$	28820	28308	1	35514
28822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0K^*D^+D^-)$	28821	28309	1	35515
28823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0D^+D^-D^-)$	2641	2635	1	35516
28824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-K^0D^+D^0\bar{D}^{*0})$	28823	28311	1	35517
28825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-)$	28824	28312	1	35518
28826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	28825	11756	1	35519
28827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^0D^{*+}\bar{D}^0D_s^-)$	28826	28313	1	35520
28828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	28827	14718	1	35521
28829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-D_s^-)$	28828	28314	1	35522
28830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0D^{*+}D_s^{*-})$	28829	28315	1	35523
28831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-})$	28830	28316	1	35524
28832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-})$	28831	28317	1	35525

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^-\rho^+\rho^+K^{*-}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\rho^+K^{*+}K^{*-}D^-D^0\bar{D}^{*0})$	28832	28318	1	35526
28834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^-K^{*+}D^-D^{*+}\bar{D}^{*0})$	28833	28319	1	35527
28835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}D_s^{*+})$	28834	28320	1	35528
28836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega D^+\bar{D}^{*-}a_1^+)$	28835	28321	1	35529
28837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \mu^+\nu_\mu K^-D^-\bar{\Delta}^+\Sigma_c^{++})$	28836	28322	1	35530
28838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0\bar{D}^0, \bar{B}^0 \to \bar{K}^*D_s^+D_s^-$ $(e^+e^- \to \pi^-\rho^+K^0\bar{K}^*\bar{D}^0D_s^+D_s^-)$	28837	28323	1	35531
28839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_1^+)$	28838	28324	1	35532
28840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\bar{\Delta}^{++}\Sigma_c^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{D}^{*-}\bar{\Delta}^{++}\Sigma_c^{*+})$	28839	28325	1	35533
28841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\eta\omega K^0D^{*+}D^{*0}\bar{D}^{*0})$	28840	28326	1	35534
28842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*0})$	28841	28327	1	35535
28843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-K^-D^+\bar{D}^{*-})$	28842	28328	1	35536
28844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\omega\omega K^-D^+\bar{D}^{*-}\bar{D}^0)$	28843	28329	1	35537
28845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\bar{K}^0K^*D^-$ $(e^+e^- \to e^+\nu_e\pi^+\bar{K}^0K^*D^-D^-)$	28844	28330	1	35538
28846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^{*0}\bar{D}^{*0}D_0^{*-})$	28845	28331	1	35539
28847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\rho^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\rho^+\bar{D}^{*-})$	28846	28332	1	35540
28848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^{*0}\Delta^+\bar{\Delta}^+D_1^-)$	28847	28333	1	35541
28849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\pi^-\rho^+\rho^+D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-})$	28848	28334	1	35542

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta K^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta K^{*+}D^{*+}D_s^{*-})$	28849	28335	1	35543
28851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	28850	28336	1	35544
28852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^+K^*K^-D^+\bar{D}^{*-})$	28851	28337	1	35545
28853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-K^0\bar{K}^0D^{*+}D_0^{*-})$	28852	28338	1	35546
28854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+K^0\eta'\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^-\rho^+K^0\eta'D^{*+}\bar{D}^0)$	28853	28339	1	35547
28855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}D^-, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0\eta'D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^-K^{*+}\eta'D^-D^{*+})$	28854	28340	1	35548
28856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-D^+D^{*+}n\bar{n})$	28855	28341	1	35549
28857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\rho^-K^+D^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^-\rho^-K^+D^+D^{*+}D_s^-)$	28856	28342	1	35550
28858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\bar{K}^0\bar{D}^{*-})$	28857	28343	1	35551
28859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^-D^{*+}D_s^{*+})$	28858	28344	1	35552
28860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-})$	28859	28345	1	35553
28861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-)$	28860	28346	1	35554
28862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}D_s^+D_1'^-)$	28861	28347	1	35555
28863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0\pi^-D^+\bar{D}^{*0})$	28862	28348	1	35556
28864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^{*+}D^0D_s^{*-})$	28863	28349	1	35557
28865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0D^0$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\bar{D}^{*-}D^0)$	28864	28350	1	35558
28866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0K^{*-}D^+\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^{*0})$	28865	28351	1	35559

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ \bar{D}^{*0}, \bar{B}^0 \to \rho^- K^{*+} K^{*-} D^+$ $(e^+e^- \to \pi^-\rho^- K^+ K^{*+} K^{*-} D^+ \bar{D}^{*0})$	28866	28352	1	35560
28868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+ D^- D_0^{*+})$	28867	28353	1	35561
28869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ D_2^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ D^- D_2^{*-})$	28868	28354	1	35562
28870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \omega\bar{D}^{*-} D_s^+ \bar{p}\Lambda_c^+)$	28869	28355	1	35563
28871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta\omega D^+ D^+)$	28870	28356	1	35564
28872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to \rho^0\rho^+\bar{K}^*\bar{D}^{*-} J/\psi)$	28871	28357	1	35565
28873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0 K^{*-} D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^- K^0 K^{*-} D^{*+}\bar{D}^{*-})$	28872	28358	1	35566
28874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega D^+ D^- D_s^-)$	28873	28359	1	35567
28875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- K^0 K^+ K^{*-} D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^- K^0 K^+ K^{*-} D^- D_2^{*+})$	2642	2636	1	35568
28876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\chi_{c0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K_L D_0^{*+}\chi_{c0})$	28875	28361	1	35569
28877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ a_1^-, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to D^+ D^{*+} n\bar{p} a_1^-)$	28876	28362	1	35570
28878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^-\eta D^+ D^{*+})$	28877	28363	1	35571
28879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D^0\bar{D}^{*0} D_1^+)$	28878	28364	1	35572
28880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D_2^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^* D_2^{*+})$	28879	28365	1	35573
28881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^* D^+\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^* D^+ D^-\bar{D}^{*0})$	28880	28366	1	35574
28882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\rho^-\bar{K}^*, \bar{B}^0 \to \pi^+ K^- K^-\bar{D}^0 D_s^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\bar{K}^* K^- K^-\bar{D}^0 D_s^{*+})$	28881	28367	1	35575
28883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to \rho^0 D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \rho^0\rho^+ D^{*+}\Sigma^0\bar{\Sigma}^- D_1'^-)$	28882	28368	1	35576

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^0$ $(e^+e^- \to \pi^+\pi^+\eta\bar{K}^0 D^- D^- D^0)$	28883	28369	1	35577
28885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^- D^{*+})$	28884	28370	1	35578
28886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-} D^{*0} D_1'^+)$	28885	28371	1	35579
28887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0 D_{s1}'^+)$	28886	28372	1	35580
28888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^- p\bar{p}, \bar{B}^0 \to \rho^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^- D^+ D^- p\bar{p})$	28887	28373	1	35581
28889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0 K^- K^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	28888	28374	1	35582
28890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^- K^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^- K^0 D^+\bar{D}^{*0})$	28889	28375	1	35583
28891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+ p\bar{\Xi}_c'^-)$	28890	28376	1	35584
28892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^- D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+ K^-\bar{D}^{*-} D^0\bar{D}^{*0})$	28891	28377	1	35585
28893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	28892	28378	1	35586
28894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+ D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ D^0\bar{D}^0\bar{D}^{*0})$	28893	28379	1	35587
28895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^+\bar{\Sigma}^0\Xi^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^+\omega D^-\bar{\Sigma}^0\Xi^-)$	28894	28380	1	35588
28896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\pi^0\omega K^0 K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\omega K^0 K^- D^+ D_1^-)$	28895	28381	1	35589
28897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-\eta\bar{K}^* K^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^* K^+\bar{D}^{*-}\bar{D}^{*-})$	28896	28382	1	35590
28898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^0\rho^0\rho^+ D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+ D^-\bar{D}^{*-} D_s^{*+})$	28897	28383	1	35591
28899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^-\rho^+\rho^+ D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	28898	28384	1	35592
28900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\eta D^+ D^{*+})$	28899	28385	1	35593

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+}D_s^-)$	28900	28386	1	35594
28902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	28901	28387	1	35595
28903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^{*-}D^-D^0\bar{D}^{*0})$	28902	28388	1	35596
28904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^{*+}\bar{D}^{*-})$	28903	28389	1	35597
28905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^* n\bar{n}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega K^* D^{*+}D_s^{*-}n\bar{n})$	28904	28390	1	35598
28906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega D^-, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^+\eta\omega\omega D^- D_s^- D_1^+)$	28905	28391	1	35599
28907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\omega D^+D_1'^-)$	28906	28392	1	35600
28908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	28907	28393	1	35601
28909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\eta\bar{K}^* n\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\pi^+\eta\bar{K}^* n\bar{\Delta}^+D_1^-)$	28908	28394	1	35602
28910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-D^{*+}D_{s1}'^-)$	28909	28395	1	35603
28911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*-})$	28910	28396	1	35604
28912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\eta\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-})$	28911	28397	1	35605
28913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	28912	28398	1	35606
28914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^{*0}, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*0})$	28913	28399	1	35607
28915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\omega\omega K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\omega\omega K^+K^-D^-\bar{D}^{*-})$	28914	28400	1	35608
28916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Xi}_c^0, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0\bar{K}^0D^{*0}\bar{D}^{*0}\Delta^0\bar{\Xi}_c^0)$	28915	28401	1	35609
28917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+K^*D^-D^{*+})$	2643	2637	1	35610

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-D^+D^-)$	28917	28403	1	35611
28919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+K^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-K^0K^*\bar{K}^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^*\bar{K}^*K^+K^-K^-D^+\bar{D}^0)$	28918	28404	1	35612
28920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \eta D^{*+}D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}D^{*+}D_s^-)$	28919	28405	1	35613
28921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	28920	28406	1	35614
28922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^0\bar{\Xi}_c^{*-}, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\eta\bar{D}^{*-}\Delta^0\bar{\Xi}_c^{*-})$	28921	28407	1	35615
28923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\rho^+\rho^-\eta K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta K^-\bar{D}^{*0}\bar{D}^{*0}\bar{n}\Delta^0)$	28922	28408	1	35616
28924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D_s^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}D_s^{*+}D_s^{*-})$	28923	28409	1	35617
28925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\omega D^0$ $(e^+e^- \to \pi^0\omega\bar{D}^{*-}D^0D_s^{*+})$	28924	28410	1	35618
28926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-})$	28925	28411	1	35619
28927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\psi', \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eK_SD_1^+\psi')$	28926	19963	1	35620
28928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^-D^+\bar{D}^{*-}D^0)$	28927	28412	1	35621
28929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0D_s^-, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^+\rho^+\rho^-K^0D^0D_s^-\Delta^+\bar{\Delta}^+)$	28928	28413	1	35622
28930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*0}\bar{n}\Delta^0)$	28929	28414	1	35623
28931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	28930	28415	1	35624
28932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta D^+D_1^+)$	28931	28416	1	35625
28933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*0}\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\eta\omega\omega K^0\bar{K}^0D^-D^{*0}\bar{p}\Delta^+)$	28932	28417	1	35626
28934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^-\bar{D}^{*-}D_s^{*+})$	28933	28418	1	35627

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^- K^+ D^+ \bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^-\omega K^+ D^+ D^{*+}\bar{D}^{*0})$	28934	28419	1	35628
28936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D_2^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	28935	28420	1	35629
28937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-})$	28936	28421	1	35630
28938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\Delta^+\bar{\Sigma}_c^{--})$	28937	28422	1	35631
28939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta D^-\bar{D}^{*0})$	28938	13623	1	35632
28940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^- D^- D^{*+})$	28939	28423	1	35633
28941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	28940	28424	1	35634
28942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\eta' D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta' D^+\bar{D}^{*-})$	28941	28425	1	35635
28943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-}D_{s1}'^-)$	28942	28426	1	35636
28944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^* n\bar{\Sigma}_c^0)$	28943	28427	1	35637
28945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_2^{*+}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\rho^-\omega D^+ D_2^{*+})$	28944	28428	1	35638
28946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D_2^{*-})$	28945	28429	1	35639
28947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+ K^+ K^{*-} D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ K^+ K^{*-} D^- D^{*0})$	28946	28430	1	35640
28948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0 D^{*0}\bar{D}^{*0}D_1'^-)$	28947	28431	1	35641
28949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\omega D^-, \bar{B}^0 \to \bar{K}^* D_s^+ D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\eta\omega\bar{K}^* D^- D_s^+ D_s^{*-})$	28948	28432	1	35642
28950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^0\bar{K}^0 D^{*+} D_s^{*-}$ $(e^+e^- \to e^+\nu_e K^0\bar{K}^0 D^- D^{*+} D_s^{*-})$	28949	28433	1	35643
28951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- D^-\bar{D}^{*0})$	28950	28434	1	35644

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+D^+\bar{D}^{*-})$	28951	28435	1	35645
28953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0 D_s^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta K^0K^0K^{*-}D^{*+}D_s^-)$	28952	28436	1	35646
28954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*K^+K^-D^+D^{*+}\bar{D}^{*-})$	28953	28437	1	35647
28955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^+K^0D^{*+}\bar{D}^{*-}D^0\Delta^-\bar{n})$	28954	28438	1	35648
28956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\rho^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-\rho^-D^{*+})$	28955	28439	1	35649
28957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^+K^{*-}\bar{D}^{*-}D^0)$	28956	28440	1	35650
28958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega\bar{K}^0K^{*+}D^-D^{*+})$	28957	28441	1	35651
28959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to \pi^0\rho^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^0K^-D^+\bar{\Delta}^+\Sigma_c^{++})$	28958	28442	1	35652
28960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\rho^-D^-D^{*+})$	28959	28443	1	35653
28961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^{*0}D_{s0}^{*-})$	28960	28444	1	35654
28962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\omega\bar{D}^{*-}D^0D_s^-D_s^{*+})$	28961	28445	1	35655
28963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\bar{K}^0D^-D^-D^{*0})$	28962	28446	1	35656
28964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\gamma\gamma$ $(e^+e^- \to \mu^+\nu_\mu\rho^-D^+\bar{D}^{*-}\gamma\gamma)$	28963	28447	1	35657
28965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^-D^{*+}D_0^{*+})$	28964	28448	1	35658
28966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta\eta\omega D^+D^+)$	28965	28449	1	35659
28967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\eta D^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+D^-D^-)$	28966	28450	1	35660
28968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^-D^{*+}D_2^{*+})$	28967	28451	1	35661

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\eta D^-D^{*+}D_s^+)$	28968	28452	1	35662
28970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^0K^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0K^0\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	28969	28453	1	35663
28971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to \pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^-\Delta^0\bar{\Delta}^0\gamma)$	28970	28454	1	35664
28972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{D}^{*-}D^{*0})$	28971	28455	1	35665
28973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^+D^-)$	2644	2638	1	35666
28974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\omega\bar{D}^{*-}D^{*0})$	28973	28457	1	35667
28975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+\bar{D}^{*0}\chi_{c0})$	28974	28458	1	35668
28976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\pi^+D^-D^{*+})$	28975	28459	1	35669
28977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^0J/\psi\Delta^+\bar{\Sigma}_c^{*-}\bar{K}_1^0)$	28976	28460	1	35670
28978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \eta\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\eta K^0\bar{K}^0D^+D^+D^-D^-)$	28977	28461	1	35671
28979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-n, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\bar{D}^{*-}\bar{\Delta}^-n\bar{\Delta}^+\Sigma_c^{*0})$	28978	28462	1	35672
28980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^*D^+D^-D^0)$	28979	28463	1	35673
28981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+p\bar{\Lambda}_c^-)$	28980	28464	1	35674
28982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta K^0D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\eta\eta K^0D^+D^-D_s^-)$	28981	28465	1	35675
28983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	28982	28466	1	35676
28984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^{*-}D^-\eta_c)$	28983	28467	1	35677
28985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+D_2^{*-}D_s^+D_s^{*-})$	28984	28468	1	35678

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
28986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+D^-n\bar{n})$	2645	2639	1	35679
28987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*+}D_s^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \omega K^-D^{*+}D^{*+}\bar{D}^0D_s^-)$	2646	2640	1	35680
28988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}D^0D_s^{*-})$	28987	28471	1	35681
28989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^0D^{*0}D_s^+)$	28988	28472	1	35682
28990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^+D_2^{*-}D_s^{*+})$	28989	28473	1	35683
28991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}D_1'^+)$	28990	28474	1	35684
28992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	28991	2261	1	35685
28993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}a_1^-\gamma)$	28992	28475	1	35686
28994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^+D^-D^{*+}D^{*0}\Delta^-\bar{\Delta}^0)$	28993	28476	1	35687
28995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^{*+}J/\psi)$	28994	28477	1	35688
28996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \omega K^+D^-$ $(e^+e^- \to e^+\nu_e\omega K^+D^-\bar{D}^{*-})$	28995	28478	1	35689
28997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+K^0\bar{D}^0D^{*0}, B^0 \to \pi^+\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^0\bar{D}^{*-}\bar{D}^0D^{*0})$	28996	28479	1	35690
28998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\omega K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	28997	28480	1	35691
28999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-})$	28998	28481	1	35692
29000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\omega\omega\bar{K}^0K^+D^+D^-\bar{D}^{*-})$	28999	28482	1	35693
29001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\omega K^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega K^0K^-D^{*+}\bar{D}^{*-})$	29000	28483	1	35694
29002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to D^-D^0D_s^+n\bar{\Delta}^0)$	29001	28484	1	35695

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \rho^-\eta\eta K^+K^-D^+$ $(e^+e^- \to \rho^-\rho^-\eta\eta\omega K^+K^-D^+D^+)$	29002	28485	1	35696
29004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D'^-_{s1}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^{*+}D'^-_{s1})$	29003	2914	1	35697
29005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-D^-D^{*+})$	29004	28486	1	35698
29006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}D^0\bar{D}^0)$	29005	28487	1	35699
29007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \rho^0\omega\bar{\Sigma}^-\Xi_c^+$ $(e^+e^- \to \rho^0\omega K^{*+}D^-D^{*0}\bar{\Sigma}^-\Xi_c^+)$	29006	28488	1	35700
29008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+K^0\bar{K}^0D^-D^{*+})$	29007	28489	1	35701
29009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^+)$	29008	28490	1	35702
29010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D'^+_1$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{\Delta}^0\Delta^+D'^+_1)$	29009	28491	1	35703
29011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-\bar{\Sigma}^+\Sigma^-$ $(e^+e^- \to \pi^+\rho^+\eta K^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	29010	28492	1	35704
29012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^{*0}\Delta^0\bar{\Delta}^+)$	29011	28493	1	35705
29013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \eta' D^{*0}$ $(e^+e^- \to \rho^+\eta'\bar{D}^{*-}D^{*0})$	29012	28494	1	35706
29014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+}\gamma)$	29013	28495	1	35707
29015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0\bar{D}^{*-}\eta_c)$	29014	28496	1	35708
29016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^-\omega\omega K^0D^+D^{*+}\bar{D}^{*-})$	29015	28497	1	35709
29017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta' D^+D^-)$	29016	28498	1	35710
29018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^{*-}_2, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}D^{*-}_2)$	2647	2641	1	35711
29019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}\Delta^{++}\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0D^+D^-D^{*+}\Delta^{++}\bar{\Delta}^{++})$	29018	28500	1	35712

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+}\Sigma^+\bar{\Sigma}^-)$	29019	28501	1	35713
29021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^-K^0D^{*+}D^0\bar{D}^{*0}D_s^-)$	29020	28502	1	35714
29022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\phi D_s^+, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^-\omega\phi D^{*+}D_s^+)$	29021	28503	1	35715
29023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	29022	28504	1	35716
29024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^+D^-D^-)$	29023	28505	1	35717
29025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\eta\omega\eta' D^-D^{*+})$	29024	28506	1	35718
29026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_{s1}'^-)$	29025	28507	1	35719
29027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+D_2^{*-})$	29026	28508	1	35720
29028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^+\bar{D}^{*-}n\bar{n})$	29027	28509	1	35721
29029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^+D^-)$	29028	28510	1	35722
29030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\omega K^*K^-D^-, \bar{B}^0 \to \pi^0\pi^0D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega K^*K^-D^-D_s^+D_s^{*-})$	29029	28511	1	35723
29031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^{*+}D_s^{*-})$	29030	28512	1	35724
29032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^0K^*K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega K^0K^*K^-D^-)$	29031	28513	1	35725
29033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\bar{K}^0D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{K}^0\bar{D}^{*-}D^0)$	29032	28514	1	35726
29034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, B^0 \to \bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*-})$	29033	28515	1	35727
29035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^{*+}\phi D^+$ $(e^+e^- \to \pi^-\pi^-\omega\bar{K}^0\bar{K}^0K^+K^{*+}\phi D^+D^-)$	29034	28516	1	35728
29036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\bar{\Delta}^{++}\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*-}\bar{\Delta}^{++}\Sigma_c^{*++}a_1^+)$	522	522	1	35729

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \omega K^0 K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\omega K^0 K^- D^+ \bar{D}^{*-})$	29036	28518	1	35730
29038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^-\Sigma^{*0}\bar{\Xi}^+, B^0 \to K^0\bar{K}^0\bar{D}^{*-}D_s^+$ $(e^+e^- \to K^0\bar{K}^0 D^-\bar{D}^{*-}D_s^+\Sigma^{*0}\bar{\Xi}^+)$	29037	28519	1	35731
29039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^- D^+ D^{*+})$	29038	10773	1	35732
29040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^-\bar{K}^* D_s^+ n\bar{n}$ $(e^+e^- \to \pi^-\bar{K}^* D^- D_s^+ D_s^{*+} n\bar{n})$	29039	28520	1	35733
29041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\eta\omega\bar{D}^{*-})$	29040	28521	1	35734
29042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	29041	28522	1	35735
29043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \rho^0\pi^-\eta\bar{K}^0 D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0 D^- D_s^+ D_s^+)$	29042	28523	1	35736
29044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^- K^+ K^- D^+$ $(e^+e^- \to e^+\nu_e X_u^-\pi^- K^+ K^- D^+)$	29043	28524	1	35737
29045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega D^+ n\bar{p}$ $(e^+e^- \to \omega K^* D^+ D^{*+}\bar{D}^{*-} n\bar{p})$	29044	28525	1	35738
29046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	29045	9101	1	35739
29047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^- D^{*+})$	29046	11437	1	35740
29048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \rho^0 D^{*+} n\bar{\Sigma}_c^{*0} D_{s0}^{*-})$	29047	28526	1	35741
29049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^+ D_2^{*-} D_s^+)$	29048	28527	1	35742
29050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to K^+\bar{D}^{*-}D^{*0}D_s^{*-}D_1^+)$	29049	28528	1	35743
29051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^- D^{*+}, \bar{B}^0 \to \rho^- K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \rho^- K^0 K^0\bar{K}^0 K^- D^{*+} D^{*+})$	29050	28529	1	35744
29052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}\Delta^+, \bar{B}^0 \to \pi^-\omega K^+ K^- D^+$ $(e^+e^- \to \pi^-\omega K^+ K^- D^+ D^-\bar{n}\Delta^+)$	29051	28530	1	35745
29053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega\eta' D^+ D^-)$	29052	28531	1	35746

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^- D^+ D_1^-)$	29053	28532	1	35747
29055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e X_u^- K^- D^{*+}\bar{D}^{*0})$	29054	28533	1	35748
29056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	29055	24929	1	35749
29057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}D^{*+}D_s^-)$	29056	28534	1	35750
29058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega\omega K^* D^+ D^+\bar{D}^{*-})$	29057	28535	1	35751
29059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^- K^0\bar{K}^0 D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\rho^+ K^0\bar{K}^0 D^+\bar{D}^{*-})$	29058	28536	1	35752
29060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^+\rho^-\eta D^- D^{*0})$	29059	28537	1	35753
29061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega K^*\bar{K}^* D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^*\bar{K}^* D^{*+}\bar{D}^{*-})$	29060	28538	1	35754
29062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^+ D^{*+}\Lambda\bar{\Sigma}_c^-)$	29061	28539	1	35755
29063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta' D^-, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^*\eta' D^- D^{*+}\bar{D}^{*-})$	29062	28540	1	35756
29064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}, \bar{B}^0 \to K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0 K^- D^+ D^+\bar{D}^0 D_s^{*-})$	29063	28541	1	35757
29065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega K^0\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0 D^-\bar{D}^0\bar{\Delta}^-\Delta^0)$	29064	28542	1	35758
29066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to K_2^{*0} J/\psi$ $(e^+e^- \to \pi^+\omega K_2^{*0} D^- J/\psi)$	29065	28543	1	35759
29067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\eta\omega D^{*+}\bar{D}^0)$	29066	28544	1	35760
29068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^* K^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\rho^-\bar{K}^* K^+\bar{D}^{*-})$	29067	28545	1	35761
29069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+\bar{p}\Delta^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^- D^+\bar{p}\Delta^+ D_1'^-)$	29068	28546	1	35762
29070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0 K^* D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	29069	27662	1	35763

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^-K^+D^+D^-$ $(e^+e^- \to \pi^-K^+K^+D^+D^-\bar{D}^{*-}D^{*0})$	29070	28547	1	35764
29072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\eta K^-D^+D^-$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta K^-D^+D^-D^{*+})$	29071	28548	1	35765
29073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to K^0K^*K^-D^{*+}\psi')$	29072	28549	1	35766
29074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	29073	28550	1	35767
29075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+\gamma$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-D^+\bar{D}^{*-}\gamma)$	29074	28551	1	35768
29076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \rho^-D_s^-p\bar{\Sigma}_c^0D_1'^+)$	29075	28552	1	35769
29077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0K^*D^+\bar{D}^0D_s^+)$	29076	28553	1	35770
29078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^0\bar{D}^0\Delta^+\bar{\Delta}^+)$	29077	28554	1	35771
29079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	29078	28555	1	35772
29080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}D_2^{*+}D_s^{*-})$	29079	28556	1	35773
29081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\psi', \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K_SD^{*+}\psi')$	29080	28557	1	35774
29082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^*K^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^*K^-D^+D^-\bar{\Delta}^-\Delta^0)$	29081	28558	1	35775
29083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta' D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+\eta' D^{*+}D_2^{*-})$	29082	28559	1	35776
29084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{\Delta}^0p, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^0p)$	29083	28560	1	35777
29085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-})$	29084	28561	1	35778
29086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\rho^0\pi^+D^-\bar{D}^{*-})$	29085	28562	1	35779
29087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\chi_{c1}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to K_L\pi^-K^0\bar{K}^*D^+\chi_{c1})$	29086	28563	1	35780

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\eta K^0K^-\phi D^{*+}$ $(e^+e^- \to \pi^0\eta K^0K^-\phi D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	29087	28564	1	35781
29089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^0\bar{D}^0\bar{D}^{*0})$	29088	28565	1	35782
29090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{K}^0D^-D^{*+}D_0^{*-})$	29089	28566	1	35783
29091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-K^0\bar{K}^0\bar{K}^*K^{*+}K^{*+}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \pi^-\rho^-K^0\bar{K}^0\bar{K}^0\bar{K}^*K^{*+}K^{*+}D^+D^-)$	29090	28567	1	35784
29092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-K^-K^{*+}D^+D^-D_s^+)$	29091	28568	1	35785
29093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\bar{D}^{*-}D^{*0})$	29092	28569	1	35786
29094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \rho^0\rho^-\omega\bar{K}^0D^+$ $(e^+e^- \to \rho^0\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}D_{s1}^+)$	29093	28570	1	35787
29095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega\omega D^-D^{*+})$	29094	28571	1	35788
29096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^-)$	29095	28572	1	35789
29097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	29096	28573	1	35790
29098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*0})$	29097	28574	1	35791
29099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*+}D_0^{*-})$	29098	28575	1	35792
29100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0)$	29099	28576	1	35793
29101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+K^+K^{*-}D^+\bar{D}^{*-})$	29100	28577	1	35794
29102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}p\bar{p})$	29101	28578	1	35795
29103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+D^-)$	29102	28579	1	35796
29104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega\bar{K}^*K^{*+}K^{*-}D^+D^-\bar{D}^{*-})$	29103	28580	1	35797

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-D^{*+}D_2^{*+}D_s^-)$	29104	28581	1	35798
29106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^{*+}D_2^{*+})$	29105	28582	1	35799
29107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta K^0D^{*+}\bar{D}^0)$	29106	28583	1	35800
29108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}D_s^+D_1^-)$	29107	28584	1	35801
29109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega\omega D^+D^-)$	29108	28585	1	35802
29110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi D^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^+K^-D^+p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^-\phi D^+D^-D_s^+p\bar{p})$	29109	28586	1	35803
29111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta K^-D^+\bar{D}^{*-})$	29110	28587	1	35804
29112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1^-, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}D_1^-)$	29111	4715	1	35805
29113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^-D^-D_s^+$ $(e^+e^- \to \pi^+\pi^-K^*D^-D^{*+}\bar{D}^{*-}D_s^+)$	29112	28588	1	35806
29114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \eta\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*D^-D^0\bar{D}^0)$	29113	28589	1	35807
29115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^0D^+D^-\bar{D}^{*-})$	29114	28590	1	35808
29116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\eta D^+\Delta^-\bar{p}$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^0\pi^+\eta D^+\Delta^-\bar{p})$	29115	28591	1	35809
29117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D^0)$	29116	28592	1	35810
29118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\rho^-D^+)$	29117	28593	1	35811
29119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^*K^+D^-D^{*+})$	29118	28594	1	35812
29120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta\eta\eta K^0D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\eta\eta\eta K^0\bar{D}^{*-}D_s^{*-})$	29119	28595	1	35813
29121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*-})$	29120	28596	1	35814

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+)$	29121	28597	1	35815
29123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0n\bar{p}, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \rho^+K^0\bar{K}^*n\bar{\Delta}^0\bar{p}\Sigma_c^0)$	29122	28598	1	35816
29124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\eta D^-n\bar{p}, \bar{B}^0 \to \pi^-K^0D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta K^0D^+D^-n\bar{p})$	29123	28599	1	35817
29125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^0D^-D^{*+})$	29124	28600	1	35818
29126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+\bar{D}^0)$	29125	28601	1	35819
29127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	29126	28602	1	35820
29128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	29127	28603	1	35821
29129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to K^{*+}\bar{D}^{*-}\bar{n}\Lambda$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Lambda D_{s1}'^+)$	29128	28604	1	35822
29130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+K^-K^{*+}D^-$ $(e^+e^- \to \pi^+K^-K^{*+}D^-\bar{D}^{*-}D_s^{*+})$	29129	28605	1	35823
29131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-K^+D^{*+}D^{*0}a_1^-)$	29130	28606	1	35824
29132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	29131	28607	1	35825
29133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^*K^-D^+\bar{D}^{*-})$	29132	28608	1	35826
29134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^+D^-)$	29133	28609	1	35827
29135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega D_2^{*+}\bar{D}^{*0}D_s^-)$	29134	28610	1	35828
29136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	29135	28611	1	35829
29137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^{*+}\bar{D}^{*-}D_s^{*-}\bar{n}p)$	29136	28612	1	35830
29138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	29137	28613	1	35831

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}p\bar{\Lambda}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\bar{D}^{*-}D^0p\bar{\Lambda})$	29138	28614	1	35832
29140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^{*-}\gamma, \bar{B}^0 \to K^*D^+\bar{p}\Lambda$ $(e^+e^- \to \rho^0K^*D^+\bar{p}\Delta^+\Lambda\bar{\Sigma}_c^{*-}\gamma)$	29139	28615	1	35833
29141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+\gamma$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^+D_2^{*-}\gamma)$	29140	28616	1	35834
29142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Xi}_c^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^0D^+\bar{D}^{*-}p\bar{\Xi}_c^{*-})$	29141	28617	1	35835
29143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\eta\bar{D}^{*0}D_s^+, B^0 \to \pi^-K^{*+}D^0\bar{D}^0$ $(e^+e^- \to \pi^-\pi^-\eta K^{*+}D^0\bar{D}^0\bar{D}^{*0}D_s^+)$	29142	28618	1	35836
29144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0D^{*+}\bar{D}^{*-}D_s^+D_{s1}'^-)$	29143	28619	1	35837
29145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+\rho^-K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-K^-\bar{D}^{*-}D^{*0})$	29144	28620	1	35838
29146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^+K^-D^-\chi_{c1})$	29145	28621	1	35839
29147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^+D^+\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^*K^+D^+D^+\bar{D}^{*-}\bar{D}^0)$	29146	28622	1	35840
29148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^+D^-)$	29147	28623	1	35841
29149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^0K^+K^-D^-D^{*+}D^0)$	29148	28624	1	35842
29150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\pi^0\rho^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^+D^-D^-)$	29149	28625	1	35843
29151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*-})$	29150	28626	1	35844
29152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0\bar{K}^0K^*$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0\bar{K}^0K^*D_2^{*+}D_s^{*-})$	29151	28627	1	35845
29153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\phi J/\psi$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\phi\bar{D}^{*-}J/\psi)$	29152	28628	1	35846
29154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+K^+K^-D^+\bar{D}^{*-})$	29153	28629	1	35847
29155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-K^-K^{*+}D^+\bar{D}^0D_s^+)$	29154	28630	1	35848

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^+ K^{*-} J/\psi$ $(e^+e^- \to \pi^+\pi^- K^{*-}\bar{D}^0 D_s^{*+} J/\psi)$	29155	28631	1	35849
29157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 K^{*+} K^{*-}\eta', \bar{B}^0 \to \rho^+\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^+\rho^-\rho^-\eta\bar{K}^0 K^{*+} K^{*-}\eta' D^{*+})$	29156	28632	1	35850
29158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_2^{*0}\phi, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- K_2^{*0}\phi D^+)$	29157	28633	1	35851
29159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+ K^- D^- D^{*+}\bar{D}^{*0})$	29158	28634	1	35852
29160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\bar{D}^0 D_s^{*+} D_1^+)$	29159	28635	1	35853
29161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^- K^* D^+\psi')$	29160	28636	1	35854
29162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^- n, \bar{B}^0 \to \rho^-\eta K^0\bar{K}^0 D^+$ $(e^+e^- \to \rho^-\eta K^0\bar{K}^0 D^+\bar{D}^{*-}\bar{\Delta}^- n)$	29161	28637	1	35855
29163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0 D^{*+}\bar{D}^0)$	29162	28638	1	35856
29164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ K^0 D^+ D^-)$	29163	28639	1	35857
29165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \eta D^{*+} D_s^-$ $(e^+e^- \to \pi^0\eta D^{*+}\bar{D}^{*-} D_s^-\bar{n}p)$	29164	28640	1	35858
29166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ D^- D_1^+)$	29165	28641	1	35859
29167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^+\rho^-\rho^- D^+ D^{*+})$	29166	28642	1	35860
29168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to D^{*0} n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\bar{D}^0 D^{*0} D_s^+ n\bar{n})$	29167	28643	1	35861
29169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^* J/\psi, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \omega K^* D^{*+} J/\psi a_1^-)$	29168	28644	1	35862
29170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+$ $(e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+)$	29169	28645	1	35863
29171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\bar{K}^0 D^{*+}\psi')$	29170	28646	1	35864
29172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^0, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+ K^+ D^- D^{*+} D^0)$	29171	28647	1	35865

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\rho^-\eta D^- D_2^{*+})$	29172	28648	1	35866
29174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\bar{D}^{*-}\bar{D}^{*-})$	29173	28649	1	35867
29175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+K^*K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^0K^*K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	29174	28650	1	35868
29176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}D^0)$	29175	28651	1	35869
29177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}p\bar{p}, \bar{B}^0 \to \rho^-D^+n\bar{n}$ $(e^+e^- \to \rho^-D^+D^{*0}n\bar{n}p\bar{p})$	29176	28652	1	35870
29178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \omega\omega K^+K^-K^-D^+$ $(e^+e^- \to \omega\omega K^+K^+K^-K^-D^+D^-D^{*0})$	29177	28653	1	35871
29179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-\rho^-D^+\bar{D}^{*0})$	29178	28654	1	35872
29180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+D^-D_{s1}'^+)$	29179	28655	1	35873
29181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^*\bar{K}^*\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-K^*\bar{K}^*D^0\bar{D}^{*0})$	29180	28656	1	35874
29182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to \pi^-D^{*+}\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^-\pi^-K^{*+}D^{*+}\eta_c\Sigma^+\bar{\Sigma}^-)$	29181	28657	1	35875
29183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-})$	29182	28658	1	35876
29184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-K^0D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\rho^-K^0D^-D^{*+})$	29183	28659	1	35877
29185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*-}\bar{D}^0)$	29184	28660	1	35878
29186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^+\bar{D}^{*0})$	29185	28661	1	35879
29187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\rho^+\bar{D}^{*-})$	29186	28662	1	35880
29188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+, \bar{B}^0 \to \bar{K}^*K^-\bar{D}^0D_s^+$ $(e^+e^- \to \rho^-K^0\bar{K}^0\bar{K}^*K^-D^+\bar{D}^0D_s^+)$	29187	28663	1	35881
29189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi)$	29188	28664	1	35882

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0\Delta^-\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^+\pi^+K^0\bar{K}^*D^+D^-\Delta^-\bar{\Lambda}_c^-)$	29189	28665	1	35883
29191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^+K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^+\bar{D}^{*-}D_1^+)$	29190	28666	1	35884
29192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*D^+D^+D^-)$	29191	28667	1	35885
29193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}D_s^-)$	29192	20607	1	35886
29194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\omega K^{*+}K^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^{*+}K^{*-}D^0\bar{D}^0)$	29193	28668	1	35887
29195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-K^+D^+\bar{D}^0)$	29194	28669	1	35888
29196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^-K^*D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-K^*D^-D^{*+}\bar{D}^0a_1^+)$	29195	28670	1	35889
29197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-K^{*+}D^+\bar{D}^{*0})$	29196	28671	1	35890
29198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-})$	29197	12761	1	35891
29199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+K^+\Xi^-\bar{\Xi}_c^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+K^+D^{*+}\bar{\Delta}^-\Delta^-\Xi^-\bar{\Xi}_c^-)$	29198	28672	1	35892
29200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^{*+}\bar{D}^{*0}D_0^{*+})$	29199	28673	1	35893
29201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+K^{*-}D^{*+}\bar{D}^{*-}D_1^-)$	29200	28674	1	35894
29202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-K^0K^-D^{*+}D_0^{*-})$	29201	28675	1	35895
29203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Lambda}\Lambda_c^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^-\bar{\Lambda}\Lambda_c^+)$	29202	28676	1	35896
29204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+})$	29203	26423	1	35897
29205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta K^+\bar{D}^{*-}D^0, B^0 \to \pi^+\pi^-\pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^+\bar{D}^{*-}D^0\bar{D}^0D_s^+)$	29204	28677	1	35898
29206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{D}^{*-}D^{*0}D_s^{*-}D_{s1}'^+)$	29205	28678	1	35899

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \omega\bar{K}^*K^{*+}D^+D^-a_1^-)$	29206	28679	1	35900
29208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \omega\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\omega D^-\bar{\Delta}^+\Sigma_c^+)$	29207	28680	1	35901
29209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\bar{\Delta}^0\Xi_c^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\bar{K}^0K^*D^0\bar{D}^0\bar{\Delta}^0\Xi_c^{*0})$	29208	28681	1	35902
29210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}\bar{p}\Delta^+)$	29209	28682	1	35903
29211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\rho^-\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta K^0K^-D^+D^-)$	29210	28683	1	35904
29212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^0K^0D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^+K^0K^*\bar{K}^*D^+D^-\bar{p}\Lambda)$	29211	28684	1	35905
29213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+})$	29212	28685	1	35906
29214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^+D^-)$	29213	28686	1	35907
29215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^0D^+D^{*+}\bar{D}^{*-}a_1^-)$	29214	28687	1	35908
29216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^{*-}D^+D^{*+}\bar{D}^{*0})$	29215	28688	1	35909
29217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta K^0D^+D^{*+})$	29216	28689	1	35910
29218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \rho^0\pi^-K^0K^0\bar{K}^*D^+J/\psi)$	29217	28690	1	35911
29219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Omega}_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0D^+n\bar{\Omega}_c^0)$	29218	28691	1	35912
29220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-K^*D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-K^*D^{*+}D^{*0})$	29219	28692	1	35913
29221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*D^-)$	29220	28693	1	35914
29222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}\bar{n}p)$	29221	28694	1	35915
29223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\eta\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta\eta\bar{D}^{*-}\bar{D}^{*-})$	29222	28695	1	35916

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^+D^0\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*+})$	29223	28696	1	35917
29225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^{*0}\bar{n}\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu D^{*0}\bar{n}\Sigma^0 D_1'^-)$	29224	28697	1	35918
29226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\eta\eta\omega, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\omega D^{*+})$	29225	28698	1	35919
29227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0K^+D^0$ $(e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^0K^+D^0p\bar{\Sigma}_c^-)$	29226	28699	1	35920
29228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^-\rho^-D_2^{*+}p\bar{\Sigma}_c^0)$	29227	28700	1	35921
29229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	29228	28701	1	35922
29230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+K^*D^-, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^*D^-\bar{D}^{*-})$	29229	28702	1	35923
29231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0J/\psi D_1'^+)$	29230	28703	1	35924
29232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}n\bar{n})$	29231	28704	1	35925
29233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^{*+}\bar{D}^0D_0^{*-})$	29232	28705	1	35926
29234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*+})$	29233	28706	1	35927
29235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta D^+D^-)$	29234	28707	1	35928
29236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-K^+D^+\bar{D}^0D^{*0})$	29235	28708	1	35929
29237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	29236	28709	1	35930
29238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-D^{*+})$	29237	28710	1	35931
29239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}n\bar{n}D_{s1}'^+)$	29238	28711	1	35932
29240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\omega K^*K^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega\omega K^*K^-D^-D^0)$	29239	28712	1	35933

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega D^-D^{*+})$	29240	28713	1	35934
29242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^0D^-D^{*+}\bar{D}^{*-})$	29241	28714	1	35935
29243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^*K^-D^+D^+\bar{D}^{*-}\bar{D}^{*0})$	29242	28715	1	35936
29244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^-D^{*0})$	29243	28716	1	35937
29245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D_s^{*-}, \bar{B}^0 \to \rho^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\rho^+K^*K^{*-}D^0D_s^{*-})$	29244	28717	1	35938
29246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to K^{*+}K^{*-}D^+D^-D^0\bar{D}^{*0})$	29245	28718	1	35939
29247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+\eta\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^+\eta\eta\eta\bar{D}^{*-}\bar{D}^{*-})$	29246	28719	1	35940
29248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-\eta\bar{D}^{*0}, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}\bar{D}^{*0})$	29247	28720	1	35941
29249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0K^+K^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0K^+K^-D^{*+}\bar{D}^0)$	29248	28721	1	35942
29250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*0})$	29249	28722	1	35943
29251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}\bar{D}^{*0})$	29250	28723	1	35944
29252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\bar{K}^0K^+D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0})$	29251	28724	1	35945
29253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D_2^{*-}D^0D_s^+D_s^{*-})$	29252	28725	1	35946
29254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}D_s^{*+}\eta_c)$	29253	28726	1	35947
29255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-K^+K^-D^+D^{*+})$	29254	28727	1	35948
29256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-})$	29255	3348	1	35949
29257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^0n\bar{\Delta}^0)$	29256	28728	1	35950

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, B^0 \to \pi^+K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^*K^+D^-\bar{D}^{*-})$	29257	28729	1	35951
29259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-\bar{p}\Delta^{++}D_1'^+)$	29258	28730	1	35952
29260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}D_s^{*-})$	29259	28731	1	35953
29261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega K^0D^+D^{*+})$	29260	28732	1	35954
29262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^-D^-D_s^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_s^{*+})$	29261	28733	1	35955
29263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\eta_c(2S), \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0D^0\eta_c(2S))$	29262	28734	1	35956
29264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \eta K^-D^{*+}n\bar{\Lambda}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta K^-D^-D^{*+}n\bar{\Lambda})$	29263	28735	1	35957
29265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\omega D^+D^{*+})$	29264	28736	1	35958
29266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^-\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{*0})$	29265	28737	1	35959
29267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^0, \bar{B}^0 \to \pi^0\eta\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^0\eta\omega\bar{K}^*\bar{D}^0D^{*0})$	29266	28738	1	35960
29268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^0\bar{D}^{*0}n\bar{n})$	29267	28739	1	35961
29269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+, \bar{B}^0 \to \rho^-\eta\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^-\rho^-\eta\omega\omega K^0\bar{K}^0D^+D^{*+})$	29268	28740	1	35962
29270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^-\Delta^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^+)$	29269	28741	1	35963
29271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \pi^-\eta D^+D^+a_1^-\gamma)$	29270	28742	1	35964
29272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^+D^0D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^*\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0K^*K^+\eta'D^{*+}D^0D_s^{*-})$	29271	28743	1	35965
29273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta K^0\bar{K}^0K^*\bar{K}^*D^-D^{*+})$	29272	28744	1	35966
29274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{\Delta}^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+D^+\bar{D}^{*-}p\bar{\Delta}^+)$	29273	28745	1	35967

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D_2^{*-})$	29274	28746	1	35968
29276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+\Lambda\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-)$	29275	28747	1	35969
29277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^-\omega K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^*K^*K^-D^+\bar{D}^{*-}D^0)$	29276	28748	1	35970
29278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	29277	28749	1	35971
29279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\bar{n}\Xi_c^+$ $(e^+e^- \to \pi^-K^+\bar{D}^{*-}D^{*0}\bar{n}\Xi_c^+)$	29278	28750	1	35972
29280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega D^+\bar{D}^{*0})$	29279	28751	1	35973
29281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta\omega K^-K^-D_s^+$ $(e^+e^- \to \pi^+\pi^+\eta\eta\omega\omega\omega K^-K^-\bar{D}^{*-}D_s^+)$	29280	28752	1	35974
29282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^-D^{*+}\bar{n}\Lambda$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-D^-D^{*+}\bar{n}\Lambda)$	29281	28753	1	35975
29283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \eta D^{*0}$ $(e^+e^- \to \eta\eta D^{*0}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	29282	28754	1	35976
29284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^+\pi^-K^+\bar{D}^{*-}J/\psi\bar{K}_1^0)$	29283	28755	1	35977
29285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^+\omega\bar{K}^0K^*\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\omega\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-})$	29284	28756	1	35978
29286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, B^0 \to \pi^+\pi^-K^0\eta'$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\eta'\Delta^+\bar{\Sigma}_c^{--})$	29285	28757	1	35979
29287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\eta D^{*+}\bar{D}^{*-}\gamma)$	29286	28758	1	35980
29288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\eta\bar{D}^0\bar{n}\Sigma_c^+)$	29287	28759	1	35981
29289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^+D_2^{*+})$	29288	28760	1	35982
29290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-})$	29289	28761	1	35983
29291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-K^+D^{*+}D^0\bar{D}^0)$	29290	28762	1	35984

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \rho^0\pi^+\omega\omega D^-D^{*+}D_{s0}^{*-})$	29291	28763	1	35985
29293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\eta\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\eta\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+})$	29292	28764	1	35986
29294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^-D_1'^+)$	29293	28765	1	35987
29295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^0\bar{K}^0\phi D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\bar{K}^*K^+D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^*K^+\phi D^0D_s^{*-})$	29294	28766	1	35988
29296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^0K^+D^-D^{*+}D_s^{*-})$	29295	28767	1	35989
29297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^0)$	29296	28768	1	35990
29298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{\Sigma}^{*0}\Xi_c'^+)$	29297	28769	1	35991
29299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	29298	28770	1	35992
29300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+K^-D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^-\bar{D}^{*-}D^0)$	29299	28771	1	35993
29301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	29300	28772	1	35994
29302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega K^0K^-\eta'D^+, \bar{B}^0 \to \pi^0\pi^0\pi^+K^+K^-K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^0K^+K^-K^{*-}\eta'D^+)$	2649	2643	1	35995
29303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*K^-D^-D^{*+}\bar{D}^{*0})$	29302	28774	1	35996
29304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+D^-D_{s1}'^+)$	29303	28775	1	35997
29305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0\bar{K}^*D^+D^-)$	29304	28776	1	35998
29306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-D^+D^-)$	29305	28777	1	35999
29307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^+K^-D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	29306	28778	1	36000
29308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^+K^-D^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^+\omega K^+K^-D^+D^-\Delta^-\bar{\Delta}^0)$	29307	28779	1	36001

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*0})$	29308	28780	1	36002
29310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^0\bar{K}^*D^+\bar{D}^{*-})$	29309	28781	1	36003
29311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	29310	28782	1	36004
29312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+\gamma, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^-D^{*+}a_1^+\gamma)$	29311	28783	1	36005
29313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D^-D^{*+})$	29312	28784	1	36006
29314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	29313	28785	1	36007
29315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\eta\omega K^+D^{*+}\eta_c)$	29314	28786	1	36008
29316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+D^-)$	29315	28787	1	36009
29317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^0, B^0 \to \pi^-\rho^+\eta\omega\omega\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\eta\omega\omega K^+\bar{D}^{*-}D^0\bar{D}^0)$	29316	28788	1	36010
29318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	29317	28789	1	36011
29319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\omega K^+K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\omega K^+K^-D^+D^-)$	29318	28790	1	36012
29320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^{*0}D_1'^-)$	29319	28791	1	36013
29321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^+D^-D_s^{*-})$	29320	28792	1	36014
29322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^+K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\eta\eta K^+K^{*-}D^+\bar{D}^{*-})$	29321	28793	1	36015
29323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+)$	29322	28794	1	36016
29324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^-\pi^-K^0D^-D^{*+}D^{*+}\bar{n}p)$	29323	28795	1	36017
29325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^-\omega K^+K^{*-}D^+$ $(e^+e^- \to \pi^-\omega K^+K^{*-}D^+\bar{D}^0\Delta^+\bar{\Delta}^+)$	29324	28796	1	36018

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-})$	29325	28797	1	36019
29327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^{*+}D^{*+}n\bar{p})$	29326	28798	1	36020
29328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu J/\psi K_1^0 D_0^{*+})$	29327	28799	1	36021
29329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to K^0\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to e^+\nu_eK^0\bar{\Delta}^0\Xi_c^{*0}D_0^{*-})$	29328	28800	1	36022
29330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\bar{K}^0K^+D^-D^{*+})$	29329	28801	1	36023
29331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^+D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\eta K^+D^-D^{*+}D^{*0})$	29330	28802	1	36024
29332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to K^+\bar{D}^{*-}D^0$ $(e^+e^- \to K^+K^+D^-\bar{D}^{*-}D^0D^{*0})$	29331	28803	1	36025
29333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\omega D^-\bar{D}^{*-})$	29332	28804	1	36026
29334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta\omega\bar{K}^0D^{*+}D^{*+})$	29333	28805	1	36027
29335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*\eta' D_s^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*\eta'\bar{D}^{*-}D_s^+D_s^+)$	29334	28806	1	36028
29336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \rho^0\rho^0\rho^+D^-$ $(e^+e^- \to \rho^0\rho^0\rho^+D^-\bar{D}^{*-}D_{s1}'^+)$	29335	28807	1	36029
29337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^*\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*0}D_s^+\gamma)$	29336	28808	1	36030
29338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0K^*D^+D^-D^{*+}\bar{D}^{*-})$	29337	28809	1	36031
29339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_eD^+n\bar{\Delta}^+D_0^{*-})$	2650	2644	1	36032
29340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0\bar{K}^0D^+D^0)$	29339	28811	1	36033
29341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	29340	28812	1	36034
29342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega K^+K^-D^{*+}\bar{D}^0)$	29341	28813	1	36035

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\omega K^- D^+ D^-)$	29342	28814	1	36036
29344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\bar{D}^{*-}D_2^{*+})$	29343	28815	1	36037
29345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 n\bar{n}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega K^0 D^{*+} n\bar{n})$	29344	28816	1	36038
29346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^- D_1^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{D}^0 D_s^{*+} D_1^+)$	29345	28817	1	36039
29347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, B^0 \to \pi^0\pi^0\eta\eta K^* K^+ K^- \bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta\eta K^* K^+ K^- \bar{D}^0\Delta^0\bar{\Sigma}_c^{*-})$	29346	28818	1	36040
29348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^- \bar{n}p, \bar{B}^0 \to \bar{K}^0 D_s^{*+} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0 D^- D_s^{*+} D_s^{*-}\bar{n}p)$	29347	28819	1	36041
29349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	29348	28820	1	36042
29350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+ p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^+\bar{D}^{*-}p\bar{p})$	29349	28821	1	36043
29351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, B^0 \to K^0 D_s^+ D_s^{*-}$ $(e^+e^- \to \pi^0 K^0 D_s^+ D_s^{*-} n\bar{\Sigma}_c^0)$	29350	28822	1	36044
29352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to e^+\nu_e\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\eta\bar{D}^{*-}D_1^-)$	29351	28823	1	36045
29353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^- D^{*0} p\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^- D^{*0} p\bar{p} D_0^{*-})$	29352	28824	1	36046
29354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^-\Delta^0)$	29353	28825	1	36047
29355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+\chi_{c1}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega K^+ D^{*+}\chi_{c1})$	29354	28826	1	36048
29356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\omega\omega D^+ D^-)$	29355	28827	1	36049
29357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\eta\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+} n\bar{\Delta}^+$ $(e^+e^- \to \pi^-\rho^+\eta\eta\bar{K}^* K^+ D^{*+}\bar{D}^{*-} n\bar{\Delta}^+)$	29356	28828	1	36050
29358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	29357	1550	1	36051
29359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega\eta' D^{*+}\bar{D}^{*-})$	29358	28829	1	36052

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\omega D^- D^{*+})$	29359	28830	1	36053
29361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^+\bar{D}^{*-})$	29360	28831	1	36054
29362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0\bar{K}^0\bar{K}^0, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta K^0\bar{K}^0\bar{K}^0 D^+)$	29361	28832	1	36055
29363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^- D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0 K^+\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0 K^+ D^-\bar{p}\Lambda_c^+)$	29362	28833	1	36056
29364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^- K^+ K^{*-}, \bar{B}^0 \to \pi^-\bar{K}^* D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^* K^+ K^{*-} D^{*+}\bar{D}^0)$	29363	28834	1	36057
29365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^- p\bar{p}, \bar{B}^0 \to \pi^0\pi^-\pi^- D^+\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+ D^+ D^-\bar{\Delta}^0 p\bar{p}\Delta^+)$	29364	28835	1	36058
29366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^+ K^- D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- D^{*0} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+ K^- D^- D^{*0} n\bar{n})$	29365	28836	1	36059
29367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Xi}_c^{*-}, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^- K^+ D^{*+}\Sigma^{*0}\bar{\Xi}_c^{*-})$	29366	28837	1	36060
29368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \rho^-\eta D^+\gamma$ $(e^+e^- \to \rho^-\eta D^+ D^- D_s^+\gamma)$	29367	28838	1	36061
29369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^{*+}\bar{D}^0)$	29368	22791	1	36062
29370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^+ n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-} n\bar{\Delta}^+)$	29369	28839	1	36063
29371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0\pi^- K^*\bar{K}^* D^+$ $(e^+e^- \to \pi^0\pi^0\pi^- K^*\bar{K}^* D^+ D^+ D_{s1}'^-)$	29370	28840	1	36064
29372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0\bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^*\bar{D}^{*-} D^0\bar{D}^0 D_s^+)$	29371	28841	1	36065
29373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	29372	28842	1	36066
29374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\rho^- D^+\bar{D}^{*-})$	29373	28843	1	36067
29375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^- D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	29374	28844	1	36068
29376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{n}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to D^{*+}\bar{D}^0 n\bar{n} a_1^-)$	29375	28845	1	36069

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \bar{K}^0K^-\bar{D}^{*-}\bar{D}^0D_s^+a_1^+)$	29376	28846	1	36070
29378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\eta D^{*+}\bar{D}^{*-})$	29377	28847	1	36071
29379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^{*0}\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^0D^+\Sigma^{*0}\bar{\Sigma}_c^{*0})$	29378	28848	1	36072
29380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\eta_c, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^-K^+K^{*-}D^+\bar{D}^{*0}\eta_c)$	29379	28849	1	36073
29381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0D^+\bar{D}^{*-})$	29380	28850	1	36074
29382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^*K^{*-}D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	29381	28851	1	36075
29383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}n\bar{\Sigma}_c^-)$	29382	28852	1	36076
29384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^+, \bar{B}^0 \to \pi^0\pi^0\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\omega D^+D^+n\bar{p})$	29383	28853	1	36077
29385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}X_{sd}\gamma)$	29384	28854	1	36078
29386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\bar{K}^0K^*\bar{K}^*D^-D_s^+)$	29385	28855	1	36079
29387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-D^+\bar{D}^0)$	29386	28856	1	36080
29388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to K^+D^+D_s^-\Delta^+\bar{\Sigma}_c^{--})$	29387	28857	1	36081
29389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^-K^+K^-\phi D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta K^+K^-\phi D^+D^-)$	29388	28858	1	36082
29390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+K^{*-}D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+K^{*-}\bar{D}^{*-}D^0)$	2651	2645	1	36083
29391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \eta' D^{*0}$ $(e^+e^- \to \rho^+\omega\eta' D^-D^{*0})$	29390	28860	1	36084
29392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^-\bar{\Delta}^-p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^-D^{*+}\bar{\Delta}^-p)$	29391	28861	1	36085
29393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\pi^+K^*D^-D^0$ $(e^+e^- \to \pi^0\pi^+K^*D^-D^-D^0D_s^+)$	29392	28862	1	36086

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c'^+$ $(e^+e^- \to \pi^-K^*D^-D^{*+}\bar{\Sigma}^{*0}\Xi_c'^+)$	29393	28863	1	36087
29395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\bar{D}^0\bar{D}^0D_s^+D_s^{*+})$	29394	28864	1	36088
29396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^*K^-K^-K^{*-}D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\eta K^*K^-K^-K^{*+}K^{*-}K^{*-}\bar{D}^{*-}D_s^+)$	29395	28865	1	36089
29397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+D^+D^-)$	29396	28866	1	36090
29398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	29397	28867	1	36091
29399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^+\Delta^-\bar{n})$	29398	28868	1	36092
29400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^-D^{*0}p\bar{\Delta}^+)$	29399	28869	1	36093
29401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to e^+\nu_eD_1'^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+D_1'^-)$	29400	28870	1	36094
29402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{\Delta}^+\Delta^{++})$	29401	28871	1	36095
29403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^+)$	29402	28872	1	36096
29404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega D^+\Delta^0\bar{\Sigma}_c^{*0})$	29403	28873	1	36097
29405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0)$	29404	28874	1	36098
29406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\rho^-\eta K^+, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0K^-D^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta\bar{K}^0K^+K^-D^-D_s^{*+})$	29405	28875	1	36099
29407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	29406	28876	1	36100
29408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}D_{s0}^{*+})$	29407	28877	1	36101
29409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to K^0D^+D^-D^0\Delta^0\bar{\Delta}^0)$	29408	28878	1	36102
29410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^+)$	29409	28879	1	36103

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^- K^+ D^+ D^{*+} \bar{D}^{*-} D_s^{*-})$	29410	28880	1	36104
29412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^{*-} D^{*0})$	2652	2646	1	36105
29413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta K^0 \bar{K}^* \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*-})$	29412	28882	1	36106
29414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^+ \bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ \pi^+\pi^- K^+ \bar{D}^{*-})$	29413	28883	1	36107
29415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- D^+ n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\eta D^+ \bar{D}^{*-} n\bar{p})$	29414	28884	1	36108
29416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^0 \bar{K}^* \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\omega K^0 \bar{K}^* D^+ \bar{D}^{*-})$	29415	28885	1	36109
29417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+ K^+ K^- D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^+ K^- D^- D^{*+})$	29416	8838	1	36110
29418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta D^+ \bar{D}^{*-})$	29417	28886	1	36111
29419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^- \bar{p}\Lambda_c^+)$	29418	28887	1	36112
29420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+ D^- D^{*0} D_1'^+)$	29419	28888	1	36113
29421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \rho^0\pi^- K^0 \bar{K}^* D^{*+}$ $(e^+e^- \to \rho^0\pi^- K^0 \bar{K}^* K^+ D^- D^{*+} D^{*0})$	29420	28889	1	36114
29422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau X_u^- D_1'^+)$	29421	28890	1	36115
29423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\omega K^0 \bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega K^0 \bar{K}^0 K^{*+} D^+ D^- D^{*0})$	29422	28891	1	36116
29424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+ D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^{*+} \bar{D}^0 \Delta^-\bar{n})$	29423	28892	1	36117
29425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ D^0 D_s^-, \bar{B}^0 \to \rho^0\pi^-\eta\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\eta D^+ D^0 D_s^-)$	29424	28893	1	36118
29426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^0\bar{\Lambda}, \bar{B}^0 \to \pi^- K^* \bar{K}^* D^+$ $(e^+e^- \to \rho^0\pi^- K^* \bar{K}^* D^+ \Delta^0\bar{\Lambda})$	29425	28894	1	36119
29427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^- K^{*+} \bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta\omega K^- K^{*+} D^{*+} \bar{D}^0)$	29426	28895	1	36120

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+D^-n\bar{n})$	29427	28896	1	36121
29429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \rho^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^0\bar{K}^0D^-D^0\bar{D}^{*0}\bar{n}p)$	29428	28897	1	36122
29430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^+D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\rho^-\omega K^+D^{*+}D^{*+}\bar{D}^{*0})$	29429	28898	1	36123
29431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{\Delta}^0\Sigma_c^{*0})$	29430	28899	1	36124
29432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+D^+\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\pi^+D^+\Delta^0\bar{\Delta}^{++}D_0^{*-})$	29431	28900	1	36125
29433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+n\bar{\Lambda}_c^-$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}n\bar{\Lambda}_c^-)$	29432	28901	1	36126
29434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to D^+D_{s1}'^-\gamma$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^+D_{s1}'^-\gamma)$	29433	28902	1	36127
29435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-K^0\bar{K}^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^*\bar{K}^*D^+D^-)$	29434	28903	1	36128
29436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*0})$	29435	28904	1	36129
29437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^+D^{*0}\bar{D}^{*0}\bar{D}^{*0})$	29436	28905	1	36130
29438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D_2^{*+}p\bar{\Lambda}_c^-)$	29437	28906	1	36131
29439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+\gamma, \bar{B}^0 \to \pi^-K^0K^-D^+\bar{n}\Delta^+$ $(e^+e^- \to \pi^-\rho^-K^0K^-D^+D^+\bar{n}\Delta^+\gamma)$	29438	28907	1	36132
29440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_2^{*-}, B^0 \to \pi^+\eta D^-$ $(e^+e^- \to \pi^+\rho^+\eta D^-D_2^{*-})$	29439	28908	1	36133
29441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \rho^-K^{*+}\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++})$	29440	28909	1	36134
29442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^0\bar{D}^0)$	29441	28910	1	36135
29443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\eta D^+\bar{D}^0)$	29442	28911	1	36136
29444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0)$	29443	28912	1	36137

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	29444	28913	1	36138
29446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-D_2^{*+}D_s^{*-})$	29445	28914	1	36139
29447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	29446	28915	1	36140
29448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\eta K^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta K^+D^+D_s^{*-})$	29447	28916	1	36141
29449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D^0D^{*0})$	29448	28917	1	36142
29450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^-D^{*+}D_2^{*-}D_s^+)$	29449	28918	1	36143
29451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega K_S D^+\eta_c)$	29450	28919	1	36144
29452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-K^+D^+D^+\bar{D}^{*-})$	29451	28920	1	36145
29453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^0K^-D^+D^-)$	29452	28921	1	36146
29454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	29453	28922	1	36147
29455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta\eta D^{*+}\bar{D}^{*-})$	29454	28923	1	36148
29456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0D^{*+}\bar{D}^{*-})$	29455	28924	1	36149
29457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^-D^{*+})$	29456	782	1	36150
29458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}p\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-D^-D^{*+}p\bar{\Delta}^+)$	29457	28925	1	36151
29459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^-\rho^-K^+D^+\chi_{c0})$	29458	28926	1	36152
29460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\omega\eta_c$ $(e^+e^- \to \pi^0\omega K^+\bar{D}^{*-}D^0\eta_c)$	29459	28927	1	36153
29461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega\omega D^+D_1'^+)$	29460	28928	1	36154

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-})$	29461	28929	1	36155
29463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}\bar{\Lambda}\Sigma^0, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^0\bar{\Lambda}\Sigma^0)$	29462	28930	1	36156
29464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}D^0n\bar{\Delta}^0)$	29463	28931	1	36157
29465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0$ $(e^+e^- \to \pi^0D^-D_s^{*+}\Delta^0\bar{\Sigma}_c^0)$	29464	28932	1	36158
29466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0n\bar{\Omega}_c^0, B^0 \to \pi^0\pi^+K^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*\bar{D}^{*-}D^0n\bar{\Omega}_c^0)$	29465	28933	1	36159
29467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\rho^-D^+D^-)$	29466	28934	1	36160
29468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-K^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-})$	29467	28935	1	36161
29469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^*D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^*D^+D^0\bar{D}^{*0})$	29468	28936	1	36162
29470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\eta D^+D^{*+})$	29469	28937	1	36163
29471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	29470	28938	1	36164
29472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta K^0K^0\bar{K}^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\eta K^0K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-})$	29471	28939	1	36165
29473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, B^0 \to D^-\bar{\Delta}^-n$ $(e^+e^- \to K^0D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^-n)$	29472	28940	1	36166
29474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*-}D_2^{*-}D_s^+)$	29473	28941	1	36167
29475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	29474	28942	1	36168
29476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^-D_1'^+)$	29475	28943	1	36169
29477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^+\bar{D}^{*-})$	29476	28944	1	36170
29478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D^{*+}D_s^{*-}D_1'^-)$	29477	28945	1	36171

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}p\bar{p}, \bar{B}^0 \to \pi^+K^0\bar{K}^*K^-D^{*0}$ $(e^+e^- \to \pi^+K^0\bar{K}^*K^-D^{*0}D^{*0}p\bar{p})$	29478	28946	1	36172
29480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu K^*D^-J/\psi)$	29479	28947	1	36173
29481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0\bar{K}^*K^{*+}K^{*-}D^+\bar{D}^{*-})$	29480	28948	1	36174
29482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^+, B^0 \to \tau^+\nu_\tau D_1^-$ $(e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_s^+D_1^-)$	29481	28949	1	36175
29483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0D^-\eta_c)$	29482	28950	1	36176
29484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	29483	28951	1	36177
29485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-})$	29484	28952	1	36178
29486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\omega, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\omega D^{*+})$	29485	28953	1	36179
29487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^+D^-)$	29486	28954	1	36180
29488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to J/\psi K_1^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}$ $(e^+e^- \to \eta J/\psi\Delta^0\bar{\Sigma}_c^{*0}K_1^0)$	29487	28955	1	36181
29489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0})$	29488	28956	1	36182
29490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}a_1^-)$	29489	28957	1	36183
29491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^-K^{*+}D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	29490	28958	1	36184
29492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-})$	29491	28959	1	36185
29493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^+K^-K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^+K^+K^-K^{*-}\bar{D}^{*-}D^{*0})$	29492	28960	1	36186
29494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \rho^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \rho^-\omega D^+D^-\bar{n}p\Delta^+\bar{\Delta}^+)$	29493	28961	1	36187
29495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	29494	28962	1	36188

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ D^+ D_s^{*-})$	29495	28963	1	36189
29497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0K^-D^+\bar{D}^0)$	29496	28964	1	36190
29498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^-D^+D^{*+}\bar{D}^{*0}D_s^{*-})$	29497	28965	1	36191
29499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-})$	29498	28966	1	36192
29500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^+K^0D^-D^{*0}$ $(e^+e^- \to \pi^+K^0K^*D^+D^-D^-D^{*0})$	29499	28967	1	36193
29501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta\bar{D}^0D_s^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^-\eta D^{*+}\bar{D}^0D_s^+a_1^-)$	29500	28968	1	36194
29502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^+D^{*+}D_s^-)$	29501	28969	1	36195
29503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0K^-K^{*+}D^+D^-)$	29502	28970	1	36196
29504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\psi', \bar{B}^0 \to \rho^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0K^0\bar{K}^0D^0\psi')$	29503	28971	1	36197
29505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+\rho^-\omega$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\rho^-\omega)$	29504	28972	1	36198
29506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^-\bar{D}^{*-})$	29505	28973	1	36199
29507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\rho^0D^-\bar{\Delta}^+\Lambda_c^+)$	29506	28974	1	36200
29508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	29507	28975	1	36201
29509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\rho^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0K^+\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	29508	28976	1	36202
29510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-D^+D_2^{*-}D_s^{*+})$	29509	28977	1	36203
29511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\rho^-K^+D^{*+}\bar{D}^0D^{*0})$	29510	28978	1	36204
29512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-K^-K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-K^0K^-\eta'D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-K^-K^{*+}\eta'D^+D^-)$	29511	28979	1	36205

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^-D^{*+}\bar{D}^0)$	29512	28980	1	36206
29514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}n\bar{p}a_1^+)$	29513	28981	1	36207
29515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to e^+\nu_eD^-$ $(e^+e^- \to e^+\nu_e\rho^+D^-D^-)$	29514	28982	1	36208
29516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^0D^{*+}\bar{D}^0D^{*0})$	29515	28983	1	36209
29517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^-D^{*+})$	29516	28984	1	36210
29518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Sigma}^-)$	29517	28985	1	36211
29519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^*K^{*-}D^+\bar{D}^0D^{*0}\bar{D}^{*0})$	29518	28986	1	36212
29520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^0\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^*D^+D^-\bar{\Delta}^-\Delta^0)$	29519	28987	1	36213
29521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^+n\bar{p}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\omega D^+D^+n\bar{p})$	29520	28988	1	36214
29522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^0\bar{\Omega}_c^{*0}, \bar{B}^0 \to \rho^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^-\bar{K}^0K^+K^-D^{*+}\Delta^0\bar{\Omega}_c^{*0})$	29521	28989	1	36215
29523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0D^{*+}\bar{D}^{*-})$	29522	28990	1	36216
29524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \rho^0\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta K^0\bar{K}^0D^+D^-)$	29523	28991	1	36217
29525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^-\omega K_SD^+\eta_c)$	29524	28992	1	36218
29526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^-\eta'D^+D^-D_s^{*+})$	29525	12778	1	36219
29527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+D^{*+}\bar{D}^0)$	29526	28993	1	36220
29528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\bar{D}^{*-}D_1^+)$	29527	28994	1	36221
29529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega K^0D^+D^+\bar{D}^0)$	29528	28995	1	36222

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-})$	29529	28996	1	36223
29531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega K^+K^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-}D^{*0})$	29530	28997	1	36224
29532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-})$	29531	28998	1	36225
29533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\rho^-\eta\omega\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^-\rho^-\eta\omega\bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*+})$	29532	28999	1	36226
29534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^{*+}D_2^{*-})$	29533	29000	1	36227
29535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^0D_s^{*+})$	29534	29001	1	36228
29536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+\rho^-D^{*+}\bar{D}^{*-}p\bar{p})$	29535	29002	1	36229
29537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^0K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\eta\omega K^0K^-D^+\bar{D}^{*-})$	29536	29003	1	36230
29538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\omega K^0K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\omega K^0K^-\bar{D}^{*-}D^{*0})$	29537	29004	1	36231
29539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\pi^-K^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0D^-\bar{D}^0)$	29538	29005	1	36232
29540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D_s^-D_s^{*+}, \bar{B}^0 \to \rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \rho^-\eta K^0K^{*+}K^{*-}D^{*+}D_s^-D_s^{*+})$	29539	29006	1	36233
29541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+n\bar{\Lambda}_c^-)$	29540	29007	1	36234
29542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}D_s^-)$	29541	29008	1	36235
29543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^0\bar{p}\Sigma^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^-D^0\bar{p}\Sigma^+)$	29542	29009	1	36236
29544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^{*+}D^-D^{*+}D^{*0})$	29543	29010	1	36237
29545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c(2S), \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^0D^{*+}\eta_c(2S))$	29544	29011	1	36238
29546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \mu^+\nu_\mu K_2^{*0}D^-J/\psi)$	29545	29012	1	36239

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0 D^{*+}\Delta^0\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0 D^{*+}\bar{D}^{*-}\Delta^0\bar{p})$	29546	29013	1	36240
29548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega\omega\bar{D}^{*-}D^{*0})$	29547	29014	1	36241
29549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega K^*D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega K^*D^-D^{*+})$	29548	29015	1	36242
29550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^*D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\omega\bar{K}^*D^-D^{*+})$	29549	29016	1	36243
29551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*p\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^{*+}D_s^{*-}p\bar{\Sigma}_c^-)$	29550	29017	1	36244
29552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_{s1}'^+)$	29551	29018	1	36245
29553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+)$	29552	29019	1	36246
29554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}\bar{\Sigma}^+\Sigma^-)$	29553	29020	1	36247
29555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \mu^+\nu_\mu D^-$ $(e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_{s1}'^+)$	29554	4222	1	36248
29556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0K^+K^-K^{*+}D^0$ $(e^+e^- \to \pi^-\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}D^0D_s^{*+})$	29555	29021	1	36249
29557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}D^{*+}D_s^{*-}a_1^-)$	29556	29022	1	36250
29558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta'$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^-\eta'\bar{D}^{*-})$	29557	29023	1	36251
29559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+K^{*+}\eta'D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+K^{*+}\eta'D^+D_s^{*-})$	29558	29024	1	36252
29560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D^0D_0^{*+})$	29559	29025	1	36253
29561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+D^-, B^0 \to \rho^+K^0K^-K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\rho^+K^0K^-K^{*+}D^-\bar{D}^{*-})$	29560	29026	1	36254
29562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0\bar{p}\Delta^+)$	29561	29027	1	36255
29563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e K^{*-}D^{*+}D^{*+}\bar{D}^{*0})$	29562	29028	1	36256

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- K^0 K^{*-} D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^- K^0 K^{*-} D^{*+} D_1^+)$	29563	29029	1	36257
29565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\eta K^* K^- D^-, \bar{B}^0 \to \pi^0\pi^+ K^-\psi'$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\eta K^* K^- K^- D^-\psi')$	29564	29030	1	36258
29566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^+, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^- K^- D^+ D^{*+}\bar{D}^{*0})$	29565	29031	1	36259
29567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega D^+ D^-)$	29566	29032	1	36260
29568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	29567	29033	1	36261
29569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+ D^{*+} D^{*+})$	29568	29034	1	36262
29570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^- D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+ D^0)$	29569	29035	1	36263
29571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\eta K^*\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^* D^{*+}\bar{D}^0)$	29570	29036	1	36264
29572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0 D^- D^{*+} D^{*+})$	29571	29037	1	36265
29573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^0\eta K^* K^{*-} D^+$ $(e^+e^- \to \pi^0\eta K^0 K^* K^{*-} D^+ D^+ D^-)$	29572	29038	1	36266
29574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \rho^0\rho^+\eta K^0 K^- D^+ D^-)$	29573	29039	1	36267
29575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^{*-} D^{*+}\bar{D}^{*-})$	29574	29040	1	36268
29576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to K_2^{*0} J/\psi$ $(e^+e^- \to K_2^{*0} D_s^{*+} J/\psi D_1'^-)$	29575	29041	1	36269
29577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+ D^- D^{*+})$	29576	29042	1	36270
29578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^+ D^-, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^- K^0 D^+ D^+ D^-)$	29577	29043	1	36271
29579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\rho^+ D^-, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+ D^-\bar{D}^{*-})$	29578	29044	1	36272
29580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to D^+\bar{D}^{*0} D_s^{*-}\Delta^+\bar{\Delta}^+)$	29579	29045	1	36273

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* K^- K^{*+}, \bar{B}^0 \to \pi^+ K_0^{*-}$ $(e^+e^- \to \pi^0\pi^+ K^* K^- K^{*+} K_0^{*-})$	29580	29046	1	36274
29582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\pi^+ K^- D^+ \bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+ K^- D^+ \bar{D}^{*-} \bar{D}^{*-} D_s^+)$	29581	29047	1	36275
29583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e \pi^+\rho^+\rho^- \bar{D}^{*-} D_1^+)$	29582	29048	1	36276
29584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\omega \bar{D}^0, \bar{B}^0 \to \eta D^+ D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta\omega D^+ \bar{D}^0 D_s^{*-})$	29583	29049	1	36277
29585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \bar{K}^* D^0 \bar{D}^0$ $(e^+e^- \to e^+\nu_e \bar{K}^* D_2^{*-} D^0 \bar{D}^0)$	29584	29050	1	36278
29586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu \bar{D}^{*-} \bar{D}^{*0}\bar{\Lambda}\Sigma^0)$	29585	29051	1	36279
29587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^- K^* \bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^- K^* D^+ \bar{D}^{*-} D_{s1}'^-)$	29586	29052	1	36280
29588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^+\bar{\Sigma}^{*0}, \bar{B}^0 \to \rho^- D^+\gamma$ $(e^+e^- \to \rho^- D^+ D^- \Delta^+\bar{\Sigma}^{*0}\gamma)$	29587	29053	1	36281
29589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0 D^- D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ D^- \bar{D}^{*-} D_s^{*+})$	29588	29054	1	36282
29590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\rho^0\pi^+ D^-, B^0 \to \pi^-\pi^- K^+ D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- K^+ D^+ D^-)$	29589	29055	1	36283
29591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 \bar{D}^{*-} D^{*0}, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^+ K^0 \bar{D}^{*-} D^{*0} D_s^- D_1^+)$	29590	29056	1	36284
29592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^- D^{*+} D_s^{*-})$	29591	29057	1	36285
29593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to \rho^0 D^+ D_s^{*-} p\bar{\Sigma}_c^-)$	29592	29058	1	36286
29594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\pi^-\omega\bar{K}^0 K^+ D^- D^{*+})$	29593	29059	1	36287
29595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^- \bar{K}^0 K^{*+} D^{*+}$ $(e^+e^- \to e^+\nu_e \pi^0\pi^-\rho^- \bar{K}^0 K^{*+} D^{*+} \bar{D}^{*-})$	29594	29060	1	36288
29596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^- D^+ \bar{D}^{*-})$	29595	6185	1	36289
29597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0 p, \bar{B}^0 \to e^-\bar{\nu}_e \rho^+$ $(e^+e^- \to e^-\bar{\nu}_e \rho^+ D^- \bar{\Delta}^0 p)$	29596	29061	1	36290

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^+D_s^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D_s^-)$	29597	29062	1	36291
29599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\eta\eta\bar{K}^0D^-D^{*0})$	29598	29063	1	36292
29600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	29599	29064	1	36293
29601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*0}D_s^-)$	29600	29065	1	36294
29602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta D^+D^-)$	29601	29066	1	36295
29603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D^{*+}D_s^-D_{s1}'^-)$	29602	29067	1	36296
29604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^+K^-p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^+K^-\bar{D}^{*-}D_s^{*+}p\bar{p})$	29603	29068	1	36297
29605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\omega K^{*+}D^+\bar{D}^{*-}D^{*0})$	29604	29069	1	36298
29606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^+\pi^-K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-K^*K^{*+}K^{*-}D^-D^{*+}D^{*0})$	29605	29070	1	36299
29607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to e^+\nu_eD^{*+}a_1^-D_1'^-)$	29606	29071	1	36300
29608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\eta\eta'D^{*+}\bar{D}^{*-}D_s^{*+})$	29607	29072	1	36301
29609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+K^-\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^-\eta_c\bar{\Delta}^0\Sigma_c^{*+})$	29608	29073	1	36302
29610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^+\pi^-\Lambda\bar{\Sigma}_c^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{D}^0D_s^+\Lambda\bar{\Sigma}_c^{*0})$	29609	29074	1	36303
29611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta K^0D_s^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^0D^{*+}D_s^{*-}D_s^{*-})$	29610	29075	1	36304
29612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	29611	29076	1	36305
29613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-\rho^+\rho^-\omega D^+)$	29612	29077	1	36306
29614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\Sigma_c^{*+}\bar{\Sigma}_c^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\Sigma_c^{*+}\bar{\Sigma}_c^{*-}D_1^-)$	29613	29078	1	36307

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-, \bar{B}^0 \to \pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0D^+D^-D^0)$	29614	29079	1	36308
29616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+K^-D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+K^-D_2^{*-}D^{*0}\bar{D}^{*0}D_s^+)$	29615	29080	1	36309
29617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^0\bar{K}^0D^-D^{*+})$	29616	29081	1	36310
29618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^+\bar{D}^{*-})$	29617	29082	1	36311
29619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\bar{D}^{*-}D^0D_s^{*-})$	29618	29083	1	36312
29620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*D^-D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-D^0\bar{D}^{*0})$	29619	29084	1	36313
29621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^+D^-)$	29620	29085	1	36314
29622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+K^*K^-D^+n\bar{\Sigma}_c^-)$	29621	29086	1	36315
29623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^+K^-D^-D^{*+}\bar{D}^0)$	29622	29087	1	36316
29624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta'\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta'D^+\bar{D}^0D_s^{*+}n\bar{p})$	29623	29088	1	36317
29625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to K^-D^-\bar{\Delta}^+\Sigma_c^{++}D_{s1}'^+)$	29624	29089	1	36318
29626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-\bar{\Delta}^+\Sigma_c^+)$	29625	29090	1	36319
29627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to \pi^+D^-p\bar{p}$ $(e^+e^- \to \pi^+K^*D^-D^-D^{*+}p\bar{p})$	29626	29091	1	36320
29628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0)$	29627	29092	1	36321
29629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*J/\psi, B^0 \to \pi^0\pi^+\pi^+\rho^-K^0K^*D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^0K^*K^*D_s^{*-}J/\psi)$	29628	29093	1	36322
29630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0D^+D^-D_s^+D_{s1}'^-)$	29629	29094	1	36323
29631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^*D^-D^{*+}D^{*+})$	29630	29095	1	36324

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K^0 D^{*+} D^{*+}\bar{D}^{*-})$	29631	29096	1	36325
29633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0 D^+ D^-\bar{n}p)$	29632	29097	1	36326
29634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+ K^-\psi'$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+ K^- D^- D_s^{*+}\psi')$	29633	29098	1	36327
29635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^+\bar{D}^0$ $(e^+e^- \to K^+ K^{*-} D^+\bar{D}^{*-}\bar{D}^0)$	29634	29099	1	36328
29636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^- K^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^- D^0\bar{n}p$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^- K^0 D^0\bar{n}p)$	29635	29100	1	36329
29637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^0)$	29636	15847	1	36330
29638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^+ D^{*+})$	29637	29101	1	36331
29639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\omega\omega\bar{K}^0 K^+ D^+ D^-)$	29638	29102	1	36332
29640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^+ D^{*+} D_s^{*-})$	29639	29103	1	36333
29641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0 K^{*-} D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\eta\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\eta\bar{K}^0 K^{*-} D^{*+} D^0\bar{D}^0\bar{D}^0)$	29640	29104	1	36334
29642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0 K^{*-}\bar{\Sigma}^-\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^{*-}\bar{D}^{*0}\bar{\Sigma}^-\Sigma_c^{*++})$	29641	29105	1	36335
29643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^- K^{*+}\phi\bar{D}^0, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^- K^{*+}\phi D^+\bar{D}^0)$	29642	29106	1	36336
29644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D^- D^{*+}, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ K^* D^- D^{*+} D^0 D_s^{*-})$	29643	29107	1	36337
29645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^+, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^-\rho^+\rho^- D^+ D^- D_s^+)$	29644	29108	1	36338
29646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^0)$	29645	29109	1	36339
29647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^- D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	29646	29110	1	36340
29648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-\gamma\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+ D^- D^{*+}\gamma\gamma)$	29647	29111	1	36341

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	29648	29112	1	36342
29650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^* D^{*+}\eta_c)$	29649	29113	1	36343
29651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 D^{*+}\bar{D}^{*-}, B^0 \to K^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0 K^* D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	29650	29114	1	36344
29652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+K^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^+K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	29651	29115	1	36345
29653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^0 D_s^+)$	29652	29116	1	36346
29654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^+\rho^-\omega D^- D^{*+})$	29653	2521	1	36347
29655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1'^+)$	29654	29117	1	36348
29656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^0 D^+ D^{*0}\bar{D}^{*0})$	29655	29118	1	36349
29657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+\bar{D}^{*-})$	29656	29119	1	36350
29658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^- D^-\bar{D}^{*-})$	29657	29120	1	36351
29659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^* D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	29658	29121	1	36352
29660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^{*-}D^+D_2^{*+}\bar{D}^0 D_s^{*-})$	29659	29122	1	36353
29661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta K^- D^{*+}\bar{D}^{*-})$	29660	29123	1	36354
29662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\pi^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ D^- D_{s0}^{*+})$	29661	29124	1	36355
29663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-)$	29662	29125	1	36356
29664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^+K^-\psi'$ $(e^+e^- \to \pi^+K^-D^+D_s^{*-}\psi')$	29663	29126	1	36357
29665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^-K^{*+}D^-D^{*+})$	29664	29127	1	36358

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\bar{D}^{*-})$	29665	29128	1	36359
29667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega D^+\bar{D}^{*-})$	29666	29129	1	36360
29668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*D^-D^0, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^-D^0D^0)$	29667	13464	1	36361
29669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-D^+D_1'^-)$	29668	29130	1	36362
29670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Lambda_c^+, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0D^{*+}\Delta^+\bar{\Delta}^+\bar{\Delta}^{++}\Lambda_c^+)$	29669	29131	1	36363
29671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^+D_2^{*-})$	29670	29132	1	36364
29672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0D^-, B^0 \to \rho^+\eta\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+\eta\eta K^0D^-\bar{D}^{*-})$	29671	29133	1	36365
29673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\eta'D^-, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^-K^0\bar{K}^*\bar{K}^*K^+\eta'D^+D^-)$	29672	29134	1	36366
29674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{\Lambda}\Sigma^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^+)$	29673	29135	1	36367
29675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-})$	29674	29136	1	36368
29676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1^-, B^0 \to \rho^+K^0D^-$ $(e^+e^- \to e^+\nu_e\rho^+K^0D^-D_1^-)$	29675	29137	1	36369
29677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^+\rho^-D^+\bar{D}^0\Delta^0\bar{\Sigma}_c^{*-})$	29676	29138	1	36370
29678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	29677	29139	1	36371
29679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\rho^-\rho^-D^+D_1^-)$	29678	29140	1	36372
29680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^0\pi^0\pi^+K^0K^-D^{*+}\bar{D}^{*-}\chi_{c1})$	29679	29141	1	36373
29681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0\bar{K}^0\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	29680	29142	1	36374
29682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^+\bar{K}^0D^-\bar{n}\Sigma_c^0\gamma)$	2653	2647	1	36375

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^+\pi^- K^+ D^{*+} \bar{D}^{*-} D^0 D_s^{*-})$	29682	29144	1	36376
29684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\rho^-\eta_c, B^0 \to \rho^0\rho^0 K^0\eta_c$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^- K^0\eta_c\eta_c)$	29683	29145	1	36377
29685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^* K^{*-} D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0 K^* K^{*-} D^+ D^{*+})$	29684	29146	1	36378
29686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+ K^0 D^+ \bar{D}^{*0})$	29685	29147	1	36379
29687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0 D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0 K^{*+} D^+ \bar{D}^{*-} D^{*0} n\bar{p})$	29686	29148	1	36380
29688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}, \bar{B}^0 \to \rho^-\omega\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^-\omega\omega\omega D^{*+}\bar{\Delta}^+\Sigma_c^{*++})$	29687	29149	1	36381
29689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^-\bar{p}\Sigma_c^{*++})$	29688	29150	1	36382
29690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^+ D^- D^{*+})$	29689	29151	1	36383
29691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\omega K^{*-} D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\omega K^{*-}\bar{D}^{*-} D_s^{*+})$	29690	29152	1	36384
29692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+})$	29691	29153	1	36385
29693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^- D^{*+})$	29692	29154	1	36386
29694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0 D^{*+} D_2^{*-} D_s^+)$	29693	29155	1	36387
29695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta K^* D^+\eta_c)$	29694	29156	1	36388
29696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^-\bar{D}^{*-} D^{*0})$	29695	29157	1	36389
29697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0 K^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	29696	29158	1	36390
29698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	29697	29159	1	36391
29699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^+ D^- D_s^-)$	29698	29160	1	36392

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0}\Delta^+\bar{\Delta}^+)$	29699	29161	1	36393
29701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}D^{*+}n\bar{p})$	29700	29162	1	36394
29702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0K^{*-}D_s^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0K^{*-}D^-D_s^{*+}\gamma)$	29701	29163	1	36395
29703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-\bar{D}^{*-})$	29702	29164	1	36396
29704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-D^{*+}D^{*+})$	29703	29165	1	36397
29705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta D^+D_0^{*-})$	29704	29166	1	36398
29706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^+n\bar{\Sigma}_c^0)$	29705	29167	1	36399
29707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_2^{*+})$	29706	29168	1	36400
29708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^*K^*K^{*-}D^{*+}\bar{D}^{*-})$	29707	29169	1	36401
29709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\eta'D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\eta'D^+D^-)$	29708	29170	1	36402
29710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0D^+D^-)$	29709	29171	1	36403
29711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-K^+K^-D^+, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0\eta'D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0K^+K^-\eta'D^+D^+)$	29710	29172	1	36404
29712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-D^+D^-D_s^{*+})$	29711	29173	1	36405
29713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+D^-\bar{\Delta}^+\Sigma^+, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^+D^-D^{*0}\bar{\Delta}^+\Sigma^+)$	29712	29174	1	36406
29714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^{*+}D_s^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0K^{*+}D^{*+}D_s^-D_{s1}'^-)$	29713	29175	1	36407
29715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^+\bar{D}^{*-})$	29714	6740	1	36408
29716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D_{s1}'^+)$	29715	29176	1	36409

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\omega D^{*+}\bar{D}^0 D_s^+)$	29716	29177	1	36410
29718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	29717	18526	1	36411
29719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	29718	29178	1	36412
29720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_L\psi', \bar{B}^0 \to \pi^0\pi^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0 K_L\pi^- D^+\bar{D}^0\psi')$	29719	29179	1	36413
29721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-\bar{D}^0\bar{n}p, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}\bar{n}p\gamma)$	29720	29180	1	36414
29722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ K^0 D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ K^0 D^- D^{*+})$	29721	29181	1	36415
29723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^{*+}D^-, \bar{B}^0 \to \bar{K}^0\bar{K}^0 D^- D_s^+$ $(e^+e^- \to \bar{K}^0\bar{K}^0\bar{K}^0 K^{*+}D^- D^- D_s^+)$	2654	2648	1	36416
29724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0)$	29723	29183	1	36417
29725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\bar{K}^0 D^-$ $(e^+e^- \to e^+\nu_e\pi^+\bar{K}^0 D^- D_1^-)$	29724	29184	1	36418
29726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ n\bar{p}$ $(e^+e^- \to \pi^+\pi^- D^+ D^- n\bar{p} D_{s0}^{*+})$	29725	29185	1	36419
29727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-})$	29726	29186	1	36420
29728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^- D^{*+}p\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\pi^- D^{*+}p\bar{p} D_1'^-)$	29727	29187	1	36421
29729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \rho^0\rho^+ K^0 K^- D^+ D^-)$	29728	29188	1	36422
29730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^- K^+ D^- D^{*+} D^{*0})$	29729	29189	1	36423
29731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^0 D^- D^{*0} D_s^+ n\bar{\Delta}^0)$	29730	29190	1	36424
29732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+\eta D^+ D^-)$	29731	29191	1	36425
29733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^{*+}\bar{D}^{*-}n\bar{n})$	29732	29192	1	36426

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \rho^+\rho^+\bar{K}^0 D^- \bar{D}^{*-} D^{*0})$	29733	29193	1	36427
29735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^0\pi^0\rho^-\omega K^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^-\omega K^+ D_1^-)$	29734	29194	1	36428
29736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega\eta' D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega\eta' D^+ D^-)$	29735	29195	1	36429
29737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^- D^{*+})$	29736	29196	1	36430
29738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^- D^+ D^{*+} a_1^-)$	29737	29197	1	36431
29739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^- D^{*0}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega K^0 D^+ D^- D^{*0})$	29738	29198	1	36432
29740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+ K^- K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+ K^- K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	29739	29199	1	36433
29741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \omega K^0\bar{D}^0 D^{*0}, B^0 \to \pi^0 K^0\bar{K}^0 K^+ K^{*-}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\omega K^0 K^0\bar{K}^0 K^+ K^{*-}\bar{D}^0 D^{*0}\bar{D}^{*0})$	29740	29200	1	36434
29742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega D^+ D^-)$	29741	29201	1	36435
29743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+ K^* K^- D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+ K^* K^- D^- D^0)$	29742	29202	1	36436
29744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^0)$	29743	29203	1	36437
29745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^{*+} D^0\bar{D}^0)$	29744	29204	1	36438
29746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 K^{*+}\bar{D}^{*-} D^{*0}, B^0 \to \bar{K}^0 K^{*+} K^{*+} K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0 K^{*+} K^{*+} K^{*+} K^{*-}\bar{D}^{*-}\bar{D}^{*-} D^{*0})$	29745	29205	1	36439
29747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 K^- D^-\bar{n}p, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^- K^0 K^- D^+ D^- D_s^{*-}\bar{n}p)$	29746	29206	1	36440
29748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\eta D^+ D^-)$	29747	29207	1	36441
29749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\eta K^- D^{*+}\bar{D}^{*-}\bar{D}^0)$	29748	29208	1	36442
29750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^+\omega K^* K^{*-} D^- D^{*+})$	29749	29209	1	36443

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta\omega D^-, \bar{B}^0 \to \bar{K}^0\bar{K}^0 D^- D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta\omega\bar{K}^0\bar{K}^0 D^- D^- D_s^{*+})$	29750	29210	1	36444
29752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \rho^0 K^* K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 K^* K^- D^+ D_2^{*-})$	29751	29211	1	36445
29753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \eta\omega D^0 p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega D^- D^0 p\bar{p})$	29752	29212	1	36446
29754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0 K^{*+} D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0 K^{*+} K^{*+} D^{*+}\bar{D}^{*-} D^0)$	29753	29213	1	36447
29755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+ K^0 K^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+ K^0 K^- D^- D_1^+)$	29754	29214	1	36448
29756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1^-, \bar{B}^0 \to D^0\bar{\Delta}^0\Lambda$ $(e^+e^- \to D^0 D_s^{*+}\bar{\Delta}^0\Lambda D_1^-)$	29755	29215	1	36449
29757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta p\bar{p}\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta p\bar{p}\bar{\Delta}^+\Delta^{++}\bar{\Delta}^{++}\Sigma_c^{*0})$	29756	29216	1	36450
29758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-} D^0, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \omega K^+ D^{*+}\bar{D}^{*-} D^0 a_1^-)$	29757	29217	1	36451
29759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^*\bar{K}^* K^{*+}, \bar{B}^0 \to \pi^0\rho^-\eta\eta' D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-\eta K^*\bar{K}^* K^{*+}\eta' D^+)$	29758	29218	1	36452
29760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^+\pi^-\pi^- D^+\bar{D}^{*-} D_s^+)$	29759	29219	1	36453
29761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \rho^+ K^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}$ $(e^+e^- \to \rho^+ K^* K^{*-} D^- D^{*+}\Sigma^{*0}\bar{\Sigma}^{*0})$	29760	29220	1	36454
29762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\omega D^- D_2^{*+})$	29761	29221	1	36455
29763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* p\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \pi^0\bar{K}^0 K^* D^0\bar{D}^0 p\bar{\Lambda}_c^-)$	29762	29222	1	36456
29764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 K^+ D^+ D^- D_s^{*-})$	29763	29223	1	36457
29765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to K^{*-} D^{*+}$ $(e^+e^- \to \rho^+ K^{*-} D^{*+} D_2^{*-})$	29764	29224	1	36458
29766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^+ D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^* D^+ D_s^+ D_s^{*-})$	29765	29225	1	36459
29767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\pi^-\rho^-\bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0 K^{*+} D^+ D^-)$	29766	29226	1	36460

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+ D^{*+} n\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+ D^- D^{*+} n\bar{\Delta}^{++})$	29767	29227	1	36461
29769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{D}^{*-} D^{*0}\bar{n}p)$	29768	29228	1	36462
29770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to e^+\nu_e\bar{K}^* D^- D^{*+} D_1'^-)$	29769	29229	1	36463
29771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\bar{K}^* D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\bar{K}^*\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	29770	29230	1	36464
29772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^- K^* D^+ D^- D^{*+})$	29771	29231	1	36465
29773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0})$	29772	29232	1	36466
29774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	29773	798	1	36467
29775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^+ K^- D^+ D^-$ $(e^+e^- \to \pi^+ K^- D^+ D^-\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	29774	29233	1	36468
29776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^- D^+ n\bar{n}$ $(e^+e^- \to \rho^- K^0 D^+ D^{*0}\bar{D}^{*0} n\bar{n})$	29775	29234	1	36469
29777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\bar{D}^0 D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^{*+}\bar{D}^0 D_s^{*+})$	29776	29235	1	36470
29778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-} D^{*0}\Delta^0\bar{\Delta}^0)$	29777	29236	1	36471
29779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0 D^{*+}\bar{D}^{*-} n\bar{p}\bar{\Sigma}^+\Sigma^0)$	29778	29237	1	36472
29780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+ K^0 K^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+} n\bar{p}$ $(e^+e^- \to \rho^0\rho^0\pi^+ K^0 K^- D^{*+}\bar{D}^{*0} n\bar{p})$	29779	29238	1	36473
29781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D_s^+ D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^{*+} D_s^+ D_s^-)$	29780	29239	1	36474
29782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 p\bar{\Xi}_c^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} p\bar{\Xi}_c^-)$	29781	29240	1	36475
29783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0 K^+ D^- D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta K^+ D^- D^{*+} D^{*0})$	29782	29241	1	36476
29784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D_s^- D_s^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\bar{K}^0\bar{D}^{*-} D_s^- D_s^{*+}\gamma)$	29783	29242	1	36477

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^-D^{*+})$	29784	29243	1	36478
29786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-K^0D^+D^{*+}\bar{D}^{*0})$	29785	29244	1	36479
29787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{p}\Sigma_c^{*+}$ $(e^+e^- \to \omega\bar{K}^0K^{*+}\bar{D}^{*-}\bar{p}\Sigma_c^{*+})$	29786	29245	1	36480
29788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^0, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0K^-D^{*+}\bar{D}^0)$	29787	29246	1	36481
29789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-J/\psi$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta'\bar{D}^{*-}J/\psi)$	29788	29247	1	36482
29790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega\omega K^+D^+D^+\bar{D}^{*-})$	29789	29248	1	36483
29791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\eta K^*K^-K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^*K^-K^-D^{*+}\bar{D}^{*0})$	29790	29249	1	36484
29792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0})$	29791	29250	1	36485
29793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	29792	29251	1	36486
29794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Lambda\bar{\Xi}_c'^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}D^{*+}\Lambda\bar{\Xi}_c'^-)$	29793	29252	1	36487
29795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta K^{*-}D^+D^+\bar{D}^{*0})$	29794	29253	1	36488
29796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c'^0, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to K_L\pi^-\eta_cp\bar{\Xi}_c'^0)$	29795	29254	1	36489
29797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\eta\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-\rho^+\eta D_2^{*+}\bar{D}^0)$	29796	29255	1	36490
29798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^{*+}D^+D_s^{*-}n\bar{p})$	29797	29256	1	36491
29799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\eta K^*K^{*-}D^{*+}\bar{D}^{*-})$	29798	29257	1	36492
29800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\omega\omega D^+D^{*+})$	29799	29258	1	36493
29801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \mu^+\nu_\mu X_u^-D^{*+}a_1^-)$	29800	29259	1	36494

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\eta D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta D^-\bar{D}^{*-})$	29801	29260	1	36495
29803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	29802	29261	1	36496
29804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0D^{*+}D^{*+}\bar{D}^{*-})$	29803	29262	1	36497
29805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-K^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^*J/\psi)$	29804	29263	1	36498
29806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-\bar{p}\Delta^{++})$	29805	29264	1	36499
29807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-\bar{n}\Lambda, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0D^+D^-\bar{n}\Lambda)$	29806	29265	1	36500
29808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^+\bar{D}^0, \bar{B}^0 \to \pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^+K^-K^{*+}D^{*+}\bar{D}^0)$	29807	29266	1	36501
29809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	29808	29267	1	36502
29810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \rho^0\pi^-\eta\eta' D^+$ $(e^+e^- \to \rho^0\pi^-\eta\eta' D^+D^-\bar{\Delta}^+\Delta^{++})$	29809	29268	1	36503
29811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \omega K^-D^+\bar{D}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^-D^+D^+\bar{D}^0)$	29810	29269	1	36504
29812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^0D_s^{*+}\bar{\Delta}^+\Sigma_c^0)$	29811	29270	1	36505
29813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^0)$	29812	29271	1	36506
29814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta' D^-D^{*+})$	29813	29272	1	36507
29815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^+\eta' D^{*+}D^0\bar{D}^0)$	29814	29273	1	36508
29816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^0\bar{D}^0D_s^{*-}\bar{p}\Delta^+)$	29815	29274	1	36509
29817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\rho^+D^-\bar{D}^{*-})$	29816	29275	1	36510
29818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-})$	29817	29276	1	36511

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta K^*\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta K^*D^{*+}\bar{D}^0D_s^{*-}\gamma)$	29818	29277	1	36512
29820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^+K^*K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^*K^-D^+\bar{D}^{*-}D_s^+)$	29819	29278	1	36513
29821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0\bar{K}^0\bar{D}^0D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^+\bar{D}^0D_s^{*+}D_s^{*-})$	29820	29279	1	36514
29822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta D^+D^-a_1^+)$	29821	29280	1	36515
29823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+D^-, B^0 \to \pi^+\pi^-D^-D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^-D_s^{*+})$	29822	29281	1	36516
29824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+K^+\Delta^+\bar{\Delta}^+\Sigma_c^{*0}\bar{\Sigma}_c^{--})$	29823	29282	1	36517
29825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\rho^-\eta D^+\bar{D}^0)$	29824	29283	1	36518
29826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \omega\bar{K}^*n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^*D^-n\bar{n})$	29825	29284	1	36519
29827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}D_s^-)$	29826	29285	1	36520
29828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^+D^-)$	29827	18771	1	36521
29829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D^{*+}\bar{D}^{*0})$	29828	29286	1	36522
29830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*J/\psi, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\omega K^*D^{*+}J/\psi)$	29829	29287	1	36523
29831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^{*0}D_s^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-K^*D^+D^{*0}D_s^-D_s^-)$	29830	29288	1	36524
29832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-K^0\bar{K}^0D^+D^-)$	29831	29289	1	36525
29833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^-D^{*+})$	29832	29290	1	36526
29834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-})$	29833	17540	1	36527
29835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^0K^+K^-D^+D^-D^{*0})$	29834	29291	1	36528

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-D_2^{*+}D_s^{*-})$	29835	29292	1	36529
29837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta\omega D^+\bar{D}^{*-})$	29836	29293	1	36530
29838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0\eta'\bar{D}^{*-}J/\psi)$	29837	29294	1	36531
29839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^0K^-D^+$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0K^-D^+)$	29838	29295	1	36532
29840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0})$	29839	29296	1	36533
29841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^{*-}D^{*+}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^0K^-K^{*-}D^+D^{*+}\bar{D}^{*0})$	29840	29297	1	36534
29842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^+\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{\Delta}^0\Xi_c^{*0}$ $(e^+e^- \to \eta K^0D^+\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*0})$	29841	29298	1	36535
29843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0D^{*+}\bar{D}^{*-}n\bar{p})$	29842	29299	1	36536
29844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^-D^{*+}D_s^{*+}\gamma)$	29843	29300	1	36537
29845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^+\rho^-K^0K^0K^-D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^0K^-D^+D^-)$	29844	29301	1	36538
29846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^0D^+D^-, \bar{B}^0 \to \pi^-\bar{K}^0D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0D^+D^+D^-\bar{D}^0)$	29845	29302	1	36539
29847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}D^{*0})$	29846	29303	1	36540
29848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-K^0K^-K^-D^+D^+\bar{D}^{*0})$	29847	29304	1	36541
29849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega D^-)$	29848	29305	1	36542
29850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\eta D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta K^{*+}\bar{D}^{*-}D^0D^0)$	29849	29306	1	36543
29851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^*D^+D^+D^-)$	29850	29307	1	36544
29852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-\gamma, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta D^-D^0D_s^-\gamma)$	29851	29308	1	36545

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to J/\psi \bar{K}_1^{\prime 0}$ $(e^+e^- \to D_2^{*+}D_s^{*-}J/\psi\bar{K}_1^{\prime 0})$	29852	29309	1	36546
29854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\eta\eta\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta\eta\bar{K}^0\bar{D}^{*-}D^{*0})$	29853	29310	1	36547
29855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^-D^{*+}D_1^+)$	29854	29311	1	36548
29856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*D^-\eta_c)$	29855	29312	1	36549
29857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*D^+D^-\bar{D}^{*-})$	29856	29313	1	36550
29858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^{\prime +}\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_{s1}^{\prime +}\gamma)$	29857	29314	1	36551
29859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^-\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	29858	29315	1	36552
29860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+\gamma, \bar{B}^0 \to \rho^+\omega K^0\bar{K}^0K^{*-}$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^0K^{*-}D^-D_s^+\gamma)$	29859	29316	1	36553
29861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega D^-D^{*+}a_1^-)$	29860	29317	1	36554
29862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D^0)$	29861	29318	1	36555
29863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta D^-, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^+\eta D^-\bar{D}^{*-})$	29862	29319	1	36556
29864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\omega D^-)$	29863	29320	1	36557
29865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	29864	29321	1	36558
29866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+\gamma$ $(e^+e^- \to K^+D^-D^{*0}D_s^{*-}D_1^+\gamma)$	29865	29322	1	36559
29867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^{*-}D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^{*-}\bar{D}^{*-}D_s^+)$	29866	29323	1	36560
29868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^{\prime +}\gamma, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \bar{K}^0D^-\eta_cD_{s1}^{\prime +}\gamma)$	29867	29324	1	36561
29869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^{*+})$	29868	29325	1	36562

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\eta' D^+, \bar{B}^0 \to \pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^- K^+ K^{*-}\eta' D^+ D^{*+})$	29869	29326	1	36563
29871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\rho^-\omega\omega\omega D^+ D^-)$	29870	29327	1	36564
29872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K_S D^{*+}\eta_c\Delta^-\bar{\Delta}^0)$	29871	29328	1	36565
29873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-} D_2^{*+})$	29872	29329	1	36566
29874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\chi_{c1}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^-\pi^- K^+ D^+ D_s^-\chi_{c1})$	29873	29330	1	36567
29875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^{*+} K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+ K^{*+} K^{*-} D^{*+}\bar{D}^{*-})$	29874	29331	1	36568
29876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to e^+\nu_e\rho^0\bar{K}^0 D^+ D^- D^-)$	29875	29332	1	36569
29877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^{*+}\eta_c, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-}\eta_c)$	29876	29333	1	36570
29878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^{*+} D^{*0})$	29877	29334	1	36571
29879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega K^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 K^- D^- D^{*+} D_s^{*+})$	29878	16253	1	36572
29880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-})$	29879	29335	1	36573
29881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^-\eta\bar{K}^0 K^{*+} D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^0 K^{*+} D^+\bar{D}^{*-})$	29880	29336	1	36574
29882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\omega\bar{D}^{*0}\bar{n}\Sigma_c^{*0})$	29881	29337	1	36575
29883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+, B^0 \to \rho^0\pi^+\rho^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\bar{D}^0\bar{D}^{*0} D_s^+)$	29882	29338	1	36576
29884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \eta\omega K^0 K^-\phi D^+$ $(e^+e^- \to \eta\omega K^0 K^+ K^-\phi D^+\bar{D}^{*-} D^{*0})$	29883	29339	1	36577
29885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^* D^+\bar{D}^{*-} D_2^{*-} D_s^{*+})$	29884	29340	1	36578
29886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-} D^0\Lambda\bar{\Sigma}^0)$	29885	29341	1	36579

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^+D^{*+}p\bar{\Sigma}_c^{--})$	29886	29342	1	36580
29888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^+D^{*+}D_s^-)$	29887	29343	1	36581
29889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta\eta D^-D^0)$	29888	29344	1	36582
29890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta\eta' D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\eta'\bar{D}^{*-}D^0)$	29889	29345	1	36583
29891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^-D_{s1}'^+)$	29890	29346	1	36584
29892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*K^{*+}D^+D^-\bar{D}^{*-}D^{*0})$	29891	29347	1	36585
29893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{n}\Lambda$ $(e^+e^- \to \pi^0\rho^0K^0D^{*0}\bar{D}^{*0}\bar{n}\Lambda)$	29892	29348	1	36586
29894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}D^{*+}D_s^{*-})$	29893	29349	1	36587
29895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-\omega\omega D^-D^{*+})$	29894	29350	1	36588
29896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-K^+D^+D^{*+}\bar{D}^{*-})$	29895	29351	1	36589
29897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^-\omega D^-D_s^{*+}\bar{n}\Sigma_c^0)$	29896	29352	1	36590
29898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+D_s^+n\bar{\Lambda}_c^-)$	29897	29353	1	36591
29899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-\gamma, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+D_2^{*+}D_s^{*-}D_1^-\gamma)$	29898	29354	1	36592
29900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+D^+D_s^-n\bar{p})$	29899	29355	1	36593
29901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	29900	29356	1	36594
29902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to K^0D_2^{*+}D^{*0}\bar{D}^{*0}D_s^{*-})$	29901	29357	1	36595
29903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0D_s^{*-})$	29902	29358	1	36596

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^* J/\psi$ $(e^+e^- \to e^+\nu_e X_u^- \pi^+\pi^-\bar{K}^* J/\psi)$	29903	29359	1	36597
29905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to K^*K^+K^{*-}K^{*-}D^{*+}$ $(e^+e^- \to K^*K^+K^{*-}K^{*-}D^{*+}\bar{D}^{*-}D_s^{*+})$	29904	29360	1	36598
29906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	29905	29361	1	36599
29907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e X_u^- \pi^0\bar{\Delta}^+\Sigma_c^{*+})$	29906	29362	1	36600
29908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \omega\bar{K}^0 D^0$ $(e^+e^- \to e^+\nu_e\omega\bar{K}^0 D^- D^0)$	29907	29363	1	36601
29909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^- K^0\bar{K}^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^- K^0\bar{K}^0\bar{K}^0 D^+\bar{D}^{*-}a_1^+)$	29908	29364	1	36602
29910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0 D^- D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ K^0 D^- D^{*+} D^0)$	29909	29365	1	36603
29911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^- D^+\bar{D}^{*-})$	29910	17129	1	36604
29912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^- D^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+)$	29911	29366	1	36605
29913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\bar{D}^0, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta\omega\bar{K}^0\bar{D}^0 D^{*0}\bar{D}^{*0})$	29912	29367	1	36606
29914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^-\eta D^+ D^-)$	29913	29368	1	36607
29915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^* K^+ D^- D^{*+})$	29914	29369	1	36608
29916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^- D^+ D_0^{*+})$	29915	29370	1	36609
29917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^-\psi'$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+ K^-\bar{D}^{*-}\psi')$	29916	29371	1	36610
29918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_1'^+$ $(e^+e^- \to \rho^- K^* D^{*+}\bar{D}^{*-} D_1'^+)$	29917	29372	1	36611
29919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^+ D^-)$	29918	17395	1	36612
29920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to \pi^+\pi^- D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^- K_S D^{*+}\eta_c\Sigma^0\bar{\Sigma}^-)$	29919	29373	1	36613

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega D^+\bar{D}^0D_s^+)$	29920	29374	1	36614
29922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^{*-}, B^0 \to \omega D^0\bar{D}^0$ $(e^+e^- \to \rho^0\omega D^0\bar{D}^0\Delta^+\bar{\Sigma}_c^{*-})$	29921	29375	1	36615
29923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta D^-\bar{p}\Sigma_c^+)$	29922	29376	1	36616
29924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to D^+\bar{D}^{*-}D_{s1}'^+D_{s1}'^-)$	29923	29377	1	36617
29925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\rho^+\eta D^{*+}\bar{D}^{*-}n\bar{p})$	29924	29378	1	36618
29926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^0)$	29925	29379	1	36619
29927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^-D^{*+}, \bar{B}^0 \to \pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+K^0K^{*-}D^-D^-D^{*+}D^{*+})$	29926	29380	1	36620
29928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^*D^-, \bar{B}^0 \to \pi^+\pi^+\eta K^-\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\eta K^*K^-D^-\bar{D}^{*-}D^0)$	29927	29381	1	36621
29929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+K^0D^-D^{*+})$	29928	29382	1	36622
29930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta'D^+\Sigma^-\bar{\Sigma}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*\phi D^+$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*\eta'\phi D^+D^+\Sigma^-\bar{\Sigma}^0)$	29929	29383	1	36623
29931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0K^{*-}D^{*+}\bar{D}^{*-})$	29930	29384	1	36624
29932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^+K^{*-}D^{*+}\bar{D}^{*-})$	29931	29385	1	36625
29933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}D_s^{*+}D_1^-)$	29932	29386	1	36626
29934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	29933	29387	1	36627
29935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-K^+D^-D^{*+}, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^0K^+K^{*-}D^+D^-D^{*+})$	29934	29388	1	36628
29936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	29935	29389	1	36629
29937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	29936	29390	1	36630

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{D}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D^{*0})$	29937	29391	1	36631
29939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega D^+\bar{D}^{*-})$	29938	29392	1	36632
29940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0D^{*+}n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-D^{*+}n\bar{\Delta}^+)$	29939	29393	1	36633
29941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^0K^0K^-D^+D^+\bar{D}^{*-}\bar{D}^0)$	29940	29394	1	36634
29942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D'^+_{s1}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D'^+_{s1})$	29941	29395	1	36635
29943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K_SD^{*+}\eta_c)$	29942	29396	1	36636
29944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+D^-\bar{\Delta}^+\Sigma_c^{*0})$	29943	29397	1	36637
29945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^+D_s^-, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^+D^+D_s^-)$	29944	29398	1	36638
29946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\eta D^0$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\eta\bar{D}^{*-}D^0)$	29945	29399	1	36639
29947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-K^*K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-K^*K^{*-}D^{*+}D_2^{*+})$	29946	29400	1	36640
29948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^+\bar{D}^{*-}n\bar{n})$	29947	29401	1	36641
29949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D_s^-p\bar{\Lambda}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \omega D^+D_s^-D_s^-p\bar{\Lambda})$	29948	29402	1	36642
29950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^-D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^0K^+K^-D^-D^{*+}\bar{D}^{*-})$	29949	29403	1	36643
29951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^+D^-\Delta^-\bar{\Delta}^0)$	29950	29404	1	36644
29952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-})$	29951	29405	1	36645
29953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^+K^{*-}D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+K^{*-}D^+D^-\bar{D}^{*-})$	29952	29406	1	36646
29954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}\gamma$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-\omega D^{*+}D^{*+}\gamma)$	29953	29407	1	36647

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^0K^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^*K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	29954	29408	1	36648
29956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^-D^+\bar{D}^{*-}\bar{D}^0\gamma)$	29955	29409	1	36649
29957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, B^0 \to \pi^+\omega K^*\bar{K}^*\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega K^*\bar{K}^*\bar{D}^{*-}\bar{D}^0\bar{p}\Delta^+)$	29956	29410	1	36650
29958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^+D_1'^+)$	29957	29411	1	36651
29959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta' D^-\bar{n}p, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \eta' D^-D^{*+}D_s^-\bar{n}p)$	29958	29412	1	36652
29960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*K^-D^+\bar{D}^{*-})$	29959	29413	1	36653
29961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^0)$	29960	29414	1	36654
29962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\eta D^+D^-)$	29961	29415	1	36655
29963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega D^-, B^0 \to K^-p\bar{\Xi}_c^{*0}$ $(e^+e^- \to \rho^+\omega K^-D^-p\bar{\Xi}_c^{*0})$	29962	29416	1	36656
29964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\psi', \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0K^0\bar{K}^*D^+\psi')$	29963	29417	1	36657
29965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+})$	29964	29418	1	36658
29966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+})$	29965	3814	1	36659
29967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to \pi^+\pi^-K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-K^{*-}D^+K_1^0\psi')$	29966	29419	1	36660
29968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\eta\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\eta\bar{K}^*K^+D^+D^-)$	29967	29420	1	36661
29969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\eta\omega\bar{K}^0K^+D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\eta\omega\bar{K}^0K^+D^{*+}D^{*+})$	29968	29421	1	36662
29970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-}D^{*0}a_1^+)$	29969	29422	1	36663
29971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^0\bar{K}^*K^+D^+\bar{D}^{*-}D^{*0})$	29970	29423	1	36664

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-)$	29971	29424	1	36665
29973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\Delta^0\bar{\Lambda}_c^-)$	29972	29425	1	36666
29974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0p, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*-}\bar{\Delta}^0p)$	29973	29426	1	36667
29975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+\eta D^-D^{*+})$	29974	29427	1	36668
29976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}D_{s1}'^+\gamma)$	29975	29428	1	36669
29977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \omega D^+D^-D_s^-\bar{\Sigma}^+\Sigma^0)$	29976	29429	1	36670
29978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to K^{*+}\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{p}\Xi_c'^0)$	29977	29430	1	36671
29979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\chi_{c0}, \bar{B}^0 \to \rho^-\bar{K}^0D^+\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0D^+\chi_{c0}\gamma)$	29978	29431	1	36672
29980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+D_2^{*+}D_s^{*-})$	29979	29432	1	36673
29981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0\psi'$ $(e^+e^- \to \bar{K}^0K^{*+}\bar{D}^{*-}D^{*0}\psi')$	29980	29433	1	36674
29982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^-D^{*0}D_1^+)$	29981	29434	1	36675
29983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\eta D^-D_1^+)$	29982	29435	1	36676
29984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\rho^-D^+D^-p\bar{\Delta}^{++})$	29983	29436	1	36677
29985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-K^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^-K^-D^+D_0^{*-})$	29984	29437	1	36678
29986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^+\chi_{c1}, B^0 \to \pi^0\pi^0\pi^0K_0^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^+K_0^0\chi_{c1})$	29985	29438	1	36679
29987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-})$	29986	29439	1	36680
29988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta D^{*+}D_1'^-)$	29987	29440	1	36681

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
29989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-})$	29988	29441	1	36682
29990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{D}^{*-})$	29989	29442	1	36683
29991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0D_s^+$ $(e^+e^- \to \pi^-\pi^-\bar{K}^0K^+D^-D^{*+}D_s^+)$	29990	29443	1	36684
29992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to K^{*+}D^+\bar{\Delta}^{++}\Lambda$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^{*+}D^+D^-\bar{\Delta}^{++}\Lambda)$	29991	29444	1	36685
29993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0\Delta^{++}\bar{\Delta}^{++}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D_2^{*+}\bar{D}^0\Delta^{++}\bar{\Delta}^{++})$	29992	29445	1	36686
29994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+D^-D^{*+})$	29993	29446	1	36687
29995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	29994	29447	1	36688
29996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^0\bar{K}^0K^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0K^+D^{*+}a_1^-)$	29995	29448	1	36689
29997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^+D^+D_s^-$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+D^+\bar{D}^0D_s^-)$	29996	29449	1	36690
29998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to D^-D^{*+}n\bar{n}p\bar{p})$	29997	29450	1	36691
29999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to D^+D_s^{*-}\gamma$ $(e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*-}\bar{\Delta}^+\Delta^{++}\gamma)$	29998	29451	1	36692
30000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\omega K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega\omega K^*K^{*-}D^-D^{*+})$	29999	29452	1	36693
30001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0J/\psi, B^0 \to \pi^+\pi^-\rho^+K^0\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0K^0\bar{D}^{*-}J/\psi)$	30000	29453	1	36694
30002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^*D^+D_2^{*-}D_s^+)$	30001	29454	1	36695
30003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}a_1^-)$	30002	20104	1	36696
30004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_LJ/\psi, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to K_L\omega J/\psi\bar{\Delta}^0\Sigma_c^0)$	30003	29455	1	36697
30005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}\bar{n}p)$	30004	29456	1	36698

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega\omega\omega\bar{K}^0\bar{D}^{*-}D_s^{*+})$	30005	29457	1	36699
30007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^0D_s^{*-}, \bar{B}^0 \to \pi^-\rho^-\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\omega K^0\bar{K}^0K^+D^{*+}D_s^{*-})$	30006	29458	1	36700
30008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^{*+}D_1^-)$	30007	29459	1	36701
30009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}\eta_c)$	30008	29460	1	36702
30010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^-K^0D^+D^-D^{*+})$	30009	29461	1	36703
30011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0)$	30010	29462	1	36704
30012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\bar{D}^{*-}\bar{n}\Sigma_c^{*0}D_{s1}'^+)$	30011	29463	1	36705
30013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\eta K^+K^{*-}D^+\bar{D}^{*-}D_s^-)$	30012	29464	1	36706
30014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	30013	29465	1	36707
30015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta'D^{*+}\bar{D}^0)$	30014	29466	1	36708
30016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu K^*K^{*-}D^+D^-)$	30015	29467	1	36709
30017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*0})$	2655	2649	1	36710
30018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-\bar{n}p, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^0K^{*-}D^+D^-\bar{D}^0\bar{n}p)$	30017	29468	1	36711
30019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\eta D^+D_1'^-)$	30018	29469	1	36712
30020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^-\bar{\Sigma}^+\Lambda, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^0\Sigma^-$ $(e^+e^- \to \eta K^0D^-D_s^{*+}\bar{\Delta}^0\bar{\Sigma}^+\Sigma^-\Lambda)$	30019	29470	1	36713
30021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^{*+}, B^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-K^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^{*+}D^-\bar{D}^{*0}D_s^{*+})$	30020	29471	1	36714
30022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^{*-})$	30021	29472	1	36715

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \eta K^- D^+ n\bar{\Lambda}$ $(e^+e^- \to \pi^0\eta K^- D^+ \bar{D}^{*0} nn\bar{n}\bar{\Lambda})$	30022	29473	1	36716
30024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+ K^- D^{*+}\bar{D}^0\Delta^0\bar{\Lambda}_c^-)$	30023	29474	1	36717
30025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^0 K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu K^0 K^{*-} D^- D^{*+})$	2656	2650	1	36718
30026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^+, B^0 \to D^- D_{s1}'^+$ $(e^+e^- \to D^- D^- D_s^+ D_{s1}'^+)$	30025	29476	1	36719
30027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+ D^+ D^+)$	30026	29477	1	36720
30028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega\bar{K}^* D^- D^{*+}\bar{D}^{*-})$	30027	29478	1	36721
30029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	30028	29479	1	36722
30030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	30029	29480	1	36723
30031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^-\omega\bar{K}^0\bar{K}^0 K^* K^+ D^{*+}\bar{D}^{*-})$	30030	29481	1	36724
30032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-})$	30031	21863	1	36725
30033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Sigma}^{*0}\Xi_c'^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c'^0)$	30032	29482	1	36726
30034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^- D^+\bar{D}^{*-} D_s^{*+})$	30033	29483	1	36727
30035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_s^+ D_1'^+)$	30034	29484	1	36728
30036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0 D^+ D^{*+}\bar{D}^{*-})$	30035	29485	1	36729
30037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\eta\omega D^+\bar{D}^{*-})$	30036	29486	1	36730
30038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0 D^+ D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+ D^+\bar{D}^{*-} D_s^{*-} p\bar{p})$	30037	29487	1	36731
30039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\phi, \bar{B}^0 \to \pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta K^*\phi D^{*+})$	30038	29488	1	36732

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^+\eta D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{D}^0 D^{*0} D_s^+ D_s^{*-})$	30039	29489	1	36733
30041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^+\bar{D}^{*-} n\bar{n})$	30040	29490	1	36734
30042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^- K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^0 K^- D^+\bar{D}^{*-})$	30041	29491	1	36735
30043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \eta\bar{K}^0 K^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^0 K^{*+}\eta'\bar{D}^{*-}\bar{D}^{*-})$	30042	29492	1	36736
30044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^+ n\bar{p}, \bar{B}^0 \to \pi^+\pi^-\rho^+ K^{*-} D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^+ K^{*-} D^0 n\bar{p})$	30043	29493	1	36737
30045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^- D^+ D^0)$	30044	29494	1	36738
30046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^- D^+ D^-)$	30045	29495	1	36739
30047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^+ K^-\chi_{c1}$ $(e^+e^- \to \pi^+ K^-\bar{D}^{*-} D_{s1}'^+\chi_{c1})$	30046	29496	1	36740
30048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+ K^0 K^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\rho^+ K^0 K^- D^+\bar{D}^{*-})$	30047	29497	1	36741
30049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^- D^+ D^{*+})$	30048	29498	1	36742
30050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^- D^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+ K^0 D^- D^0 D^{*0})$	30049	29499	1	36743
30051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^- p\bar{p}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^- D^{*+} D_s^{*-} p\bar{p})$	30050	29500	1	36744
30052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-} a_1^+)$	30051	29501	1	36745
30053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0 K^{*+}\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0 K^{*+}\phi\bar{D}^{*-} D^0 D_s^-)$	2657	2651	1	36746
30054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\omega, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\rho^-\omega D^{*+})$	30053	29503	1	36747
30055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	30054	242	1	36748
30056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\omega K^0\bar{K}^0 K^+\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega K^0\bar{K}^0 K^+ D^+\bar{D}^0)$	30055	29504	1	36749

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta D^+, \bar{B}^0 \to \pi^- K^0 \bar{K}^* D^{*+}$ $(e^+e^- \to \pi^-\rho^-\eta K^0\bar{K}^* D^+ D^{*+})$	30056	29505	1	36750
30058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^- D^+\bar{D}^0\bar{p}\Delta^+)$	30057	29506	1	36751
30059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{K}^0 D^+ D^-\bar{D}^{*-})$	30058	29507	1	36752
30060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^- D_1^-)$	30059	29508	1	36753
30061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	30060	29509	1	36754
30062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^- K^0 D^+\bar{D}^{*0}, B^0 \to \pi^0\pi^+\omega D^- n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 D^+ D^-\bar{D}^{*0} n\bar{n})$	30061	29510	1	36755
30063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\bar{K}^* K^{*+} D^-, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{K}^* K^{*+} D^- D^{*+}\bar{D}^{*-})$	30062	29511	1	36756
30064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \pi^+\eta D^{*0} p\bar{\Delta}^{++}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\eta D^{*0} p\bar{\Delta}^{++})$	30063	29512	1	36757
30065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+ D^{*0} D_s^{*-})$	30064	29513	1	36758
30066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+} D_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta' D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta' D^+ D_s^{*+} D_1'^-)$	30065	29514	1	36759
30067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+ K^{*-} D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\rho^+ K^{*-} D_2^{*-} D_s^+)$	30066	29515	1	36760
30068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*-}\Delta^+\bar{\Xi}_c'^0\gamma, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- K^{*-} D^{*+}\Delta^+\bar{\Xi}_c'^0\gamma)$	30067	29516	1	36761
30069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{p}\Xi_c'^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{p}\Xi_c'^0)$	30068	29517	1	36762
30070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0 D^{*+}\bar{D}^{*-})$	30069	29518	1	36763
30071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to D^+ J/\psi K_1^0 D_{s1}'^-)$	30070	29519	1	36764
30072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 K^+ D^{*0} D_s^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^0 K^+ D^+ D^{*0} D_s^-)$	30071	29520	1	36765
30073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^+ D^{*0} D_s^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\eta\omega\eta'\bar{D}^{*-} D^{*0} D_s^-)$	30072	29521	1	36766

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0 D^- D_s^{*+}, B^0 \to \pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta D^-\bar{D}^{*-}D_s^{*+})$	30073	29522	1	36767
30075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^{*+}K^{*-}D^-\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^{*+}K^{*-}D^-D_1'^+\gamma)$	30074	29523	1	36768
30076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \rho^0K^0D^+J/\psi D_{s0}^{*-})$	30075	29524	1	36769
30077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta K^+D_s^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta K^+D^{*+}D_s^-D_s^{*-})$	30076	29525	1	36770
30078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to K^0D^+D^-$ $(e^+e^- \to K^0D^+D^-D_2^{*-}D_s^{*+})$	30077	29526	1	36771
30079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}\eta_c, B^0 \to \pi^-\rho^+\bar{K}^0K^{*+}D^-$ $(e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0K^{*+}K^{*+}D^-\eta_c)$	30078	29527	1	36772
30080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}n\bar{\Delta}^0, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^*K^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^*K^+D^+\bar{D}^{*-}n\bar{\Delta}^0)$	30079	29528	1	36773
30081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^-\eta K^0D^+D^-D^{*+})$	30080	29529	1	36774
30082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-D^-D_s^{*+})$	30081	29530	1	36775
30083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}D_2^{*-}D_s^+D_s^{*-})$	30082	29531	1	36776
30084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{\Lambda}\Sigma^+, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \eta D^-D^{*+}D_s^-\bar{\Lambda}\Sigma^+)$	30083	29532	1	36777
30085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D_0^{*+}D_1'^-)$	30084	29533	1	36778
30086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^0D_s^{*-})$	30085	29534	1	36779
30087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\pi^-\eta K^*\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta K^*\bar{K}^*D^+D^-)$	30086	29535	1	36780
30088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{K}^*$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\rho^+\bar{K}^*\bar{D}^{*-})$	30087	29536	1	36781
30089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \bar{K}^*K^-D^{*+}D^{*+}D_s^-)$	30088	29537	1	36782
30090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+D^-\bar{n}p, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega D^+D^-\bar{n}p)$	30089	29538	1	36783

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+D^+D^-D_s^-)$	30090	29539	1	36784
30092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0K^*D^+D^-)$	30091	29540	1	36785
30093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^0\bar{D}^{*-}\bar{\Sigma}^+\Lambda$ $(e^+e^- \to \mu^+\nu_\mu\rho^0D^-\bar{D}^{*-}\bar{\Sigma}^+\Lambda)$	30092	29541	1	36786
30094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\omega K^-D^+D_2^{*-})$	30093	29542	1	36787
30095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega\omega D^+D^-)$	30094	29543	1	36788
30096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\Delta^0\bar{\Sigma}_c^{*-})$	30095	29544	1	36789
30097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-})$	30096	29545	1	36790
30098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\omega K^*, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega K^*D^{*0})$	30097	29546	1	36791
30099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*+}K^{*-}D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	30098	29547	1	36792
30100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0})$	30099	29548	1	36793
30101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_s^+\bar{n}\Sigma^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+\bar{n}\Sigma^-)$	30100	29549	1	36794
30102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*\phi\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \rho^+K^0\bar{K}^*\phi D^+\bar{D}^{*-}D_s^{*-})$	30101	29550	1	36795
30103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to e^+\nu_eD_0^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+D^-D_0^{*-})$	30102	29551	1	36796
30104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-K^0K^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^+\bar{D}^{*-}D_s^{*-})$	30103	29552	1	36797
30105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-\rho^+D^{*+}\bar{D}^{*-}p\bar{p})$	30104	29553	1	36798
30106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Sigma^{*0}\bar{\Xi}_c^{*0}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^0K^*K^-D^+\Sigma^{*0}\bar{\Xi}_c^{*0})$	30105	29554	1	36799
30107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{\Lambda}\Sigma^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^{*0})$	30106	29555	1	36800

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega K^*D^-D^{*+}\bar{D}^{*-})$	30107	29556	1	36801
30109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega\eta' D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\eta' D^+D^{*+})$	30108	395	1	36802
30110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \omega K^0K^+K^-K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega K^0K^+K^-K^-D^-D^{*+})$	30109	29557	1	36803
30111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	30110	29558	1	36804
30112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\eta K^-D^-D^{*+}\bar{D}^{*0})$	30111	29559	1	36805
30113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to \pi^0K^*K^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0K^*K^{*+}D_s^{*-})$	30112	29560	1	36806
30114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\chi_{c1}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^0D^{*+}\chi_{c1})$	30113	29561	1	36807
30115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	30114	10698	1	36808
30116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\chi_{c0}, B^0 \to \pi^0\rho^0\rho^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+K_SD^-\chi_{c0})$	30115	29562	1	36809
30117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0D^-D^0D_0^{*+})$	30116	29563	1	36810
30118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^*K^{*-}D^+\bar{D}^{*-})$	30117	29564	1	36811
30119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^+\rho^-\bar{K}^*\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^-\bar{D}^0)$	30118	29565	1	36812
30120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^0D^+p\bar{\Lambda}_c^-)$	30119	29566	1	36813
30121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta K^0, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^0D^+D_s^{*-})$	30120	29567	1	36814
30122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^+K^+K^-D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-D^{*+}D^0)$	30121	29568	1	36815
30123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\Delta^0\bar{\Sigma}_c^-D_1^+)$	30122	29569	1	36816
30124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_s^{*+})$	30123	29570	1	36817

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^-\eta\bar{K}^* D^+ D^- D^{*+})$	30124	29571	1	36818
30126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^+ D^- \bar{D}^{*-} D^{*0})$	30125	29572	1	36819
30127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-\bar{K}^0 K^+ D^{*+}\bar{D}^{*-})$	30126	29573	1	36820
30128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\eta D^+ D_0^{*-})$	30127	29574	1	36821
30129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^+\pi^- D^-, B^0 \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^- \bar{D}^{*-})$	30128	29575	1	36822
30130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^- K^0 D^+\bar{D}^0, \bar{B}^0 \to \rho^0\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \rho^0\rho^0\pi^- K^0\bar{K}^0 D^+ D^0\bar{D}^0\bar{D}^0)$	30129	29576	1	36823
30131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, \bar{B}^0 \to \rho^-\eta K^- K^{*+} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta K^- K^{*+} D^{*+} D^{*+})$	30130	29577	1	36824
30132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to D^0\bar{n}\Delta^0$ $(e^+e^- \to \pi^+\pi^+\pi^- D^- D^0\bar{n}\Delta^0)$	30131	29578	1	36825
30133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	30132	29579	1	36826
30134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^-\rho^-\omega\bar{K}^* K^+ D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\rho^-\omega\bar{K}^* K^+ D^+ D^-)$	30133	29580	1	36827
30135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-} D_1^+ D_{s1}^+)$	30134	29581	1	36828
30136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0 K^* D^-, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{K}^0 K^* D^+ D^-\bar{D}^{*-})$	30135	29582	1	36829
30137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+ D^- D_2^{*+})$	30136	29583	1	36830
30138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^- D^{*+} D_s^+)$	30137	29584	1	36831
30139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega K^0, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^* D^+ D^-)$	30138	29585	1	36832
30140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^+ D^{*0} D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^- D^- D^{*0} D_s^-)$	30139	29586	1	36833
30141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^+ K^0 K^{*-} D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+ K^0 K^{*-} D^- D_0^{*-})$	30140	29587	1	36834

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-\bar{\Delta}^-\Delta^0)$	30141	29588	1	36835
30143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^+D^-)$	30142	29589	1	36836
30144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to D_s^+\bar{\Delta}^0\Sigma^{*-}$ $(e^+e^- \to e^+\nu_e D_s^+\bar{\Delta}^0\Sigma^{*-}D_0^{*-})$	30143	29590	1	36837
30145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	523	523	1	36838
30146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{K}^0\eta'\eta'\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0\bar{K}^0\eta'\eta'D_2^{*+}\bar{D}^{*0})$	30145	29592	1	36839
30147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}D^{*0})$	30146	12827	1	36840
30148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_1^+\chi_{c0})$	30147	29593	1	36841
30149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta'D^+\bar{D}^{*-})$	30148	29594	1	36842
30150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}\Lambda\bar{\Sigma}_c^0)$	30149	29595	1	36843
30151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\phi D^-D^0, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-K^+\phi D^-D^{*+}D^0p\bar{p})$	30150	29596	1	36844
30152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0J/\psi, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \eta K^0K^-D^{*+}\bar{D}^{*0}J/\psi)$	30151	29597	1	36845
30153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega K^0D^-D^{*+}D^{*+})$	30152	29598	1	36846
30154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^{*0}D_1^-)$	30153	29599	1	36847
30155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\omega D^+\bar{D}^{*-}D_s^{*-})$	30154	29600	1	36848
30156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-)$	30155	29601	1	36849
30157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega\bar{D}^{*-}D_2^{*+})$	30156	29602	1	36850
30158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^-D^{*+})$	30157	29603	1	36851

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^0 K^0 K^- D^+$ $(e^+e^- \to e^+\nu_e \rho^0 K^0 K^- D^+ D_1^-)$	30158	29604	1	36852
30160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta' D^{*+}\bar{D}^{*-})$	30159	29605	1	36853
30161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^- K^- K^{*+} D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^- K^- K^{*+} D^{*+}\bar{D}^{*-})$	30160	29606	1	36854
30162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0 D^+\bar{D}^{*0}, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^- K^0 K^- D^+ D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	30161	29607	1	36855
30163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^0, \bar{B}^0 \to \pi^0\pi^0\omega\bar{K}^* n\bar{n}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega\bar{K}^* D^0 n\bar{n})$	30162	29608	1	36856
30164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\eta' D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega\eta' D^+ D^-)$	30163	29609	1	36857
30165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^- K^+ K^{*-} D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^- K^+ K^{*-} D^+\bar{D}^{*-})$	30164	29610	1	36858
30166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^- D_2^{*-} D^{*0} D_s^{*+})$	30165	29611	1	36859
30167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^+ D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0 D^+ D^-\bar{D}^{*-})$	30166	29612	1	36860
30168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-} D_1'^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D_s^{*-} D_1'^+)$	30167	29613	1	36861
30169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+ D_1^-, \bar{B}^0 \to \pi^0\pi^- K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^- K^+ K^- D^+ D_s^+ D_1^-)$	30168	29614	1	36862
30170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0, \bar{B}^0 \to \pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \pi^- K^+ K^- D^+ D^{*+}\Delta^-\bar{\Delta}^0)$	30169	29615	1	36863
30171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu D^+ D^-\Delta^-\bar{n})$	30170	29616	1	36864
30172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0 K^* D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-} a_1^+)$	30171	29617	1	36865
30173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^+, \bar{B}^0 \to D^0 p\bar{\Delta}^+$ $(e^+e^- \to \pi^- D^+ D^0 p\bar{\Delta}^+)$	30172	29618	1	36866
30174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0 D_s^+, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \rho^- D^0\bar{D}^0 D_s^+\Delta^0\bar{\Delta}^0)$	30173	29619	1	36867
30175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^{*+} D^0\bar{D}^{*0})$	30174	29620	1	36868

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	30175	8284	1	36869
30177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^-D^-D^0D_s^{*+})$	30176	29621	1	36870
30178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^0D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0D^+D^{*+}D_s^{*-})$	30177	29622	1	36871
30179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\omega K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^{*+}\bar{D}^{*0}\bar{n}\Sigma_c^0)$	30178	29623	1	36872
30180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^{*+}\bar{D}^{*0}D_0^{*+})$	30179	29624	1	36873
30181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	30180	29625	1	36874
30182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^+K^0\bar{K}^*K^+K^-D^-$ $(e^+e^- \to \pi^+\pi^+K^0\bar{K}^*K^+K^-D^-D^-)$	30181	29626	1	36875
30183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^+K^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^+K^-D^+n\bar{p})$	30182	29627	1	36876
30184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, B^0 \to \pi^+\pi^+\pi^-\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^-D_s^{*+})$	30183	29628	1	36877
30185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c(2S)$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0p\bar{\Lambda}_c^-\eta_c(2S))$	30184	29629	1	36878
30186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega D^-D_s^{*+}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\omega D^+D^-D_s^{*+}D_s^{*-})$	30185	29630	1	36879
30187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\pi^-D^0$ $(e^+e^- \to \pi^+\pi^-D^{*+}D^0a_1^-)$	30186	29631	1	36880
30188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega\bar{K}^0D^-\bar{D}^0D^{*0})$	30187	29632	1	36881
30189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-})$	30188	29633	1	36882
30190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^+D^-)$	30189	29634	1	36883
30191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}\gamma)$	30190	29635	1	36884
30192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+D^-\bar{\Delta}^+\Delta^{++})$	30191	29636	1	36885

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}n\bar{p})$	30192	29637	1	36886
30194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^{*+}K^{*-}\bar{D}^{*-}D^0)$	30193	29638	1	36887
30195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Sigma}^{*0}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^-D^+\bar{D}^0\Delta^0\bar{\Sigma}^{*0})$	30194	29639	1	36888
30196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c0})$	30195	29640	1	36889
30197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{K}^0K^+\eta'\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{K}^0K^+\eta'D^{*+}\bar{D}^{*0})$	30196	29641	1	36890
30198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_eX_u^-\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+)$	30197	29642	1	36891
30199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to \pi^0\rho^0\rho^+K^+K^-D^{*+}\bar{D}^{*-}D_{s1}^-)$	30198	29643	1	36892
30200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma_c^+)$	30199	29644	1	36893
30201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}n\bar{n}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-D^-D^{*+}n\bar{n})$	30200	29645	1	36894
30202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+D^-)$	30201	9854	1	36895
30203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}n\bar{n})$	30202	29646	1	36896
30204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^+\eta D^+\bar{D}^{*-}n\bar{p})$	30203	29647	1	36897
30205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\omega D^+D^-)$	30204	29648	1	36898
30206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^{*-}a_1^+)$	30205	29649	1	36899
30207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}\bar{D}^{*-})$	30206	29650	1	36900
30208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}p\bar{p}$ $(e^+e^- \to \pi^-\pi^-\rho^+K^*D^{*+}D^{*+}\bar{D}^{*-}p\bar{p})$	30207	29651	1	36901
30209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_SJ/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK_SD^{*+}J/\psi)$	30208	29652	1	36902

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\eta\omega K^0 K^- \bar{D}^{*-}, \bar{B}^0 \to D^+ D_{s0}^{*-}$ $(e^+e^- \to \pi^+\pi^+\eta\omega K^0 K^- D^+ \bar{D}^{*-} D_{s0}^{*-})$	30209	29653	1	36903
30211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^+\pi^- K^+ D^+ \bar{D}^{*-} D^{*0} D_s^-)$	30210	29654	1	36904
30212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+\rho^+ D_2^{*+}\bar{D}^{*0})$	30211	29655	1	36905
30213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^- D^+ D_1'^-)$	30212	29656	1	36906
30214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^+\Delta^+\bar{\Sigma}_c^{--})$	30213	29657	1	36907
30215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0 D^- D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ K^0 D^- D^0 D_0^{*+})$	30214	29658	1	36908
30216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^+)$	30215	29659	1	36909
30217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-} D_{s0}^{*+})$	30216	29660	1	36910
30218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{K}^0 K^* D^-, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{K}^0 K^* D^-\bar{\Delta}^0\Sigma_c^{*0})$	30217	29661	1	36911
30219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-})$	30218	29662	1	36912
30220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\eta\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-})$	30219	29663	1	36913
30221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta' D^- D_1'^+)$	30220	29664	1	36914
30222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-} D_s^{*+})$	30221	29665	1	36915
30223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega\omega D^{*+})$	30222	29666	1	36916
30224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to \pi^+\pi^+ K^-\bar{D}^{*-} D^0$ $(e^+e^- \to \pi^+\pi^+\pi^- K^-\bar{D}^{*-} D^0\bar{\Delta}^0\Sigma_c^+)$	30223	29667	1	36917
30225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0 D^{*+}\bar{p}\Lambda_c^+)$	30224	29668	1	36918
30226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+ K^0 K^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\omega\omega K^0 K^-\bar{D}^{*-} D^0)$	30225	29669	1	36919

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+K^*\bar{K}^*\bar{D}^{*-}D_2^{*+}D_s^{*-})$	30226	29670	1	36920
30228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^0\pi^+D^-\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+K^+D^-D^-D^{*0}\bar{\Delta}^-\Delta^-)$	30227	29671	1	36921
30229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-D^+D_2^{*-}\bar{D}^0D_s^{*+})$	30228	29672	1	36922
30230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_s^{*+}\gamma)$	30229	7836	1	36923
30231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-\bar{p}\Sigma^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D^{*+}\bar{p}\Sigma^{*+})$	30230	29673	1	36924
30232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^{*+}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^*K^{*+}D^-D^{*+})$	30231	29674	1	36925
30233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_1'^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1'^-)$	30232	29675	1	36926
30234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^0\bar{D}^{*0}\bar{D}^{*0})$	30233	29676	1	36927
30235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+\omega D^+D^-D_s^{*-})$	30234	29677	1	36928
30236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0K^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	30235	29678	1	36929
30237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^-\eta'D^+$ $(e^+e^- \to \pi^0\pi^-\eta'D^+D^{*+}a_1^-)$	30236	29679	1	36930
30238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+\bar{D}^{*-})$	30237	29680	1	36931
30239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^-D^{*+}D_s^+)$	30238	29681	1	36932
30240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-})$	30239	9070	1	36933
30241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0D^-D^{*+}D^0)$	30240	29682	1	36934
30242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta\bar{D}^{*-}\gamma, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\eta\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}\gamma)$	30241	29683	1	36935
30243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^-D^{*+}\bar{n}p)$	30242	29684	1	36936

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+D^{*+}\bar{D}^{*-}\Delta^-\bar{p})$	30243	29685	1	36937
30245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^*K^*\phi, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^*K^*K^-\phi D^{*+})$	30244	29686	1	36938
30246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^+K^-K^-D^{*+}\bar{D}^{*-})$	30245	29687	1	36939
30247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	30246	29688	1	36940
30248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\eta K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{K}^*K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	30247	29689	1	36941
30249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega\omega D^-D^{*+}D_s^+)$	30248	29690	1	36942
30250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-}D_{s1}^-)$	30249	29691	1	36943
30251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega K^+K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega K^+K^-D^{*+}\bar{D}^{*-}D_s^{*-})$	30250	29692	1	36944
30252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0K^0\bar{K}^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0K^-D^-D^{*+}D_s^+)$	30251	29693	1	36945
30253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\eta\eta D^-\bar{D}^{*0})$	30252	29694	1	36946
30254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D_s^{*-}D_1^+)$	30253	29695	1	36947
30255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^0, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^-J/\psi p\bar{\Sigma}_c^0\bar{K}_1^0)$	30254	29696	1	36948
30256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^-D^{*+})$	30255	4963	1	36949
30257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}D^{*+})$	30256	29697	1	36950
30258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D_s^+D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^{*+}D^{*+}D_s^+D_s^{*-})$	30257	29698	1	36951
30259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+D^-)$	30258	29699	1	36952
30260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu X_u^+D_2^{*+})$	30259	29700	1	36953

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\eta' D^-, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^+\eta' D^- D^{*+})$	30260	29701	1	36954
30262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to D^- D^0 D_s^{*+}\Delta^+\bar{\Delta}^+)$	30261	29702	1	36955
30263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\bar{D}^{*-} D_s^+\bar{p}\Sigma_c^+)$	30262	29703	1	36956
30264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \eta\omega\omega\bar{K}^* D^0$ $(e^+e^- \to \eta\omega\omega\bar{K}^*\bar{D}^{*-} D^0 D_s^{*+})$	30263	29704	1	36957
30265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^* D^- D^{*0}, \bar{B}^0 \to K^0K^- D^+$ $(e^+e^- \to \pi^+K^0K^*K^- D^+ D^- D^{*0})$	30264	29705	1	36958
30266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0 n\bar{n}, \bar{B}^0 \to \rho^0\rho^- K^+K^- D^{*+}$ $(e^+e^- \to \rho^0\rho^- K^+K^- D^{*+}\bar{D}^0 n\bar{n})$	30265	29706	1	36959
30267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to \bar{D}^{*-} D^{*0} D_s^+\bar{\Delta}^+\Sigma^+)$	30266	29707	1	36960
30268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0 D^+ D^- D^-)$	30267	29708	1	36961
30269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^- K^0K^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- K^0K^- D^+\bar{D}^0)$	30268	29709	1	36962
30270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^+ D^-)$	30269	16706	1	36963
30271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+ D^-, B^0 \to \rho^0\pi^-\rho^+\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^+ D^- D^-)$	30270	29710	1	36964
30272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0 D^-, \bar{B}^0 \to \omega K^+K^- D^0$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^0K^+K^- D^- D^0)$	30271	29711	1	36965
30273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^+ D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^-\eta K^+ D^{*+} D^{*0}\bar{D}^{*0} D_s^{*-})$	30272	29712	1	36966
30274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^+K^- D^+\bar{D}^{*-})$	30273	29713	1	36967
30275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\phi D^0\bar{D}^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-K^0\phi D^0\bar{D}^0\bar{n}\Sigma_c^+)$	30274	29714	1	36968
30276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0 D^+ D^+ D^-)$	30275	29715	1	36969
30277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\bar{K}^*K^+\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^*K^+ D_2^{*+}\bar{D}^{*0} D_s^-)$	30276	29716	1	36970

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \rho^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega K^0 D^0 J/\psi)$	30277	29717	1	36971
30279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^{*0})$	30278	3470	1	36972
30280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^0 K^+\bar{D}^{*-} D_1^+)$	30279	29718	1	36973
30281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\omega D^+\bar{D}^{*-})$	30280	29719	1	36974
30282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^- D^{*+}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \rho^0\rho^-\eta K^0 D^+ D^- D^{*+})$	30281	29720	1	36975
30283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^{*-}\bar{\Lambda}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e K^{*-}\bar{D}^{*-}\bar{\Lambda}\Lambda_c^+)$	30282	29721	1	36976
30284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\eta\bar{D}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega\omega D^-\bar{D}^0)$	30283	29722	1	36977
30285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\bar{K}^0 D^- D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\bar{K}^0 D^-\bar{D}^{*-} D^0)$	30284	29723	1	36978
30286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^- D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+ D^{*+}\bar{D}^{*-})$	30285	29724	1	36979
30287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to K^* K^- D^{*+}$ $(e^+e^- \to K^* K^- D^{*+}\bar{D}^{*-}\Delta^0\bar{\Sigma}^+)$	30286	29725	1	36980
30288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0 K^+ D^- D^{*+})$	30287	29726	1	36981
30289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \omega D^+ n\bar{p}$ $(e^+e^- \to \omega D^+ D_2^{*-} D_s^{*+} n\bar{p})$	30288	29727	1	36982
30290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta D^{*+}\bar{D}^0 D_s^{*+})$	30289	29728	1	36983
30291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^0 D^0 D_s^{*-})$	30290	29729	1	36984
30292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^*\bar{K}^* D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^*\bar{K}^* D^- D^{*+})$	30291	29730	1	36985
30293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-\eta D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta D^+ D^+)$	30292	29731	1	36986
30294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to K^*\bar{K}^* K^- D^{*+} D^{*+}\bar{D}^{*-})$	30293	29732	1	36987

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^0)$	30294	29733	1	36988
30296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+K^{*+}K^{*-}D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^{*+}K^{*-}D^-\bar{D}^{*-})$	30295	29734	1	36989
30297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0D^+D^-D^{*+})$	30296	29735	1	36990
30298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-\omega\omega D^+D^+)$	30297	29736	1	36991
30299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0D^-D^{*+}, B^0 \to \pi^0\rho^+D^-p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^0D^-D^-D^{*+}p\bar{p})$	30298	29737	1	36992
30300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \omega\bar{K}^*K^{*+}D^+D^-D_s^-)$	30299	29738	1	36993
30301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0K^0D^{*+}D^{*+}\bar{D}^{*-})$	30300	29739	1	36994
30302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\eta'D^-$ $(e^+e^- \to e^+\nu_e\pi^+\eta'D^-D^-)$	30301	29740	1	36995
30303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\rho^+K^*, B^0 \to \rho^0\pi^-\rho^+\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega K^*\bar{D}^{*0})$	30302	29741	1	36996
30304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-D^{*0}D_1'^-)$	30303	29742	1	36997
30305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\omega D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\omega D^+\bar{D}^{*-}D_s^{*+}p\bar{\Delta}^{++})$	30304	29743	1	36998
30306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \rho^+K^{*-}\eta_c$ $(e^+e^- \to \rho^+K^{*-}D^+\eta_ca_1^-)$	30305	29744	1	36999
30307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^0\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \eta K^0D^{*+}D^0\bar{D}^0a_1^-)$	30306	29745	1	37000
30308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}D^{*0}\eta_c)$	30307	29746	1	37001
30309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\eta D^+, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\eta D^+D^{*+})$	30308	29747	1	37002
30310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*0})$	30309	29748	1	37003
30311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\psi', \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{\Delta}^-\Delta^0$ $(e^+e^- \to \pi^-\pi^-K_SD^{*+}\bar{\Delta}^-\Delta^0\psi')$	30310	29749	1	37004

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^-D^{*+}D^0)$	30311	29750	1	37005
30313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_1^+)$	30312	29751	1	37006
30314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^0K^+D^+D^-)$	30313	29752	1	37007
30315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^-D^{*+}D^{*+}\gamma)$	30314	24945	1	37008
30316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{D}^0D^{*0}\bar{p}\Delta^+)$	30315	29753	1	37009
30317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^+D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+K^+K^-D^+\bar{D}^{*-}D_s^-)$	30316	29754	1	37010
30318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}\bar{D}^0D^{*0})$	30317	29755	1	37011
30319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*0})$	30318	29756	1	37012
30320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{p}, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+\bar{D}^0p\bar{p})$	30319	29757	1	37013
30321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\rho^+K^-K^{*+}D^-$ $(e^+e^- \to \pi^0\rho^+\rho^+K^-K^{*+}D^-D^-)$	30320	29758	1	37014
30322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0)$	30321	29759	1	37015
30323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}a_1^-\gamma)$	30322	29760	1	37016
30324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\eta\omega D^-D^{*+}p\bar{p})$	30323	29761	1	37017
30325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^-D^{*+}, B^0 \to \pi^0\pi^+\pi^+\rho^-K^0\bar{K}^0D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0\bar{K}^0K^*D^-D^-D^{*+})$	30324	29762	1	37018
30326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to K^+D^-D^0$ $(e^+e^- \to \pi^+\eta K^+D^-\bar{D}^{*-}D^0)$	30325	29763	1	37019
30327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \rho^0K^0\bar{n}\Xi_c^0$ $(e^+e^- \to \rho^0K^0K^*D^+D^-\bar{n}\Xi_c^0)$	30326	29764	1	37020
30328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to \pi^-\rho^+\omega D^-\bar{p}\Sigma_c^{++})$	30327	29765	1	37021

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\bar{K}^0$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\rho^-\bar{K}^0\bar{D}^{*-})$	30328	29766	1	37022
30330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^0K^{*-}D^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-\omega K^0K^{*-}D^-D^{*+})$	30329	29767	1	37023
30331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega K^0K^-\eta'D^{*+}\bar{D}^{*-})$	30330	29768	1	37024
30332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}D_1'^-)$	30331	29769	1	37025
30333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^+K^*\bar{K}^*K^{*-}\phi$ $(e^+e^- \to \pi^0\pi^+K^*\bar{K}^*\bar{K}^*K^{*-}\phi n\bar{\Xi}_c'^0)$	30332	29770	1	37026
30334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0K^+K^-D^-, \bar{B}^0 \to K^{*-}\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \rho^+K^0\bar{K}^0K^+K^-K^{*-}D^-\bar{\Delta}^+\Sigma_c^{++})$	30333	29771	1	37027
30335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D_s^+D_s^-, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^0\pi^+K^0\bar{D}^{*-}D_s^+D_s^-)$	30334	29772	1	37028
30336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0D^-D^{*+}n\bar{p})$	30335	29773	1	37029
30337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\eta D^0D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}D^0D_s^{*-})$	30336	18517	1	37030
30338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \eta'D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\eta\eta'D^-D^{*+}D_s^{*-})$	30337	29774	1	37031
30339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^0p, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0p)$	30338	29775	1	37032
30340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_eD^-a_1^+D_1'^+)$	30339	29776	1	37033
30341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^0\eta\bar{K}^0\eta_c$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\bar{K}^0D^-\eta_c)$	30340	29777	1	37034
30342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega D^-, B^0 \to \eta D^-\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\eta\omega D^-D^-\bar{n}p)$	30341	29778	1	37035
30343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^{*+}K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega K^{*+}K^{*-}D^+D^-)$	30342	29779	1	37036
30344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta'D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta'D^+\bar{D}^{*-}D_s^+)$	30343	29780	1	37037
30345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-D_0^{*+})$	30344	29781	1	37038

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\omega\bar{D}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-\bar{D}^0)$	30345	29782	1	37039
30347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*0})$	30346	29783	1	37040
30348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}, \bar{B}^0 \to D^0\Lambda\bar{\Lambda}$ $(e^+e^- \to \pi^0\rho^0D^0\bar{D}^{*0}\Lambda\bar{\Lambda})$	30347	29784	1	37041
30349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	30348	14095	1	37042
30350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\rho^+K^0K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+K^0K^-\bar{D}^{*-}\bar{D}^{*-})$	30349	29785	1	37043
30351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^+\omega\omega K^-K^{*+}\bar{D}^{*-}D_2^{*+}D_s^-)$	30350	29786	1	37044
30352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}n\bar{\Sigma}^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^-D_s^{*-}n\bar{n}\bar{\Sigma}^+\Lambda_c^+)$	30351	29787	1	37045
30353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\omega\bar{K}^*D^0$ $(e^+e^- \to \pi^0\rho^0\eta\omega\bar{K}^*D^{*+}\bar{D}^{*-}D^0)$	30352	29788	1	37046
30354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-\bar{D}^{*-})$	30353	29789	1	37047
30355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^-\eta_c$ $(e^+e^- \to \pi^+\pi^-K^+\bar{D}^{*-}D^{*0}\eta_c)$	30354	29790	1	37048
30356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+\eta D^+\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta\eta K^0\bar{K}^0D^+D^-\Delta^0\bar{\Delta}^{++})$	30355	29791	1	37049
30357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-K^0D^+D_s^-D_s^{*+})$	30356	29792	1	37050
30358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^-D^+n\bar{\Sigma}_c^{*0})$	30357	29793	1	37051
30359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^-K^{*-}D^+D^{*+}\bar{D}^0)$	30358	29794	1	37052
30360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	30359	29795	1	37053
30361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^-\eta K^{*+}K^{*-}D^+$ $(e^+e^- \to \pi^-\rho^+\eta\bar{K}^0K^*K^{*+}K^{*-}D^+D^-)$	30360	29796	1	37054
30362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-\gamma$ $(e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}D_s^-\gamma)$	30361	29797	1	37055

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^+\rho^-D^-\bar{D}^{*-})$	30362	29798	1	37056
30364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^-D_2^{*+})$	30363	29799	1	37057
30365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\eta K^0D^+D^+D^-)$	30364	29800	1	37058
30366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^{*-}\bar{D}^{*-}D^0D_{s1}'^+)$	30365	29801	1	37059
30367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+D^-, B^0 \to \pi^+\bar{K}^0K^*D^-$ $(e^+e^- \to \pi^+\pi^+\bar{K}^0K^*D^-D^-)$	30366	29802	1	37060
30368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^-D^{*+})$	30367	29803	1	37061
30369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-K^+K^-D^-D^{*+})$	30368	29804	1	37062
30370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	30369	29805	1	37063
30371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^+\omega K^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega K^-D^-)$	30370	29806	1	37064
30372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega\omega K^*, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega K^*D^{*+}\bar{D}^{*-})$	30371	29807	1	37065
30373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^0D_s^-)$	30372	29808	1	37066
30374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eX_u^-, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to e^+\nu_eX_u^-\pi^-\bar{D}^0D_s^{*+})$	30373	29809	1	37067
30375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to \pi^+K^*K^-J/\psi\chi_{c1})$	30374	29810	1	37068
30376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \tau^+\nu_\tau D^-D^0p\bar{\Delta}^+)$	30375	29811	1	37069
30377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_0^{*-}D_1^+)$	30376	29812	1	37070
30378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^0\bar{K}^*K^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^0\bar{K}^*K^+D^{*+})$	30377	29813	1	37071
30379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	30378	29814	1	37072

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^- K^{*+}\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \omega K^- K^{*+} D^{*+}\bar{D}^0)$	2659	2653	1	37073
30381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+D^-\bar{D}^{*-})$	30380	29816	1	37074
30382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*0})$	30381	29817	1	37075
30383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^+D^{*+}\Delta^-\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}D^{*+}\Delta^-\bar{p})$	30382	29818	1	37076
30384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+\rho^+\rho^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*0})$	30383	29819	1	37077
30385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}J/\psi)$	30384	13421	1	37078
30386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\rho^-\eta D^+D_1^-)$	30385	29820	1	37079
30387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\omega D^-D^{*+}\Delta^-\bar{\Delta}^0)$	30386	29821	1	37080
30388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+})$	30387	29822	1	37081
30389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^+D^-D^{*+})$	30388	29823	1	37082
30390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^-D_s^{*+})$	30389	29824	1	37083
30391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^-\bar{n}\Sigma_c^+)$	30390	29825	1	37084
30392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^+\bar{D}^{*-})$	30391	29826	1	37085
30393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^-D^{*+}D_s^{*+})$	30392	29827	1	37086
30394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	30393	29828	1	37087
30395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\omega\omega D^+D^-)$	30394	29829	1	37088
30396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to \pi^0\rho^+\eta'\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-})$	30395	29830	1	37089

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\eta\eta\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	30396	29831	1	37090
30398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*0}D_1'^+)$	30397	29832	1	37091
30399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^* K^- D^{*+}\bar{D}^{*-})$	30398	29833	1	37092
30400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0 K^*\bar{K}^*\eta'$ $(e^+e^- \to e^+\nu_e\rho^0\bar{K}^0 K^*\bar{K}^*\eta' D_2^{*-})$	30399	29834	1	37093
30401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-})$	30400	29835	1	37094
30402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^*\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ K^*\bar{K}^* D^{*+}\bar{D}^{*-})$	30401	29836	1	37095
30403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Omega}_c^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^- D^{*+}\Delta^+\bar{\Omega}_c^{*0})$	30402	29837	1	37096
30404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^* K^+ D^+ D^-)$	30403	29838	1	37097
30405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 K^* K^*\bar{K}^* K^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ K^0 K^* K^*\bar{K}^* K^{*-} D^{*+})$	30404	29839	1	37098
30406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+\rho^-, B^0 \to K^0\bar{D}^0 D^{*0}$ $(e^+e^- \to \rho^+\rho^- K^0\bar{D}^0 D^{*0})$	30405	29840	1	37099
30407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to \pi^-\rho^+ D^+ n\bar{p}$ $(e^+e^- \to \pi^-\rho^+ D^+\bar{D}^{*-} n\bar{p} a_1^+)$	30406	29841	1	37100
30408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to K^0 K^- D^+ D^- D_s^{*+})$	30407	29842	1	37101
30409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* K^- D^+$ $(e^+e^- \to e^+\nu_e\bar{K}^* K^- D^+\bar{D}^{*-})$	30408	29843	1	37102
30410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\pi^- D^- D_s^+, B^0 \to \pi^+\pi^+\omega K^* K^- D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega K^* K^- D^- D^- D_s^+)$	30409	29844	1	37103
30411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \bar{K}^* D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^* K^+\bar{D}^{*-} D^{*0} D^{*0}\bar{D}^{*0})$	30410	29845	1	37104
30412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^- K^+ K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- K^+ K^{*-} D^- D^{*+})$	30411	29846	1	37105
30413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^{*+} D^- D^0, B^0 \to \pi^+\omega\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^+\omega K^{*+}\eta' D^-\bar{D}^{*-} D^0)$	30412	29847	1	37106

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to K^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^*D^-D^{*+}\bar{D}^{*-}D_s^+)$	30413	15225	1	37107
30415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\rho^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^-D^{*+})$	30414	29848	1	37108
30416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	30415	29849	1	37109
30417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	30416	29850	1	37110
30418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\omega\bar{K}^0K^+K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-}D_s^{*-})$	30417	29851	1	37111
30419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0K^*K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*K^-K^{*+}D^{*+}\bar{D}^{*-}D_{s0}^{*+})$	30418	29852	1	37112
30420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+D^{*0}D_s^{*-}D_1^+)$	30419	29853	1	37113
30421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^*D^+D^-\bar{D}^0)$	30420	29854	1	37114
30422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-D^{*+}\bar{D}^{*-}p\bar{p})$	30421	29855	1	37115
30423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}D^0)$	30422	29856	1	37116
30424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega K^0K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+})$	30423	29857	1	37117
30425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD_2^{*+}D_2^{*-}D_s^+)$	30424	29858	1	37118
30426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_1'^-, B^0 \to \pi^-\rho^+\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^-\rho^+\rho^+\bar{K}^0K^+D^-D_1'^-)$	30425	29859	1	37119
30427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}$ $(e^+e^- \to \pi^+D^-\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}a_1^+)$	30426	29860	1	37120
30428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^-\rho^-K^+D^+J/\psi)$	30427	29861	1	37121
30429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^+D^+D^-D^{*0})$	30428	29862	1	37122
30430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	30429	29863	1	37123

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^+D^{*+}\bar{D}^{*-})$	30430	29864	1	37124
30432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-})$	30431	12204	1	37125
30433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^0D^+D^-D^{*+}D_{s1}'^-)$	30432	18096	1	37126
30434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^+K^-D^-D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^-D^+D^-D^0)$	30433	29865	1	37127
30435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*0}, \bar{B}^0 \to K^*D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^0K^*D^+\bar{D}^{*0}\bar{p}\Lambda)$	30434	29866	1	37128
30436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0)$	30435	29867	1	37129
30437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^+D^-)$	30436	29868	1	37130
30438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	30437	29869	1	37131
30439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	30438	29870	1	37132
30440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to e^+\nu_eD_1^-$ $(e^+e^- \to e^+\nu_eD^-D_1^-a_1^+)$	30439	29871	1	37133
30441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0K^-D^+\Delta^+\bar{\Sigma}_c^-)$	30440	29872	1	37134
30442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+D^-n\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}n\bar{p})$	30441	29873	1	37135
30443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\bar{K}^0\phi$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0\phi n\bar{\Sigma}_c^-)$	30442	29874	1	37136
30444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^+\eta D^-\bar{D}^{*-})$	30443	29875	1	37137
30445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}, \bar{B}^0 \to \omega K^*K^-\eta'D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^*K^-\eta'D^+\bar{D}^{*0})$	30444	29876	1	37138
30446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	30445	29877	1	37139
30447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\pi^0D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega D^-\bar{D}^{*-})$	30446	29878	1	37140

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0K^+K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^+K^{*+}D^+D^-D_s^{*-})$	30447	29879	1	37141
30449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to \rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0)$	30448	29880	1	37142
30450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+K^+K^-D^-D^{*+}D_s^-)$	30449	29881	1	37143
30451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta'\bar{D}^{*-}\bar{p}\Xi_c'^+)$	30450	29882	1	37144
30452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^{*-}\eta_c$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta K^{*-}\bar{D}^{*-}\eta_c)$	30451	29883	1	37145
30453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\bar{K}^*\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega\bar{K}^*\bar{D}^{*0}\eta_c)$	30452	29884	1	37146
30454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega p\bar{\Sigma}_c^-D_1^+)$	30453	29885	1	37147
30455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\omega K^{*+}, \bar{B}^0 \to \rho^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^-\rho^-\omega\omega K^{*+}D^+)$	30454	29886	1	37148
30456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\rho^+D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^-\rho^+D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-D_{s1}'^+)$	30455	29887	1	37149
30457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0J/\psi, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D_s^-J/\psi)$	30456	29888	1	37150
30458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}D^{*0})$	30457	29889	1	37151
30459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Lambda\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^-K^+K^+K^{*-}D^{*+}\Lambda\bar{\Xi}_c'^-)$	30458	29890	1	37152
30460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to J/\psi\bar{n}\Lambda$ $(e^+e^- \to \bar{D}^{*-}J/\psi\bar{n}\Lambda D_{s1}'^+)$	30459	29891	1	37153
30461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta'D^{*+}D_1^-)$	30460	29892	1	37154
30462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-K^0D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-K^0D^{*+}D^0\bar{D}^{*0})$	30461	29893	1	37155
30463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0\bar{K}^0K^+D^-\bar{D}^{*-}D^0)$	30462	29894	1	37156
30464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\bar{D}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{D}^0n\bar{\Lambda}_c^-)$	30463	29895	1	37157

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-a_0^0, \bar{B}^0 \to \pi^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+\Delta^0\bar{\Delta}^0a_0^0)$	30464	29896	1	37158
30466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^0D^+D^-D^{*+})$	30465	16291	1	37159
30467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^-K^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-}D^0)$	30466	29897	1	37160
30468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^+\bar{K}^0\Delta^-\bar{n}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{D}^0D_s^+\Delta^-\bar{n})$	30467	29898	1	37161
30469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^0)$	30468	29899	1	37162
30470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	30469	29900	1	37163
30471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Delta}^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^{*+}p\bar{\Delta}^+)$	30470	29901	1	37164
30472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*\bar{K}^*D^+D^+D^-\bar{D}^0)$	30471	29902	1	37165
30473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^+\rho^+\rho^-K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-K^{*-}\bar{D}^{*-}D^0)$	30472	29903	1	37166
30474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D^-\bar{D}^{*0}D_s^+)$	30473	29904	1	37167
30475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^+n\bar{p}, \bar{B}^0 \to \rho^0\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega\omega D^+D^+n\bar{p})$	30474	29905	1	37168
30476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to \rho^0\pi^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}\bar{n}\Delta^{++})$	30475	29906	1	37169
30477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^*D^+D^+\bar{D}^{*-})$	30476	29907	1	37170
30478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\Sigma^{*0}\bar{\Sigma}_c^{*0}, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}_c^{*0})$	30477	29908	1	37171
30479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^0D^-D^0)$	30478	29909	1	37172
30480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^+D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^-\omega K^*K^*K^-D^+D_s^+D_s^{*-})$	30479	29910	1	37173
30481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{K}^*D^-, \bar{B}^0 \to \pi^0K^*K^+K^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+K^*K^*\bar{K}^*K^+K^-K^-D^-D^{*+})$	30480	29911	1	37174

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\omega\omega D^+D^-)$	30481	29912	1	37175
30483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	30482	29913	1	37176
30484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^+)$	30483	29914	1	37177
30485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\bar{K}^0\eta_c\Delta^0\bar{\Lambda}_c^-)$	30484	29915	1	37178
30486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta' D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\eta' D^-D^{*+})$	30485	29916	1	37179
30487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}D_{s1}'^+)$	30486	29917	1	37180
30488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\rho^+K^0\bar{K}^0\bar{D}^{*-}D^0D_s^{*-})$	30487	29918	1	37181
30489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0})$	30488	29919	1	37182
30490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^-D^{*+})$	30489	29920	1	37183
30491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_2^{*+})$	30490	29921	1	37184
30492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*0}n\bar{n})$	30491	29922	1	37185
30493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^+K^-, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0K^+K^-D_s^-D_s^{*+})$	30492	29923	1	37186
30494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+}\Sigma^0\bar{\Sigma}^-)$	30493	29924	1	37187
30495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^0)$	30494	29925	1	37188
30496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+D^+\bar{\Lambda}\Xi^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{\Lambda}\Xi^-)$	30495	29926	1	37189
30497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to K^+K^-\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++})$	30496	29927	1	37190
30498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to K^{*-}\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^{*-}D^-\bar{n}\Sigma_c^+)$	30497	29928	1	37191

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0D^{*+})$	30498	29929	1	37192
30500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\rho^-K^0K^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^0K^-D^{*+}\bar{D}^{*-}D_s^-)$	30499	29930	1	37193
30501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^+K^-D^{*+}\bar{D}^{*-})$	30500	29931	1	37194
30502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0K^-K^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^+\pi^-\omega K^0K^-K^{*+}\bar{p}\Lambda_c^+)$	30501	29932	1	37195
30503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega K^+K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega K^+K^-D^+D^-)$	30502	29933	1	37196
30504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{*++}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D^0\bar{D}^{*0}\bar{p}\Sigma_c^{*++})$	30503	29934	1	37197
30505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+D^-D_2^{*+})$	30504	29935	1	37198
30506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-n\bar{n}\bar{\Sigma}_c^0\Lambda_c^+)$	30505	29936	1	37199
30507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\rho^+\omega\bar{D}^{*-}D^0)$	30506	29937	1	37200
30508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\eta\omega\omega\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega\omega\bar{K}^0\bar{D}^0)$	30507	29938	1	37201
30509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0K^*K^*K^+K^-D^{*+}D^{*+}\bar{D}^{*-})$	30508	29939	1	37202
30510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega K^*D^+D^-D^{*+})$	30509	29940	1	37203
30511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^+D^{*+}D^{*+}\bar{D}^{*-}n\bar{p})$	30510	29941	1	37204
30512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^+D_2^{*-})$	30511	29942	1	37205
30513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to K^{*+}D^+D^-D_s^{*-})$	30512	29943	1	37206
30514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \rho^0D^{*+}n\bar{p}$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-}n\bar{p})$	30513	29944	1	37207
30515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+}n\bar{p})$	30514	29945	1	37208

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-}n\bar{n})$	30515	29946	1	37209
30517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^-D^+D^-)$	30516	29947	1	37210
30518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{p}\Delta^{++}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+D^+D^-\bar{p}\Delta^{++})$	30517	29948	1	37211
30519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^-K^+J/\psi$ $(e^+e^- \to \pi^-\rho^+K^+\bar{D}^{*-}J/\psi)$	30518	29949	1	37212
30520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \eta\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	30519	29950	1	37213
30521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\eta K^0D^+D^+D^-)$	30520	29951	1	37214
30522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-K^+K^-K^{*+}\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-K^+K^-K^{*+}D^+\bar{D}^0)$	30521	29952	1	37215
30523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^-\omega K^+D^{*+}\bar{D}^{*-}\bar{p}\Sigma_c^+)$	30522	29953	1	37216
30524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	30523	23249	1	37217
30525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^{*-}\bar{n}\Delta^{++}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\rho^-\eta D^+\bar{D}^{*-}\bar{n}\Delta^{++})$	30524	29954	1	37218
30526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{D}^{*-}n\bar{n})$	30525	29955	1	37219
30527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to K^0D^-D^{*+}$ $(e^+e^- \to \rho^+\omega K^0D^-D^{*+}\bar{D}^{*-})$	30526	29956	1	37220
30528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta K^0\bar{K}^0D^-D^0D_s^-)$	30527	29957	1	37221
30529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta\eta\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-})$	30528	29958	1	37222
30530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0\phi D^+$ $(e^+e^- \to \rho^0\pi^-K^0\bar{K}^0\phi D^+D^-a_1^+)$	30529	29959	1	37223
30531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to \pi^+\omega K^{*+}K^{*-}D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^{*+}K^{*-}D^-D_1^-)$	30530	29960	1	37224
30532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\omega D^-D^{*+}D_s^{*-})$	30531	29961	1	37225

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ J/\psi, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+ K^+ D^{*+} J/\psi)$	30532	29962	1	37226
30534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^0 n\bar{n}$ $(e^+e^- \to D^- D^0 \bar{\Delta}^- n\bar{n}\Delta^0)$	30533	29963	1	37227
30535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\rho^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^- D^0\Delta^+\bar{\Sigma}_c^{*0})$	30534	29964	1	37228
30536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	30535	3197	1	37229
30537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta\eta K^0 D^{*+}\eta_c)$	30536	29965	1	37230
30538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	30537	27980	1	37231
30539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta' D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\rho^- K^+K^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega K^+K^-\eta' D^+ D^-)$	2660	2654	1	37232
30540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+ D^- D^0, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \pi^0\rho^+\omega K^+ D^- D^0\bar{p}\Sigma_c^0)$	30539	29967	1	37233
30541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0\psi(3770), \bar{B}^0 \to \pi^0\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+ K^0 D^{*0}\psi(3770))$	30540	29968	1	37234
30542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^- K^{*+}K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- K^{*+}K^{*-} D^{*+}\bar{D}^{*-})$	30541	29969	1	37235
30543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ K^- K^{*+} D^-, B^0 \to \pi^0\pi^0\pi^+\pi^- D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^- K^{*+} D^- D^0\bar{D}^0)$	30542	29970	1	37236
30544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e X_u^-, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+e^+\nu_e\nu_e X_u^-\bar{D}^{*-})$	30543	29971	1	37237
30545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega K^0 D^+ D^{*+}\bar{D}^{*-})$	30544	29972	1	37238
30546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\chi_{c1}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^* K^{*+}\bar{D}^{*-}\chi_{c1})$	30545	29973	1	37239
30547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+ D^- p\bar{p}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+ D^- D^0 D_s^{*-} p\bar{p})$	30546	29974	1	37240
30548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^- K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \rho^+ K^- K^{*+} D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0)$	30547	29975	1	37241
30549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^- D^+ D^-)$	30548	29976	1	37242

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^-\bar{D}^0D_s^+$ $(e^+e^- \to \pi^-D^-\bar{D}^0D_s^+D_s^+)$	30549	29977	1	37243
30551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-K^+K^-\eta'D^{*+}\bar{D}^{*-})$	30550	29978	1	37244
30552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-\bar{D}^{*-})$	30551	29979	1	37245
30553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^+K^-K^-D^-, \bar{B}^0 \to \rho^-D^+\gamma\gamma$ $(e^+e^- \to \pi^+\rho^-\omega K^+K^+K^-K^-D^+D^-\gamma\gamma)$	30552	29980	1	37246
30554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \rho^0\rho^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^{*+}D^{*0})$	30553	29981	1	37247
30555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta K^-D^-D^{*+}\bar{D}^{*0})$	30554	29982	1	37248
30556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^0K^-\bar{D}^{*0}, \bar{B}^0 \to \eta'\bar{n}\Xi_c'^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^0K^-\eta'\bar{D}^{*0}\bar{n}\Xi_c'^0)$	30555	29983	1	37249
30557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0D^-\gamma, \bar{B}^0 \to \pi^0\pi^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^0\bar{K}^0K^-K^{*+}D^+D^-\gamma)$	30556	29984	1	37250
30558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta D^+D_2^{*-}D_s^+)$	30557	29985	1	37251
30559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\bar{K}^0K^+D^+D^{*+})$	30558	29986	1	37252
30560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^-\rho^+\eta\eta\omega D^0$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+\eta\eta\omega\omega D^-D^0)$	30559	29987	1	37253
30561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta'D^-, \bar{B}^0 \to D^0\bar{\Sigma}^0\Sigma^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta'D^-D^0\bar{\Sigma}^0\Sigma^{*0})$	30560	29988	1	37254
30562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-K^-D^+\bar{D}^{*-})$	30561	29989	1	37255
30563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^-)$	30562	29990	1	37256
30564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D^0)$	30563	29991	1	37257
30565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-})$	30564	29992	1	37258
30566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	30565	29993	1	37259

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	30566	29994	1	37260
30568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta\omega D^+D^-)$	30567	29995	1	37261
30569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\eta K^-\bar{D}^{*-}\bar{p}\Sigma_c^{++})$	30568	29996	1	37262
30570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+\bar{D}^{*-}\bar{n}p)$	30569	29997	1	37263
30571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^+K^0K^-D^{*+}\bar{D}^{*-})$	30570	29998	1	37264
30572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0\bar{K}^*\eta'D^-D^{*+})$	30571	29999	1	37265
30573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+\gamma, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+\gamma)$	30572	30000	1	37266
30574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta\omega\bar{K}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta\eta\omega\bar{K}^0\bar{D}^{*-})$	30573	30001	1	37267
30575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	30574	30002	1	37268
30576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}J/\psi\bar{K}_1^0)$	30575	30003	1	37269
30577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\Sigma^{*0}\bar{\Sigma}_c^{*0}, B^0 \to \omega D^-\bar{\Sigma}^+\Sigma^0$ $(e^+e^- \to \omega K^0D^-\bar{\Sigma}^+\Sigma^0\Sigma^{*0}\bar{\Sigma}_c^{*0})$	30576	30004	1	37270
30578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^*D^+D^-, \bar{B}^0 \to \rho^+K^-\eta_c$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*K^-D^+D^-\eta_c)$	30577	30005	1	37271
30579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s1}^-$ $(e^+e^- \to \pi^0\bar{K}^*K^+D^+\bar{D}^{*-}D_{s1}^-)$	30578	30006	1	37272
30580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi n\bar{n}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega D^{*+}J/\psi n\bar{n})$	30579	30007	1	37273
30581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^+a_1^-\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^+a_1^-D_1'^-\gamma)$	30580	30008	1	37274
30582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-K^-D^+D^{*+}\bar{D}^{*0})$	30581	30009	1	37275
30583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta K^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^-\bar{D}^{*-}D^0)$	30582	30010	1	37276

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0K^{*+}D^-D^0D^0\bar{D}^{*0})$	30583	30011	1	37277
30585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^-D^+\bar{D}^0)$	30584	30012	1	37278
30586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^0K^+K^-K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta K^0K^+K^-K^-D^{*+}\bar{D}^{*-})$	30585	30013	1	37279
30587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^+\bar{\Xi}_c^{*-}, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \bar{K}^0\bar{K}^0D_s^+D_s^-\Delta^+\bar{\Xi}_c^{*-})$	30586	30014	1	37280
30588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*+}a_1^-)$	30587	30015	1	37281
30589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^+K^{*-}D^{*+}\bar{D}^{*-})$	30588	30016	1	37282
30590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+D^{*+}D_s^-)$	30589	30017	1	37283
30591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\rho^+\omega D^+D^-a_1^-)$	30590	30018	1	37284
30592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^+D^{*0}a_1^-)$	30591	30019	1	37285
30593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D_2^{*+}\eta_c)$	30592	30020	1	37286
30594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^+K^{*-}D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\eta\omega K^0\bar{K}^0K^{*-}D^-D^{*0}\bar{D}^{*0})$	30593	30021	1	37287
30595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+\gamma, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}D_{s1}^+\gamma)$	30594	30022	1	37288
30596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^-D^0a_1^+)$	30595	30023	1	37289
30597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^-a_1^+)$	30596	30024	1	37290
30598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\eta\omega D^-\bar{D}^{*-})$	30597	11942	1	37291
30599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \bar{K}^*D_s^-D_s^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^{*+}D_s^-D_s^{*+})$	30598	30025	1	37292
30600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+K^0, \bar{B}^0 \to \omega\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^0\bar{K}^0D^0)$	30599	30026	1	37293

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\pi^- D^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^- D^{*+}D^0)$	30600	30027	1	37294
30602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- K^{*+}K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^- K^{*+}K^{*-}D^- D_2^{*+})$	30601	30028	1	37295
30603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^*\eta_c, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^* D^{*+}\eta_c)$	30602	30029	1	37296
30604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- \bar{D}^{*-}\bar{\Delta}^- n, \bar{B}^0 \to \rho^-\bar{n}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{\Delta}^- n\bar{n}\Lambda_c^+)$	30603	30030	1	37297
30605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \eta K^*\bar{K}^*$ $(e^+e^- \to \pi^0\rho^0\eta K^*\bar{K}^* D^+\bar{D}^{*-})$	30604	30031	1	37298
30606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta p\bar{\Sigma}_c^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^+ p\bar{\Sigma}_c^-)$	30605	30032	1	37299
30607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to \rho^+\rho^-\eta\eta D^0$ $(e^+e^- \to \rho^+\rho^-\eta\eta D^0\bar{D}^0\bar{p}\Delta^+)$	30606	30033	1	37300
30608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+ K^0\bar{K}^0 D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ K^0\bar{K}^0 D^- D^{*+}a_1^-)$	30607	30034	1	37301
30609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^0\bar{\Lambda}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^0\Delta^0\bar{\Lambda})$	30608	30035	1	37302
30610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^- K^* K^- D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^* K^- D^+ D^{*+})$	30609	30036	1	37303
30611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^* D^+ D^-\bar{D}^{*-})$	30610	30037	1	37304
30612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^-\eta D^{*+}p\bar{p}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^- D^{*+}p\bar{p})$	30611	30038	1	37305
30613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to K^0\bar{K}^0 D^{*+}n\bar{p}$ $(e^+e^- \to K^0\bar{K}^0 D^{*+}\bar{D}^{*-}D_s^+ n\bar{p})$	30612	30039	1	37306
30614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\bar{K}^0 K^*\eta' D^0$ $(e^+e^- \to \pi^0\bar{K}^0 K^*\eta'\bar{D}^{*-}D^0 D_{s1}'^+)$	30613	30040	1	37307
30615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^- p\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^0 K^0 K^- D^+$ $(e^+e^- \to \rho^0\pi^+\rho^- K^0 K^- D^+ p\bar{\Lambda}_c^-)$	30614	30041	1	37308
30616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+\bar{D}^0)$	30615	30042	1	37309
30617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta K^0 D^+ D^- D^{*+})$	30616	30043	1	37310

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+\rho^-K^0\bar{K}^0$ $(e^+e^- \to \rho^+\rho^-K^0\bar{K}^0D_2^{*-}D_s^{*+})$	30617	30044	1	37311
30619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^0\bar{K}^*D^+\bar{D}^{*-})$	30618	30045	1	37312
30620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+\gamma, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^+\gamma)$	30619	30046	1	37313
30621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta D^{*+}\bar{D}^{*-})$	30620	30047	1	37314
30622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega K^+D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega K^+D^+D^-D^{*+})$	30621	30048	1	37315
30623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta\omega D^{*+}D_2^{*-})$	30622	30049	1	37316
30624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega\bar{D}^{*-}\bar{n}p, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}\bar{n}p)$	30623	30050	1	37317
30625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\rho^0\pi^+\rho^-\omega$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^{*+}\Delta^+\bar{\Sigma}_c^{--})$	30624	30051	1	37318
30626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	30625	30052	1	37319
30627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_2^{*-}, \bar{B}^0 \to \pi^0\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\omega K^0K^{*-}D^{*+}D_2^{*-})$	30626	30053	1	37320
30628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^-D_s^+\eta_c)$	30627	30054	1	37321
30629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{D}^0D^{*0}D_s^+)$	30628	30055	1	37322
30630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	30629	30056	1	37323
30631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D^{*0})$	30630	30057	1	37324
30632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta D^-D^{*+})$	30631	24308	1	37325
30633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	30632	30058	1	37326
30634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	30633	30059	1	37327

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^0D^-, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{K}^0K^+D^-\bar{D}^{*-})$	30634	30060	1	37328
30636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^+K^-D^+\bar{D}^{*-})$	30635	30061	1	37329
30637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta\eta\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-})$	30636	30062	1	37330
30638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^0\rho^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	30637	30063	1	37331
30639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^+K^{*-}\eta_c$ $(e^+e^- \to \pi^+\rho^+K^*K^{*-}\eta_c\Delta^0\bar{\Sigma}_c^{*-})$	30638	30064	1	37332
30640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+})$	30639	30065	1	37333
30641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}D^{*0}D_0^{*-})$	30640	30066	1	37334
30642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}D^{*+}\bar{D}^{*0})$	30641	30067	1	37335
30643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+D^+D^-n\bar{p})$	30642	30068	1	37336
30644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-\bar{K}_1^0\psi')$	30643	30069	1	37337
30645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0)$	30644	30070	1	37338
30646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^{*+}a_1^-)$	30645	30071	1	37339
30647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c'^0, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \bar{K}^0\bar{K}^0D^+D^-n\bar{\Xi}_c'^0)$	30646	30072	1	37340
30648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \rho^-K^0\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta K^0\bar{K}^*D^+D^-)$	30647	30073	1	37341
30649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0D^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\eta\bar{K}^0D^-\bar{D}^{*-}D^0)$	30648	30074	1	37342
30650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^+D^-D_s^{*+})$	30649	30075	1	37343
30651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0K^0K^0\bar{K}^*K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0K^0K^0\bar{K}^*K^{*-}D^-D^{*+})$	30650	30076	1	37344

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+K^0D^+\bar{D}^{*0})$	30651	30077	1	37345
30653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}D_s^{*-})$	30652	30078	1	37346
30654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu D^-D^{*0}n\bar{\Delta}^0)$	30653	30079	1	37347
30655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^+D^-D^0D_1^+)$	30654	30080	1	37348
30656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\omega\eta'\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\omega\omega\eta'\bar{D}^{*-}D_2^{*-})$	30655	30081	1	37349
30657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^-)$	30656	30082	1	37350
30658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^*K^{*-}D^+\bar{D}^{*-})$	30657	30083	1	37351
30659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+K^-D^{*+}\bar{D}^{*-})$	30658	30084	1	37352
30660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\omega\omega D^+\bar{D}^{*-})$	30659	30085	1	37353
30661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^+K^-\eta_c$ $(e^+e^- \to \rho^0\pi^+\bar{K}^*K^+K^-\bar{D}^{*-}\eta_c)$	30660	30086	1	37354
30662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega J/\psi, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \omega K^+\bar{D}^{*-}D^{*0}J/\psi)$	30661	30087	1	37355
30663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \bar{K}^*\psi'$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^0\psi')$	30662	30088	1	37356
30664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	30663	30089	1	37357
30665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	30664	30090	1	37358
30666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-})$	30665	209	1	37359
30667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \rho^0\rho^0\eta K^-D_s^{*+}$ $(e^+e^- \to \rho^0\rho^0\eta K^-D^+D_s^{*+}\Delta^0\bar{\Delta}^+)$	30666	30091	1	37360
30668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\eta K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta K^+K^-\bar{D}^{*-}D^0)$	30667	30092	1	37361

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^+\eta D^{*+})$	30668	30093	1	37362
30670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^*K^-D^+\bar{D}^{*-})$	30669	30094	1	37363
30671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\eta\Sigma^-\bar{\Xi}_c^0$ $(e^+e^- \to \pi^+\eta K^+\bar{D}^{*-}D^{*0}\Sigma^-\bar{\Xi}_c^0)$	30670	30095	1	37364
30672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\bar{D}^{*0}, B^0 \to e^+\nu_eD_0^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*0}D_0^{*-})$	30671	30096	1	37365
30673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\omega\bar{K}^*K^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	30672	30097	1	37366
30674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-})$	2661	2655	1	37367
30675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^+\bar{D}^{*-}D^0n\bar{\Sigma}_c^-)$	30674	30099	1	37368
30676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \omega D^+D_s^{*-}$ $(e^+e^- \to e^+\nu_e\omega D^+D^-D_s^{*-})$	30675	30100	1	37369
30677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta K^0K^0\bar{K}^*\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta K^0K^0\bar{K}^*D^{*+}\bar{D}^{*0})$	30676	30101	1	37370
30678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-\gamma, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to K^0K^0K^{*-}D^+D^+D^-\gamma)$	30677	30102	1	37371
30679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-})$	30678	30103	1	37372
30680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-p\bar{p}, \bar{B}^0 \to K^{*-}\bar{\Lambda}\Xi_c'^+$ $(e^+e^- \to \rho^+K^{*-}D^-p\bar{p}\bar{\Lambda}\Xi_c'^+)$	30679	30104	1	37373
30681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^+K^-D^-D^0\bar{D}^0\bar{\Delta}^-\Delta^0)$	30680	30105	1	37374
30682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\Xi^{*-}\bar{\Xi}_c^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\Xi^{*-}\bar{\Xi}_c^0)$	30681	30106	1	37375
30683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^0\omega\bar{K}^0K^+D^-$ $(e^+e^- \to \rho^0\omega\bar{K}^0K^+D^-\bar{D}^{*-}a_1^+)$	30682	30107	1	37376
30684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-n\bar{n}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\eta\omega K^{*-}D^+D^-\bar{D}^0n\bar{n})$	30683	30108	1	37377
30685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^*D^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0K^*D^0\bar{D}^0)$	30684	30109	1	37378

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^-\bar{K}^*D^{*0}\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^+)$	30685	30110	1	37379
30687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^{*+}\bar{D}^0)$	30686	30111	1	37380
30688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^*K^+D^+D^-)$	30687	30112	1	37381
30689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^+D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^+\bar{D}^{*-}D_s^{*-})$	30688	30113	1	37382
30690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+})$	30689	21672	1	37383
30691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	30690	30114	1	37384
30692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega D^+D^-)$	30691	30115	1	37385
30693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^-D^+D^-\bar{D}^{*0})$	30692	30116	1	37386
30694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^+K^*K^-D^{*+}\bar{D}^{*-})$	30693	30117	1	37387
30695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\omega D^{*+}\bar{D}^{*-})$	30694	30118	1	37388
30696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \rho^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\gamma)$	30695	6588	1	37389
30697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\rho^+\omega\omega D^-D^0D_s^-)$	30696	30119	1	37390
30698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*K^{*-}D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*K^{*-}D^+D^{*+})$	30697	30120	1	37391
30699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+D^-, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0K^+D^-\bar{D}^{*-})$	30698	30121	1	37392
30700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega K^+D^+D^{*+}\bar{D}^{*-})$	30699	30122	1	37393
30701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	30700	30123	1	37394
30702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	30701	30124	1	37395

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \pi^0 \bar{K}^* \eta_c$ $(e^+e^- \to \pi^0 \rho^- \bar{K}^* D^{*+} \eta_c)$	30702	30125	1	37396
30704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-}, \bar{B}^0 \to D_s^- D_1'^+ \gamma$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} D_s^- D_1'^+ \gamma)$	30703	30126	1	37397
30705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^- \eta D^{*+}$ $(e^+e^- \to \rho^0 \pi^- \eta D^{*+} \bar{D}^{*-} D_s^{*+})$	30704	4464	1	37398
30706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \rho^+ D^- \bar{\Sigma}^0 \Sigma^+, \bar{B}^0 \to \pi^0 \rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- \rho^+ \rho^- D^- D^{*+} \bar{\Sigma}^0 \Sigma^+)$	30705	30127	1	37399
30707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \rho^0 D^+ D_s^-$ $(e^+e^- \to e^+\nu_e \rho^0 D^+ \bar{D}^{*-} D_s^-)$	30706	30128	1	37400
30708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- \rho^+ \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^- \rho^+ \bar{K}^0 K^+ D^- D^{*0})$	30707	30129	1	37401
30709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 \bar{K}^0 \bar{D}^{*-} D_s^+, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0 \rho^0 K^0 K^0 \bar{K}^0 K^{*-} D^+ \bar{D}^{*-} D_s^+)$	30708	30130	1	37402
30710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^0 \bar{K}^* K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \rho^0 K^0 \bar{K}^* K^- D^{*+} \bar{D}^{*-})$	2662	2656	1	37403
30711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^0 \rho^+ \omega D^-, \bar{B}^0 \to \rho^- \bar{\Delta}^0 \Sigma_c^+$ $(e^+e^- \to \pi^0 \rho^0 \rho^+ \rho^- \omega D^- \bar{\Delta}^0 \Sigma_c^+)$	30710	30132	1	37404
30712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+}, \bar{B}^0 \to \pi^0 \bar{n} \Sigma_c^0$ $(e^+e^- \to \pi^0 \pi^- D^{*+} \bar{n} \Sigma_c^0)$	30711	30133	1	37405
30713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0 \Sigma^+ \bar{\Xi}_c^-, B^0 \to \pi^0 \rho^0 \omega \bar{K}^0 K^{*+} \bar{D}^{*-} \gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0 \rho^0 \omega \bar{K}^0 K^{*+} \bar{D}^{*-} \Sigma^+ \bar{\Xi}_c^- \gamma)$	30712	30134	1	37406
30714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^- \bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \omega\omega K^0 K^- D^+$ $(e^+e^- \to \mu^- \bar{\nu}_\mu \omega\omega K^0 K^- D^+ D^{*+})$	30713	30135	1	37407
30715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- \eta \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- \rho^+ \bar{p} \Lambda_c^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- \rho^+ \eta \bar{D}^{*-} \bar{p} \Lambda_c^+)$	30714	30136	1	37408
30716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^0 \pi^+ \omega\omega D^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0 \rho^0 \pi^+ \omega\omega D^- D^{*+} D_{s1}'^-)$	30715	30137	1	37409
30717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega K^0 K^+ K^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \eta\omega K^0 K^+ K^{*-} D^{*+} D_{s1}'^-)$	30716	30138	1	37410
30718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_2^{*-} D_s^+, B^0 \to \rho^0 \pi^+ \eta' D^-$ $(e^+e^- \to \rho^0 \pi^+ \eta' D^- D_2^{*-} D_s^+)$	30717	30139	1	37411
30719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \rho^0 \pi^+\pi^+\pi^- \eta K^0 \bar{D}^{*-}, \bar{B}^0 \to D^+ D_s^- \gamma$ $(e^+e^- \to \rho^0 \rho^0 \pi^+\pi^+\pi^- \eta K^0 D^+ \bar{D}^{*-} D_s^- \gamma)$	30718	30140	1	37412

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^+\bar{D}^{*-}a_1^+)$	30719	30141	1	37413
30721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^-K^0K^-D^{*+}\bar{n}p$ $(e^+e^- \to \tau^+\nu_\tau\pi^-K^0K^-D^{*+}\bar{n}pD_1'^-)$	30720	30142	1	37414
30722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	30721	30143	1	37415
30723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-})$	30722	30144	1	37416
30724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, B^0 \to \pi^0K^+\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0K^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0)$	30723	30145	1	37417
30725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to K^0\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to K^0J/\psi\bar{\Delta}^+\Xi_c^{*+}K_1^0)$	30724	30146	1	37418
30726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{K}^0K^*D^-, \bar{B}^0 \to \rho^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^*K^+K^-D^-D^{*+})$	30725	30147	1	37419
30727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0D^-\bar{\Sigma}^0\Sigma^+$ $(e^+e^- \to e^+\nu_e\rho^0D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	30726	30148	1	37420
30728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-D^{*0})$	30727	30149	1	37421
30729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D_1'^-, B^0 \to \pi^0\pi^-\rho^+\omega K^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\omega K^0D_1'^-)$	30728	30150	1	37422
30730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+\bar{K}^0\bar{K}^0K^*\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-)$	30729	30151	1	37423
30731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+D^-D^{*+})$	30730	30152	1	37424
30732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-}D_{s1}'^+\gamma)$	30731	30153	1	37425
30733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-K^+K^-D^+D^{*+})$	30732	30154	1	37426
30734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D^0\bar{D}^{*0})$	30733	30155	1	37427
30735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-D^-D^{*+}\bar{D}^{*0})$	30734	30156	1	37428
30736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*0})$	30735	30157	1	37429

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+ D^{*+} D_{s1}'^-)$	30736	12781	1	37430
30738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega D^+ D^-)$	30737	30158	1	37431
30739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^- K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0 K^- D^+\Sigma^-\bar{\Xi}^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^- K^+K^- K^- D^+\bar{D}^{*0}\Sigma^-\bar{\Xi}^+)$	30738	30159	1	37432
30740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^- D^{*+} p\bar{p}$ $(e^+e^- \to \pi^0\pi^-\pi^- D^{*+}\bar{D}^0 D_s^{*+} p\bar{p})$	30739	30160	1	37433
30741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta' D^{*+} p\bar{\Sigma}_c^0)$	30740	30161	1	37434
30742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^{*-} D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0 K^{*-} D^{*+}\bar{D}^{*-})$	30741	30162	1	37435
30743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Xi}_c'^0, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^- D^{*+} p\bar{\Xi}_c'^0 a_1^-)$	30742	30163	1	37436
30744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	30743	30164	1	37437
30745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^- D_2^{*+} a_1^+\gamma)$	30744	30165	1	37438
30746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^0 K^{*-} D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+ K^0 K^{*-} D^+\bar{D}^{*-})$	30745	30166	1	37439
30747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \eta D_s^+ D_s^-$ $(e^+e^- \to \rho^0\pi^+\eta\eta\bar{D}^{*-} D_s^+ D_s^- n\bar{n})$	30746	30167	1	37440
30748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta K^+K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^+K^- D^+\bar{D}^0\bar{n}\Delta^0)$	30747	30168	1	37441
30749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\bar{K}^* D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\bar{K}^* D^-\bar{D}^{*-})$	30748	30169	1	37442
30750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^0\pi^0\rho^+\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega\omega D^-\bar{D}^{*-} a_1^+)$	30749	30170	1	37443
30751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^+\pi^-\pi^- K^+K^-\eta' D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^- K^+K^-\eta' D^+ D^{*+})$	30750	30171	1	37444
30752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^- D^+ D^{*+} D_{s1}'^-)$	30751	30172	1	37445
30753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\bar{K}^0\bar{K}^0 K^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{K}^0\bar{K}^0 K^* D^-\bar{D}^{*-})$	30752	30173	1	37446

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to K^0 K^{*-} D^{*+}$ $(e^+e^- \to K^0 K^{*-} D^- D^{*+} a_1^+)$	30753	30174	1	37447
30755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 K^+ D^{*0} D_s^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^- K^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^0 K^+ K^- D^+ D^{*0} D_s^{*-})$	30754	30175	1	37448
30756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^- K^* D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0 \rho^- K^* D^+ D^{*+})$	30755	30176	1	37449
30757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0 \bar{D}^{*0} p\bar{p}, B^0 \to \rho^+ \bar{D}^{*-} n\bar{n}$ $(e^+e^- \to \rho^0\rho^+ \bar{D}^{*-} \bar{D}^{*0} n\bar{n}p\bar{p})$	30756	30177	1	37450
30758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+ D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+ \bar{D}^{*-} D^{*0} D_s^+)$	30757	30178	1	37451
30759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^+ D^-$ $(e^+e^- \to \pi^+ \bar{K}^* D^+ D^- \bar{D}^{*-})$	30758	30179	1	37452
30760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \bar{D}^{*-} \bar{\Delta}^- n, \bar{B}^0 \to K^- D^{*+} \bar{D}^0$ $(e^+e^- \to \pi^0 K^- D^{*+} \bar{D}^{*-} \bar{D}^0 \bar{\Delta}^- n)$	30759	30180	1	37453
30761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ \bar{K}^0 \bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- \bar{K}^0 D^{*+} \bar{D}^{*-} D^0)$	30760	30181	1	37454
30762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 D^{*+} n\bar{p}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-\omega D^{*+} D^{*+} n\bar{p})$	30761	30182	1	37455
30763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^- K^0 \bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta K^0 D^{*+} \bar{D}^0)$	30762	30183	1	37456
30764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+ D^-, B^0 \to \rho^0\pi^+\eta \bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta D^- \bar{D}^{*-})$	30763	24740	1	37457
30765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^- D^+ D_s^- D_1^-)$	30764	30184	1	37458
30766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^* \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^* D^{*+} \bar{D}^{*-})$	30765	30185	1	37459
30767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\chi_{c1}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to K_S D^{*+} a_1^- \chi_{c1})$	30766	30186	1	37460
30768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D_1^+ D_1'^+)$	30767	30187	1	37461
30769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to K^+ \bar{\Delta}^+ \Xi_c^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^+ \bar{D}^{*-} \bar{\Delta}^+ \Xi_c^{*0})$	30768	30188	1	37462
30770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} p\bar{\Sigma}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau \bar{D}^{*-} p\bar{\Sigma}^{*0} D_0^{*+})$	30769	30189	1	37463

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^0K^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0K^+D^+)$	30770	30190	1	37464
30772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^+D^-\bar{D}^{*-})$	30771	30191	1	37465
30773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^0)$	30772	30192	1	37466
30774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^+K^-K^-\bar{D}^{*-}D_s^+)$	30773	30193	1	37467
30775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega\omega D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\omega\omega D^{*0}D_1'^-)$	30774	30194	1	37468
30776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^0\Lambda\bar{\Lambda}, B^0 \to \pi^0\pi^+\pi^-\rho^+K^*D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*D^-\bar{D}^0\Lambda\bar{\Lambda})$	30775	30195	1	37469
30777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+D^{*+}\Sigma^-\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega D^-D^{*+}\Sigma^-\bar{\Sigma}^-)$	30776	30196	1	37470
30778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	30777	30197	1	37471
30779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^+\omega\bar{K}^0K^*\bar{D}^{*-}D_s^-D_1^+)$	30778	30198	1	37472
30780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\bar{D}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}\bar{D}^0)$	30779	30199	1	37473
30781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^+\rho^-\omega$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega\bar{D}^0D_s^{*+})$	30780	30200	1	37474
30782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+\bar{p}\Xi_c'^0$ $(e^+e^- \to \pi^+\bar{D}^{*-}D_s^+\bar{p}\Xi_c'^0)$	30781	30201	1	37475
30783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^+D^-\Delta^-\bar{\Delta}^0D_{s1}'^+)$	30782	30202	1	37476
30784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^0)$	30783	30203	1	37477
30785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega K^0D^-D^{*+})$	30784	30204	1	37478
30786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^*\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\bar{K}^*\bar{n}pD_1'^-)$	30785	30205	1	37479
30787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+)$	30786	30206	1	37480

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^{*-}D^0\bar{D}^0D_1'^-)$	30787	30207	1	37481
30789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}D^0D^{*0})$	30788	30208	1	37482
30790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^+\Lambda\bar{\Lambda}_c^-$ $(e^+e^- \to \pi^+K^0J/\psi\Lambda\bar{\Lambda}_c^-)$	30789	30209	1	37483
30791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^0K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+K^0K^-D^{*+}\bar{D}^{*-})$	30790	30210	1	37484
30792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to D^-D^{*+}$ $(e^+e^- \to D^-D^{*+}D_2^{*-}D_s^{*+})$	30791	30211	1	37485
30793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^0\Lambda\bar{\Lambda}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0\Lambda\bar{\Lambda})$	30792	30212	1	37486
30794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^+D^-n\bar{n}$ $(e^+e^- \to e^+\nu_e\rho^+D^-D^-n\bar{n})$	30793	30213	1	37487
30795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^0)$	30794	30214	1	37488
30796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^-D^{*+}, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\rho^-K^+D^+D^-D^{*+})$	30795	30215	1	37489
30797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-n\bar{\Xi}^+, \bar{B}^0 \to \pi^-\rho^+K^*K^-D^+$ $(e^+e^- \to \pi^-\rho^+K^*K^-D^+D_s^-n\bar{\Xi}^+)$	30796	30216	1	37490
30798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^+\bar{D}^{*-})$	30797	30217	1	37491
30799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^0n\bar{n}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}n\bar{n})$	30798	30218	1	37492
30800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, B^0 \to \pi^-K^+D^0\bar{D}^0$ $(e^+e^- \to \pi^-\bar{K}^*K^+K^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	30799	30219	1	37493
30801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+D^+D_s^{*-}n\bar{\Sigma}_c^-)$	30800	30220	1	37494
30802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta'D^-, \bar{B}^0 \to K^+K^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta K^+K^-\eta'D^-D^{*+}n\bar{p})$	30801	30221	1	37495
30803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	30802	30222	1	37496
30804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\eta'D^{*+}D^{*0})$	30803	30223	1	37497

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}D^{*0})$	30804	30224	1	37498
30806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^*D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^*K^{*-}D^-D^{*+}\bar{D}^0)$	30805	30225	1	37499
30807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D^{*+}\Sigma^+\bar{\Sigma}^-)$	30806	30226	1	37500
30808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta\omega\omega$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\omega D^-D_s^+)$	30807	30227	1	37501
30809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^0K^*K^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0K^*K^-K^-K^{*+}D^+D_2^{*-}D_s^+)$	30808	30228	1	37502
30810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0K^{*+}D^+D^-D^0D_s^-)$	30809	30229	1	37503
30811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta' p\bar{\Lambda}_c^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta' D^{*+}p\bar{\Lambda}_c^-)$	30810	30230	1	37504
30812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-p\bar{p}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^+D^+D^-D_s^-p\bar{p})$	30811	30231	1	37505
30813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^+K^-K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^+K^-K^-D^{*+}\bar{D}^{*-})$	30812	30232	1	37506
30814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\rho^+\eta D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-})$	30813	30233	1	37507
30815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\phi D^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+\phi\bar{D}^{*-}D^0D_s^-)$	30814	30234	1	37508
30816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-K^*D^+D^-\bar{\Delta}^+\Sigma_c^{++})$	30815	30235	1	37509
30817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^0$ $(e^+e^- \to \pi^0D^+\bar{\Delta}^+\Sigma^-\bar{\Sigma}^0\Sigma_c^+)$	30816	30236	1	37510
30818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^{*+}D^+D^-D^{*0})$	30817	30237	1	37511
30819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\rho^-\eta K^{*-}D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-\eta\omega K^{*-}D^+D^+)$	30818	30238	1	37512
30820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Xi}_c^{*0}, \bar{B}^0 \to \eta\bar{p}\Sigma_c^+$ $(e^+e^- \to \pi^-\eta\bar{p}\Delta^+\Sigma_c^+\bar{\Xi}_c^{*0})$	30819	30239	1	37513
30821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}a_1^+)$	30820	30240	1	37514

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\rho^+\rho^- D^-$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^- D^- D^-)$	30821	30241	1	37515
30823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to D^- D_s^{*-} D_1^+ a_1^+)$	30822	30242	1	37516
30824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\omega\omega D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\omega\omega K^0K^{*-}D^+D^-)$	30823	30243	1	37517
30825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- K^0\bar{K}^*\bar{K}^*$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- K^0\bar{K}^*\bar{K}^*\bar{D}^{*-})$	30824	30244	1	37518
30826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \rho^- D^{*+}\gamma$ $(e^+e^- \to \rho^+\rho^- D^{*+} D_2^{*-}\gamma)$	30825	30245	1	37519
30827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- D^+D^+)$	30826	30246	1	37520
30828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+} D_s^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to D^{*+} D_2^{*+} D_s^- \Delta^-\bar{n})$	30827	30247	1	37521
30829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\eta\bar{K}^0 D^- D^- D^{*0})$	30828	30248	1	37522
30830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 J/\psi, \bar{B}^0 \to \pi^+\pi^-\rho^+ K^-\phi$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^0 K^-\phi J/\psi)$	30829	30249	1	37523
30831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0 K^+ D^-, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0 K^+ D^-\bar{D}^{*-})$	30830	30250	1	37524
30832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0 K^+ D_s^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^0\rho^0 K^+ D^{*+} D_s^- D_{s1}'^-)$	30831	30251	1	37525
30833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L J/\psi, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e K_L\bar{D}^{*-} J/\psi)$	30832	30252	1	37526
30834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega K^0\bar{K}^0 D^- D^{*+})$	30833	30253	1	37527
30835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\bar{K}^0 K^* D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\bar{K}^0 K^* D^+ D_0^{*-})$	30834	30254	1	37528
30836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to K^+ D^- D^0$ $(e^+e^- \to \mu^+\nu_\mu K^+ D^-\bar{D}^{*-} D^0)$	30835	30255	1	37529
30837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1'^-, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^0 D_s^{*+} D_1'^-)$	30836	30256	1	37530
30838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-} D_2^{*+} D_s^-)$	30837	30257	1	37531

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0 D^{*+}\bar{D}^{*-}a_1^-)$	30838	30258	1	37532
30840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}\bar{D}^{*-}D_2^{*+})$	30839	30259	1	37533
30841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*0}\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}D^{*0}\bar{n}p)$	30840	30260	1	37534
30842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}a_1^+)$	30841	21531	1	37535
30843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}, \bar{B}^0 \to \omega K^-D^+$ $(e^+e^- \to \omega K^-D^+D_2^{*+}D_s^{*-})$	30842	30261	1	37536
30844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega K^+K^-D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^+\omega K^+K^-D^-D^{*+}a_1^-)$	30843	30262	1	37537
30845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\chi_{c0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+K^-\bar{D}^{*-}\chi_{c0})$	30844	30263	1	37538
30846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega D^-D^{*+})$	30845	30264	1	37539
30847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^*D^{*+}J/\psi a_1^-)$	30846	30265	1	37540
30848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^+\pi^+\pi^-K^{*-}\eta'$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^-K^{*-}\eta')$	30847	30266	1	37541
30849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^{*-}D^-, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+K^+K^{*-}D^-\bar{\Delta}^0\Sigma_c^{*0})$	30848	30267	1	37542
30850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^+\bar{D}^{*-})$	30849	30268	1	37543
30851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Lambda_c^+)$	30850	30269	1	37544
30852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0K^0D^+D^+\bar{D}^{*-}\Delta^-\bar{n})$	30851	30270	1	37545
30853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{n})$	30852	30271	1	37546
30854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	30853	30272	1	37547
30855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \rho^0\pi^-\eta'D^+$ $(e^+e^- \to \rho^0\pi^-K^{*+}\eta'D^+D^-D^0)$	30854	30273	1	37548

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^+\bar{D}^{*-}D^0D_s^-)$	30855	30274	1	37549
30857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-K^0D^+\Delta^+\bar{\Sigma}_c^-)$	30856	30275	1	37550
30858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^-)$	30857	30276	1	37551
30859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-K^+K^-K^{*-}D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+K^-K^{*-}D^-D^0)$	30858	30277	1	37552
30860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\eta K^{*-}\bar{n}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta\omega K^{*-}D^-\bar{n}\Delta^+)$	30859	30278	1	37553
30861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\chi_{c2}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0K^0D^{*+}D_s^{*-}\chi_{c2})$	30860	30279	1	37554
30862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^+D_s^-)$	30861	30280	1	37555
30863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0D^+\bar{D}^{*-})$	30862	30281	1	37556
30864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^-p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-p)$	30863	30282	1	37557
30865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^-K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-K^+K^-D^-D^{*+})$	30864	30283	1	37558
30866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^{*0}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu D^{*0}n\bar{n}D_1'^-)$	30865	30284	1	37559
30867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0K^0K^-D^+D^-\bar{\Sigma}^+\Sigma^0)$	30866	30285	1	37560
30868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^+D^-D_2^{*+})$	30867	30286	1	37561
30869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-\bar{D}^0D_s^+, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{D}^0D_s^+)$	30868	30287	1	37562
30870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^+\rho^+\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	30869	30288	1	37563
30871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^0)$	30870	30289	1	37564
30872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0\rho^+\rho^-D^{*+}\bar{D}^{*0}D_{s1}'^-)$	30871	30290	1	37565

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega D^- D^{*+}a_1^-)$	30872	30291	1	37566
30874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}D^-D^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^{*+}D^-\bar{D}^{*-}D^0)$	30873	30292	1	37567
30875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_s^+D_1'^+)$	30874	30293	1	37568
30876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^*D^+D^-D^{*+})$	30875	30294	1	37569
30877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D_s^-D_1'^+$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D_s^-D_1'^+)$	30876	30295	1	37570
30878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\rho^-D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\rho^-\rho^-K^+D^{*+}\bar{D}^0D^{*0}D_s^{*-})$	30877	30296	1	37571
30879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0K^-K^{*+}D^0$ $(e^+e^- \to e^+\nu_e\pi^0K^-K^{*+}D^0D_1'^-)$	30878	30297	1	37572
30880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Xi}_c^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Xi}_c^{*-})$	30879	30298	1	37573
30881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	30880	30299	1	37574
30882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^-K^{*+}D^+D_s^{*-})$	30881	30300	1	37575
30883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^+\bar{D}^{*-})$	30882	30301	1	37576
30884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta\eta D^{*+}\bar{D}^{*0})$	30883	30302	1	37577
30885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega K^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-})$	30884	30303	1	37578
30886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \rho^0\pi^-\rho^+\rho^+D^-$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-}a_1^+)$	30885	30304	1	37579
30887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\omega D^-, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \rho^+\eta\omega\omega D^+D^-n\bar{p})$	30886	30305	1	37580
30888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}D_2^{*+})$	30887	30306	1	37581
30889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^-D^{*+})$	30888	30307	1	37582

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Sigma^0\bar{\Xi}_c^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0 D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^-)$	30889	30308	1	37583
30891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta' D^-, \bar{B}^0 \to \bar{K}^* D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\eta' D^+ D^-\bar{D}^{*-})$	30890	30309	1	37584
30892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^+ D^-, \bar{B}^0 \to \pi^0\bar{K}^0 D^+ D^-$ $(e^+e^- \to \pi^0\eta K^0\bar{K}^0 D^+ D^+ D^- D^-)$	30891	28461	1	37585
30893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0 K^+\bar{D}^{*-} D_0^{*+})$	30892	30310	1	37586
30894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0 D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0 D^+ D^-\bar{D}^{*0}\bar{n}p)$	30893	30311	1	37587
30895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ K^0 D^-, \bar{B}^0 \to \pi^+ K^- D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+ K^0 K^- D^- D^{*0}\bar{D}^{*0})$	30894	30312	1	37588
30896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^+, \bar{B}^0 \to D^- D^{*+}$ $(e^+e^- \to \pi^- D^+ D^- D^{*+})$	30895	30313	1	37589
30897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^0 n\bar{n}, B^0 \to \pi^+\rho^-\bar{K}^0 K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-\bar{K}^0 K^+\bar{D}^{*-}\bar{D}^0 n\bar{n})$	30896	30314	1	37590
30898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^- K^{*+}\bar{D}^0 p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^- K^{*+} D^{*+}\bar{D}^0 p\bar{p})$	30897	30315	1	37591
30899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \eta\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^0)$	30898	30316	1	37592
30900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^- D_s^+, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \rho^0 D^+ D^- D_s^+ D_{s1}'^-)$	30899	30317	1	37593
30901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^- K^+\bar{D}^0, \bar{B}^0 \to \rho^0 K^0 K^{*-}\eta' D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^- K^0 K^+ K^{*-}\eta' D^{*+}\bar{D}^0)$	30900	30318	1	37594
30902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-})$	30901	30319	1	37595
30903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} a_1^+, \bar{B}^0 \to D_s^{*-} D_1^+$ $(e^+e^- \to \bar{D}^{*-} D_s^{*-} D_1^+ a_1^+)$	30902	30320	1	37596
30904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^-\Delta^+\bar{\Sigma}^0, B^0 \to \pi^0\pi^0\rho^+ K^+ K^- D^-$ $(e^+e^- \to \pi^0\pi^0\rho^+ K^+ K^- D^- D^-\Delta^+\bar{\Sigma}^0)$	30903	30321	1	37597
30905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0 K^- D^{*+} D^{*+}\bar{D}^{*0} n\bar{p})$	30904	30322	1	37598
30906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- K^+ D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\pi^- K^{*+} K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^- K^+ K^{*+} K^{*-} D^{*+} D^{*0}\bar{D}^{*0})$	30905	30323	1	37599

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \bar{K}^*D_s^{*-}\eta_c D_1'^+)$	30906	30324	1	37600
30908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \phi D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^+\rho^-\phi D^+D^{*+}D_s^{*-}\Delta^-\bar{n})$	30907	30325	1	37601
30909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0\gamma$ $(e^+e^- \to D^+D^{*+}D_s^{*-}\Delta^-\bar{\Delta}^0\gamma\gamma)$	30908	30326	1	37602
30910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^+n\bar{p})$	30909	30327	1	37603
30911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{D}^0D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta K^0\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0})$	30910	30328	1	37604
30912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \rho^0\omega K^*K^-D^+$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-\omega K^*K^-D^+D^-)$	30911	30329	1	37605
30913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^*D^{*+}D_s^{*-})$	30912	30330	1	37606
30914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^+K^{*-}, \bar{B}^0 \to \pi^0\pi^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0K^0K^+K^-K^{*-}D^{*+})$	30913	30331	1	37607
30915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\omega K^0\bar{K}^0D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\rho^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	30914	30332	1	37608
30916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0D^-D_1^+)$	30915	30333	1	37609
30917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+D^-\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}\bar{p}\Delta^+)$	30916	30334	1	37610
30918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{p}\Sigma_c^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^+\bar{p}\Sigma_c^+)$	30917	30335	1	37611
30919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0K^*D_s^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^0K^*D^+D_s^-)$	30918	30336	1	37612
30920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^-\eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta K^0K^{*-}D^-D^{*+})$	30919	30337	1	37613
30921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+D^-, B^0 \to \rho^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^+D^-D^-)$	30920	30338	1	37614
30922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-})$	30921	30339	1	37615
30923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \bar{K}^0K^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^+K^-D^-D^0\bar{D}^0)$	30922	30340	1	37616

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0K^{*+}D^0D_s^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0K^{*+}D^{*+}D^0D_s^-)$	30923	30341	1	37617
30925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\bar{K}^*K^+\bar{D}^{*-}, B^0 \to \pi^-\rho^-\bar{K}^0\bar{K}^*K^+K^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-\rho^-\eta\bar{K}^0\bar{K}^*\bar{K}^*K^+K^+K^+\bar{D}^{*-}\bar{D}^{*0})$	30924	30342	1	37618
30926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega D^-D^{*+})$	30925	30343	1	37619
30927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-n\bar{n}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}n\bar{n})$	30926	30344	1	37620
30928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\eta' p\bar{\Lambda}_c^-, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta' D^+p\bar{\Lambda}_c^-a_1^-)$	30927	30345	1	37621
30929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-D^+D^+)$	30928	30346	1	37622
30930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to a_1^0a_1^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}a_1^0a_1^0)$	30929	30347	1	37623
30931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\eta\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\eta\omega D^+D_1^-)$	30930	30348	1	37624
30932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+})$	30931	30349	1	37625
30933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta\eta D^{*+}\bar{D}^{*-})$	30932	28923	1	37626
30934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \pi^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\bar{D}^{*-})$	30933	30350	1	37627
30935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta K^0\bar{K}^0D^+D^-)$	30934	30351	1	37628
30936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0K^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*-})$	524	524	1	37629
30937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-K^+\eta_c, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \rho^0\pi^+\rho^-K^+D^0D_s^-\eta_c)$	30936	30353	1	37630
30938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^-D_0^{*+})$	30937	30354	1	37631
30939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^{*+}D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0K^{*+}D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	30938	30355	1	37632
30940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, B^0 \to K^+D^-D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau K^+D^-\bar{D}^{*-}D^{*0})$	30939	2860	1	37633

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^*\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\eta\eta\bar{K}^0\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*0})$	30940	30356	1	37634
30942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^+\eta D^-D^{*+})$	30941	30357	1	37635
30943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	30942	30358	1	37636
30944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\rho^-D^{*+}\bar{D}^0)$	30943	30359	1	37637
30945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*0}p\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^+\bar{D}^{*0}p\bar{p})$	30944	30360	1	37638
30946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-})$	30945	30361	1	37639
30947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0\pi^+\pi^-\pi^-K^+D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^+D^+D^-D^-)$	30946	30362	1	37640
30948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta K^0\bar{K}^0D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^-\eta K^0\bar{K}^0D^+D^{*+})$	30947	30363	1	37641
30949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}D^{*+}D_s^{*-})$	30948	29349	1	37642
30950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+})$	30949	30364	1	37643
30951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^*\phi$ $(e^+e^- \to \bar{K}^*\phi D^-\bar{\Delta}^0\Delta^+)$	30950	30365	1	37644
30952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-})$	30951	30366	1	37645
30953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+D^{*+}n\bar{\Lambda}_c^-a_1^-)$	30952	30367	1	37646
30954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^+D^-)$	30953	20669	1	37647
30955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\bar{D}^{*-}D_1^-)$	30954	30368	1	37648
30956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^-K^{*+}D^-D^{*+}D^{*0})$	30955	30369	1	37649
30957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D_s^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0D^+D_s^+D_s^{*-})$	30956	30370	1	37650

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\bar{D}^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega D^-\bar{D}^0)$	30957	30371	1	37651
30959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}D_1'^-)$	30958	30372	1	37652
30960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega\omega K^*K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega K^*K^+K^-K^-D^-D^{*+})$	30959	30373	1	37653
30961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega D^+D^-)$	30960	6779	1	37654
30962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to D^{*+}\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{\Delta}^+\Sigma^0D_1^-)$	30961	30374	1	37655
30963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^0K^-D^+\bar{D}^{*0}J/\psi)$	30962	30375	1	37656
30964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^-D^{*+}, \bar{B}^0 \to \pi^0\rho^+K^{*-}D^0$ $(e^+e^- \to \pi^0\rho^+\omega K^0K^{*-}D^-D^{*+}D^0)$	30963	30376	1	37657
30965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	30964	30377	1	37658
30966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^-K^+\eta_c$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-K^+\bar{D}^{*-}\eta_c)$	30965	30378	1	37659
30967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^{*-}D^-D^{*+}a_1^+)$	30966	30379	1	37660
30968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^+D^-D^{*+})$	30967	30380	1	37661
30969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	30968	30381	1	37662
30970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	30969	30382	1	37663
30971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K^0K^*\bar{K}^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_eK^0K^*\bar{K}^*K^-D^-D^{*+})$	30970	30383	1	37664
30972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-D^+D^-D_s^+)$	30971	30384	1	37665
30973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+\rho^+K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega K^{*-}D^-D^{*0})$	30972	30385	1	37666
30974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\bar{K}^0K^{*+}D^+D^-\Delta^+\bar{\Delta}^{++})$	30973	30386	1	37667

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+ D^0 \bar{p}\Lambda$ $(e^+e^- \to \pi^0\pi^+ D^- D^0 D_s^{*+}\bar{p}\Lambda)$	30974	30387	1	37668
30976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e \bar{D}^{*-}, B^0 \to \mu^+\nu_\mu\pi^- \bar{D}^0$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^- \bar{D}^{*-}\bar{D}^0)$	30975	4793	1	37669
30977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 \bar{K}^0 \bar{K}^* K^+ \bar{D}^{*-}, \bar{B}^0 \to K^* K^{*-} D^{*+}$ $(e^+e^- \to \pi^0 K^0 \bar{K}^0 K^* \bar{K}^* K^+ K^{*-} D^{*+} \bar{D}^{*-})$	30976	30388	1	37670
30978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^{*+} K^{*-} D^-, \bar{B}^0 \to \pi^0 K^* K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\omega K^* K^- K^{*+} K^{*-} D^- D^{*+})$	30977	30389	1	37671
30979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^{*0}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega K^{*+} D^- D^{*+} D^{*0})$	30978	30390	1	37672
30980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0 K^* \bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\omega\omega\bar{K}^0 K^* D^+ \bar{D}^{*-})$	30979	30391	1	37673
30981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^- \bar{D}^{*-} D^{*0})$	30980	30392	1	37674
30982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \bar{K}^* D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^* D^- D^{*0} D_s^+)$	30981	30393	1	37675
30983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\bar{K}^0 K^+ D^+ D^-)$	30982	30394	1	37676
30984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^* \bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\bar{K}^* D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- K^* \bar{K}^* D^- \bar{D}^0)$	30983	30395	1	37677
30985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+ \bar{D}^{*-})$	30984	9442	1	37678
30986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1^-, \bar{B}^0 \to K^- D^+ \bar{D}^0$ $(e^+e^- \to \rho^+ K^- D^+ \bar{D}^0 D_1^-)$	30985	30396	1	37679
30987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^- \bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0 D^+ D^- \bar{n}p)$	30986	30397	1	37680
30988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^0 \bar{K}^* D_s^+, \bar{B}^0 \to K^- D^{*+} \bar{D}^{*0}$ $(e^+e^- \to \pi^- K^0 \bar{K}^* K^- D^{*+} \bar{D}^{*0} D_s^+)$	30987	30398	1	37681
30989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^- \bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^{*+} \bar{D}^0 D_s^{*+})$	30988	30399	1	37682
30990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^- n\bar{n}, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \pi^0\pi^0\rho^+ D^- D^{*+} n\bar{n} a_1^-)$	30989	30400	1	37683
30991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 K^0 D^+ \bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\rho^- D^0$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^- K^0 D^+ \bar{D}^{*-} D^0)$	30990	30401	1	37684

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
30992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta' D^{*+}\bar{D}^{*-}a_1^-)$	30991	30402	1	37685
30993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-K^+D_s^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+D^0D_s^-)$	30992	30403	1	37686
30994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\eta K^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\bar{K}^*K^+D^{*0})$	30993	30404	1	37687
30995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^+D^-)$	30994	30405	1	37688
30996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega D^-D_2^{*+})$	30995	30406	1	37689
30997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega\omega D^-\bar{D}^{*-})$	30996	30407	1	37690
30998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^0D^{*0}$ $(e^+e^- \to \pi^0D^-D^{*0}D_{s0}^{*+})$	30997	30408	1	37691
30999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\omega K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^-\omega K^{*-}D^{*+}\bar{D}^{*-})$	30998	30409	1	37692
31000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0n\bar{\Sigma}_c^0, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^0D^+D_s^-n\bar{\Sigma}_c^0)$	30999	30410	1	37693
31001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta K^0, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta K^0\bar{K}^0J/\psi)$	31000	30411	1	37694
31002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu X_u^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-})$	31001	30412	1	37695
31003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\rho^+\rho^+D^-, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-D^-\bar{D}^0)$	31002	30413	1	37696
31004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\omega K^-K^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\omega K^-K^-\bar{D}^{*-}D_s^+)$	31003	30414	1	37697
31005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\eta D^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}D^0)$	31004	30415	1	37698
31006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D^{*+}D_s^{*-}\gamma)$	31005	30416	1	37699
31007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-K^+K^-K^-K^-K^{*+}D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^+K^-K^-K^-K^{*+}D^{*+}D_s^+)$	31006	30417	1	37700
31008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0D_s^{*-}\gamma, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^0\rho^+K^0D_s^{*-}J/\psi\bar{K}_1^0\gamma)$	31007	30418	1	37701

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*0}\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^{++})$	31008	30419	1	37702
31010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\rho^+\omega D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0)$	31009	30420	1	37703
31011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^{*-}D^+D^{*+})$	31010	30421	1	37704
31012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to X_{sd}\gamma, B^0 \to \pi^0\pi^+\eta' D^-$ $(e^+e^- \to \pi^0\pi^+\eta' D^- X_{sd}\gamma)$	31011	30422	1	37705
31013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D_2^{*-}D_1'^+)$	31012	30423	1	37706
31014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	31013	30424	1	37707
31015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^+\bar{p}\Sigma_c^0$ $(e^+e^- \to \rho^+D_2^{*-}D_s^+\bar{p}\Sigma_c^0)$	31014	30425	1	37708
31016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+K^{*+}D^-\bar{D}^{*-}D^{*0})$	31015	30426	1	37709
31017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0D^-D_s^+, B^0 \to K^{*+}D^-D^0$ $(e^+e^- \to \bar{K}^0K^{*+}D^-D^-D^0D_s^+)$	31016	30427	1	37710
31018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega K^-D^+D^{*+}\bar{D}^{*0})$	31017	30428	1	37711
31019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\rho^-D^-D_1^+)$	31018	30429	1	37712
31020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-\bar{n}\Delta^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+K^+K^-D^-D^0D_s^-\bar{n}\Delta^0)$	31019	30430	1	37713
31021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega K^-D_s^+, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^-D^{*+}D_s^+)$	31020	30431	1	37714
31022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^-D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0a_1^+)$	31021	30432	1	37715
31023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^0D_s^+)$	31022	30433	1	37716
31024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^+\omega K^0\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\omega K^0\bar{D}^{*-}\bar{D}^{*-})$	31023	30434	1	37717
31025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^*K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-})$	31024	30435	1	37718

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega\omega D^{*+}D^{*0})$	31025	30436	1	37719
31027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D_s^{*+}D_s^{*-}, \bar{B}^0 \to \omega\bar{K}^0 J/\psi$ $(e^+e^- \to \omega\bar{K}^0K^*D_s^{*+}D_s^{*-}J/\psi)$	31026	30437	1	37720
31028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^+, \bar{B}^0 \to \pi^-D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\omega D^+D^+\Delta^0\bar{\Delta}^0)$	31027	30438	1	37721
31029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+K^0D^-, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^0K^*K^{*-}D^-D^{*+})$	31028	30439	1	37722
31030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^-D^{*+})$	31029	2873	1	37723
31031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \eta K^0K^-D^+$ $(e^+e^- \to \pi^-\eta\eta K^0K^-D^+D^{*+})$	31030	30440	1	37724
31032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta\omega D^{*+}\bar{D}^{*0})$	31031	30441	1	37725
31033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Omega}_c^0, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*D^+\bar{D}^{*-}n\bar{\Omega}_c^0)$	31032	30442	1	37726
31034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^-D^{*+}\bar{D}^0\bar{D}^{*0})$	31033	30443	1	37727
31035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^+\bar{D}^{*-})$	31034	30444	1	37728
31036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^-\bar{n}pD_1'^+)$	31035	30445	1	37729
31037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^0D_s^{*-}n\bar{n})$	31036	30446	1	37730
31038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta\eta D^{*+}\bar{D}^{*-})$	31037	30447	1	37731
31039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\omega\omega D^{*0}, \bar{B}^0 \to \pi^0\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\omega\omega\bar{K}^0\bar{D}^0D^{*0}D^{*0})$	2664	2658	1	37732
31040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^{*-}D^-D^{*+}\bar{D}^{*-})$	31039	30449	1	37733
31041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \eta D^{*+}D_s^{*-}n\bar{\Sigma}_c^{*0})$	31040	30450	1	37734
31042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^+\omega D^+D^-D_{s0}^{*-})$	31041	30451	1	37735

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\bar{D}^{*-}D_0^{*+})$	31042	30452	1	37736
31044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to K^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^-K^+K^-D^-D^{*+}\bar{\Delta}^+\Sigma_c^{++})$	31043	30453	1	37737
31045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \omega K^+K^-D^{*0}$ $(e^+e^- \to \omega\bar{K}^0K^+K^-K^{*+}D^-D^{*0})$	31044	30454	1	37738
31046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^+\bar{D}^{*-})$	31045	30455	1	37739
31047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\rho^+\rho^-\eta K^-D^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^-\eta\bar{K}^0K^-K^-\bar{D}^0D^{*0}D_s^{*+})$	31046	30456	1	37740
31048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	31047	30457	1	37741
31049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\eta\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^*K^+D^+\bar{D}^{*-})$	31048	30458	1	37742
31050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega D^{*+}D^{*+})$	31049	30459	1	37743
31051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+})$	31050	30460	1	37744
31052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\eta_c$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\eta_c)$	31051	30461	1	37745
31053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+D^-n\bar{p}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^+\pi^+\eta D^-n\bar{n}\bar{p}\Sigma_c^0)$	31052	30462	1	37746
31054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-})$	31053	7273	1	37747
31055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^+K^-D^-D^{*0})$	31054	30463	1	37748
31056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^+K^-\psi(3770)$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^-D^-\psi(3770))$	31055	30464	1	37749
31057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^+\pi^-\pi^-K^-D^{*+}\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-K^-D^-D^{*+}\bar{n}p)$	31056	30465	1	37750
31058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+K^0\bar{K}^*D^-, B^0 \to \pi^0\rho^+D^-n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\rho^+K^0\bar{K}^*D^-D^-n\bar{n})$	31057	30466	1	37751
31059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^-\omega\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}\bar{D}^{*-})$	31058	30467	1	37752

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^- n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \bar{D}^{*-}\bar{\Delta}^- n D_1^+)$	31059	30468	1	37753
31061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\eta'\bar{D}^{*0}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\eta' D^+\bar{D}^{*0}D_s^{*-})$	31060	30469	1	37754
31062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to \pi^+D^+\Delta^0\bar{\Sigma}_c^- D_{s1}'^-)$	31061	30470	1	37755
31063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega\omega K^*D^+D^+\bar{D}^{*-})$	31062	30471	1	37756
31064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^-\bar{D}^0D_s^{*+}J/\psi\bar{K}_1^0)$	31063	30472	1	37757
31065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^{*0}a_1^-\gamma)$	31064	30473	1	37758
31066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^+K^-D^-D^{*+}D_s^{*-})$	31065	30474	1	37759
31067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+D^-D^{*+}D^{*0})$	31066	30475	1	37760
31068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\Delta^+\bar{\Lambda}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to D^-D^{*+}\Delta^+\bar{\Lambda}D_{s1}'^-)$	31067	30476	1	37761
31069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	31068	23185	1	37762
31070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta D^+D^{*+})$	31069	30477	1	37763
31071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+D^-, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^-K^0K^{*+}K^{*-}D^+D^-D^{*+})$	31070	30478	1	37764
31072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \rho^+D^+D_s^-n\bar{\Sigma}_c^-)$	31071	30479	1	37765
31073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+\pi^-\rho^-D^+D^{*+})$	31072	30480	1	37766
31074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0D^-\bar{\Sigma}^+\Lambda, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0D^-D^{*+}D_s^-\bar{\Sigma}^+\Lambda)$	31073	30481	1	37767
31075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0\pi^-\bar{D}^{*0}D_1^+)$	31074	30482	1	37768
31076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0})$	31075	30483	1	37769

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to \omega\bar{K}^0\bar{D}^0D^{*0}$ $(e^+e^- \to \omega K^0\bar{K}^0\bar{D}^0D^{*0}\Delta^0\bar{\Sigma}_c^0)$	31076	30484	1	37770
31078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	31077	30485	1	37771
31079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^-p\bar{\Sigma}^0, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D_s^-p\bar{\Sigma}^0D_1^+)$	31078	30486	1	37772
31080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\omega\omega\bar{D}^{*-}\bar{D}^{*-})$	31079	30487	1	37773
31081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta D^-, B^0 \to \rho^0\eta K^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\eta\eta K^{*+}D^-D_s^{*-})$	31080	30488	1	37774
31082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \eta\omega\omega$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\omega D^-)$	31081	30489	1	37775
31083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	31082	23241	1	37776
31084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	31083	30490	1	37777
31085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega D^-D^{*+}n\bar{p})$	31084	30491	1	37778
31086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0D^+D_s^-J/\psi)$	31085	30492	1	37779
31087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+\bar{D}^{*-}D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\omega D^-\bar{D}^{*-}D^0)$	31086	30493	1	37780
31088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*D^-p\bar{p}, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^+K^*\bar{K}^*D^-D^-D^{*+}p\bar{p})$	31087	30494	1	37781
31089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta D^-D^{*+})$	31088	1358	1	37782
31090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta'D^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta'\bar{D}^{*-}D^0)$	31089	30495	1	37783
31091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*\eta_c, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \bar{K}^*D^{*+}\eta_cD_{s1}'^-)$	31090	30496	1	37784
31092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^+K^-D^-, \bar{B}^0 \to \rho^-K^+K^-\phi D^+$ $(e^+e^- \to \pi^+\rho^-\eta K^+K^+K^-K^-\phi D^+D^-)$	31091	30497	1	37785
31093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{K}^0K^*K^+\phi D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \bar{K}^0\bar{K}^0\bar{K}^0K^*K^+\phi D^-\bar{\Delta}^+\Sigma_c^{*+})$	31092	30498	1	37786

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \rho^0\pi^-\rho^+\bar{K}^0D^0$ $(e^+e^- \to \rho^0\pi^-\rho^+\bar{K}^0D^-D^0D_s^+)$	31093	30499	1	37787
31095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p})$	31094	30500	1	37788
31096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta D^-, B^0 \to \rho^0\rho^0\pi^+\rho^-K^+\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\rho^-\eta K^+D^-\bar{D}^{*-})$	31095	30501	1	37789
31097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-D^{*+}\bar{D}^0D_s^{*-})$	31096	30502	1	37790
31098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^{*-}D^+\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-K^{*-}D^+\bar{D}^0D_0^{*+})$	31097	30503	1	37791
31099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-K^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^{*+}D^+D_s^{*-})$	31098	30504	1	37792
31100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to e^+\nu_eK_SD^-\psi')$	31099	26915	1	37793
31101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+K^-D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^+K^*K^-D^+D^-\bar{D}^{*-}D^{*0})$	31100	30505	1	37794
31102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to J/\psi\bar{n}\Lambda$ $(e^+e^- \to \mu^+\nu_\mu J/\psi\bar{n}\Lambda D_1^-)$	31101	30506	1	37795
31103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to K^*D^+\bar{p}\Lambda$ $(e^+e^- \to \pi^-K^*K^+D^+D^-D^{*+}\bar{p}\Lambda)$	31102	30507	1	37796
31104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \eta D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}n\bar{p})$	31103	30508	1	37797
31105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\pi^-\omega K^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0K^*D^{*+}\bar{D}^{*-})$	31104	30509	1	37798
31106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^+K^0D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-K^0D^-\bar{D}^{*-}D^0)$	31105	30510	1	37799
31107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD_0^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_0^{*-})$	31106	30511	1	37800
31108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}D_{s1}'^+)$	31107	30512	1	37801
31109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	31108	30513	1	37802
31110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^+D_0^{*-})$	31109	30514	1	37803

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\bar{K}^0\psi(3770), \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^0D^+\psi(3770))$	31110	30515	1	37804
31112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	31111	30516	1	37805
31113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-D^+D^{*0}n\bar{\Delta}^0)$	31112	30517	1	37806
31114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-p\bar{p}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-p\bar{p})$	31113	30518	1	37807
31115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to K_LJ/\psi$ $(e^+e^- \to K_LK^0J/\psi J/\psi)$	31114	30519	1	37808
31116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-})$	31115	28966	1	37809
31117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\omega D^{*0}, \bar{B}^0 \to D^0\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\omega D^0D^{*0}\bar{n}\Delta^0)$	31116	30520	1	37810
31118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+D^-)$	31117	30521	1	37811
31119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+K^0K^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^-D^-D_s^{*+})$	31118	30522	1	37812
31120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0D^-D^{*+}D_s^{*+})$	31119	30523	1	37813
31121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+D_1^-)$	31120	30524	1	37814
31122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}J/\psi)$	31121	30525	1	37815
31123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-K^{*-}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}D^+D^-)$	31122	30526	1	37816
31124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \omega\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to \omega K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Xi_c^{*+})$	31123	30527	1	37817
31125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \rho^0\pi^+\omega K^0\bar{K}^0\bar{K}^*D^-\bar{\Delta}^+\Sigma_c^+)$	31124	30528	1	37818
31126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+K^-D^+D^-D^-)$	31125	30529	1	37819
31127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^{*0})$	31126	30530	1	37820

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^+D^+\bar{D}^{*-}D^0)$	31127	30531	1	37821
31129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta D^{*+}\bar{D}^{*-})$	31128	30532	1	37822
31130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^+K^{*-}D^+\bar{D}^{*-}D_s^{*-})$	31129	30533	1	37823
31131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	31130	30534	1	37824
31132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\eta D^0D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+D^0D_s^{*-})$	31131	30535	1	37825
31133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+, \bar{B}^0 \to \bar{K}^0K^*K^*K^-D^{*+}$ $(e^+e^- \to \pi^-\eta\bar{K}^0K^*K^*K^-D^+D^{*+})$	31132	30536	1	37826
31134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \rho^-D^{*+}\bar{\Lambda}\Sigma^0$ $(e^+e^- \to \rho^0\rho^+\rho^-\eta D^-D^{*+}\bar{\Lambda}\Sigma^0)$	31133	30537	1	37827
31135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\omega D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0D_s^-)$	31134	30538	1	37828
31136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0D^-D^{*+}\bar{n}pa_1^-)$	31135	30539	1	37829
31137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+K^0\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0D^0\bar{D}^0D_s^-)$	31136	30540	1	37830
31138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\omega D^-\bar{n}p$ $(e^+e^- \to \pi^0\rho^+\omega\omega D^-\bar{D}^{*-}\bar{n}p)$	31137	30541	1	37831
31139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to \omega K^0\bar{K}^0K^+K^-D^+D^-)$	31138	30542	1	37832
31140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+J/\psi, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^+J/\psi)$	31139	30543	1	37833
31141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta D^+D^+a_1^-)$	31140	30544	1	37834
31142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\eta D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta D^+D^-D^-)$	31141	30545	1	37835
31143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0D^-D^0)$	31142	30546	1	37836
31144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\eta D^+\bar{D}^{*-})$	31143	30547	1	37837

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\eta D^+D^-)$	31144	16202	1	37838
31146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\bar{K}^0 D^+D^-\bar{D}^{*-})$	31145	30548	1	37839
31147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\Sigma^0\bar{\Xi}_c^-, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^+\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^-)$	31146	30549	1	37840
31148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+\rho^-\bar{K}^0K^-D_s^+$ $(e^+e^- \to e^+\nu_e\rho^+\rho^-\bar{K}^0K^-\bar{D}^{*-}D_s^+)$	31147	30550	1	37841
31149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\omega D^-, B^0 \to \pi^0\rho^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\omega\omega D^-D^-)$	31148	30551	1	37842
31150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0K^*K^-D^-D^{*+}D_{s1}'^+)$	31149	30552	1	37843
31151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^*D_s^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*\bar{D}^{*-}D_s^+)$	31150	30553	1	37844
31152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \mu^+\nu_\mu\rho^+K^-J/\psi D_1^-)$	31151	30554	1	37845
31153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0)$	31152	30555	1	37846
31154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to e^-\bar{\nu}_eX_u^+D^0n\bar{\Delta}^0)$	31153	30556	1	37847
31155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \omega\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0D^-D^{*+}D^{*0})$	31154	30557	1	37848
31156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+})$	31155	30558	1	37849
31157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_eK^*K^{*-}D^{*+}\bar{D}^{*-})$	31156	30559	1	37850
31158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+K^+K^-\phi D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+K^+K^-\phi D^+D_0^{*+})$	31157	30560	1	37851
31159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to e^+\nu_eD^-J/\psi\bar{K}_1^0)$	31158	30561	1	37852
31160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0K^+K^-D^-, \bar{B}^0 \to D^0n\bar{n}$ $(e^+e^- \to \pi^+K^0K^+K^-D^-D^0n\bar{n})$	31159	30562	1	37853
31161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^*K^-D^{*+}\bar{D}^0D^{*0})$	31160	30563	1	37854

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^{*+} D_s^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0 K^{*+} D^{*+} D_s^- D_s^{*-})$	31161	30564	1	37855
31163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\eta\omega$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega D^{*+} D_s^{*-})$	31162	30565	1	37856
31164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega D^- D^{*+})$	31163	30566	1	37857
31165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^* D^+ D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\bar{K}^* D^+ D^- \bar{D}^{*-})$	31164	30567	1	37858
31166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\bar{\Sigma}^{*0}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^-\bar{\Sigma}^{*0}\Xi_c'^+)$	31165	30568	1	37859
31167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+\eta\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^0)$	31166	30569	1	37860
31168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D_s^{*+} D_1'^-, B^0 \to \bar{D}^0 n\bar{n}$ $(e^+e^- \to \bar{D}^0 D_s^{*+} n\bar{n} D_1'^-)$	31167	30570	1	37861
31169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^+ D_1^+)$	31168	30571	1	37862
31170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- D^+ D^-)$	31169	15215	1	37863
31171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^- D^+$ $(e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-})$	31170	30572	1	37864
31172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^- D^+\bar{D}^{*0})$	31171	30573	1	37865
31173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta D^+\bar{D}^{*-})$	31172	30574	1	37866
31174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\rho^0\bar{\Delta}^0\Sigma_c^0 D_1^-)$	31173	30575	1	37867
31175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\Sigma^0\bar{\Xi}_c^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}$ $(e^+e^- \to \pi^0 K^{*+}\bar{D}^{*-} D^{*0}\Sigma^0\bar{\Xi}_c^0)$	31174	30576	1	37868
31176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \rho^0 D^+ n\bar{p}$ $(e^+e^- \to \rho^0 D^+ D^- D_s^{*+} n\bar{p})$	31175	30577	1	37869
31177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta D^- D^{*+})$	31176	1892	1	37870
31178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+ K^- D^- D^0)$	31177	30578	1	37871

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\eta' D^- D^{*+})$	31178	30579	1	37872
31180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\eta D^+ D^-)$	31179	30580	1	37873
31181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+K^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^0\bar{D}^{*-}\bar{D}^0)$	31180	30581	1	37874
31182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\omega\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\omega\omega D^- D^{*+})$	31181	30582	1	37875
31183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^*D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-K^*D^{*+}D^0)$	31182	30583	1	37876
31184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\eta K^0D^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^0K^{*-}D^{*+}D^0\bar{D}^0)$	31183	30584	1	37877
31185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D_1^+ D_1'^-)$	31184	30585	1	37878
31186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-K^-K^{*+}D^+, \bar{B}^0 \to \rho^0\rho^0\bar{K}^0K^-D_s^+$ $(e^+e^- \to \rho^0\rho^0\rho^-\bar{K}^0K^-K^-K^{*+}D^+D_s^+)$	31185	30586	1	37879
31187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^- D^{*+})$	31186	30587	1	37880
31188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^- D^{*+})$	31187	30588	1	37881
31189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\eta\eta$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\eta\eta\bar{D}^{*-})$	31188	30589	1	37882
31190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta'\bar{D}^0, \bar{B}^0 \to \omega K^*K^-\phi D^+$ $(e^+e^- \to \omega K^0K^*K^-\eta'\phi D^+\bar{D}^0)$	31189	30590	1	37883
31191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to e^+\nu_e\pi^+D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	31190	30591	1	37884
31192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^0p\bar{p})$	31191	30592	1	37885
31193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \rho^0\pi^+\omega\bar{K}^0K^-K^{*+}\bar{D}^{*-}\eta_c)$	31192	30593	1	37886
31194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+\psi(3770), \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-K^+D^{*0}n\bar{\Delta}^0\psi(3770))$	31193	30594	1	37887
31195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^0D^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0D^-\bar{D}^{*-})$	31194	30595	1	37888

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0D^0\bar{D}^0, B^0 \to \pi^0\rho^0K^0\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0K^0K^0\bar{K}^0K^+D^-D^0\bar{D}^0)$	31195	30596	1	37889
31197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*J/\psi, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0K^*K^{*+}\bar{D}^{*-}D^{*0}J/\psi)$	31196	30597	1	37890
31198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\bar{K}^*D^{*+}\bar{D}^{*-}p\bar{\Sigma}_c^{--})$	31197	30598	1	37891
31199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+n\bar{\Lambda}_c^-)$	31198	30599	1	37892
31200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \mu^+\nu_\mu D^-D^0n\bar{\Delta}^0)$	31199	30600	1	37893
31201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0K^*K^{*+}K^{*-}D^+D^-D^0)$	31200	30601	1	37894
31202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^-K^{*+}D^+\bar{D}^{*-})$	31201	30602	1	37895
31203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta'D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\eta'D^{*+}\bar{D}^{*-})$	31202	24732	1	37896
31204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\omega K^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\omega K^+K^-D^-D^{*0})$	31203	30603	1	37897
31205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-})$	31204	30604	1	37898
31206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+)$	31205	30605	1	37899
31207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^+D^0\bar{D}^{*0})$	31206	30606	1	37900
31208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\bar{K}^0D^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-D^-D^{*0}D_s^+)$	31207	30607	1	37901
31209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^*K^+K^-D^+D^-\bar{D}^{*0})$	31208	30608	1	37902
31210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*D^{*+}\bar{D}^{*-}D^0)$	31209	24069	1	37903
31211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-K^0D^{*+}\eta_c)$	31210	30609	1	37904
31212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D_s^+D_1^+)$	31211	30610	1	37905

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\omega K^- D^+ D^-)$	31212	30611	1	37906
31214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to \pi^+\pi^- D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^- D^{*+} D_s^+ \Delta^-\bar{n})$	31213	30612	1	37907
31215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+ D^-, \bar{B}^0 \to \rho^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^- D^- D^{*+})$	31214	30613	1	37908
31216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^- K^+ K^{*-} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^- K^+ K^{*-} D^+ \bar{D}^{*-})$	31215	30614	1	37909
31217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\rho^- D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^- K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^- K^0 K^- D^+ D^0\bar{D}^0)$	31216	30615	1	37910
31218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+ K^- D^-, \bar{B}^0 \to D^{*+}\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \pi^+\omega K^+ K^- D^- D^{*+}\bar{\Delta}^+\Sigma^0)$	31217	30616	1	37911
31219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_{s0}^{*-}, \bar{B}^0 \to \omega D^{*+} D_s^{*-}$ $(e^+e^- \to \omega D^{*+} D^{*+} D_s^{*-} D_{s0}^{*-})$	31218	30617	1	37912
31220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^0\bar{K}^* D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \rho^+ K^0\bar{K}^* D^- D^{*+} D_s^{*-})$	31219	30618	1	37913
31221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^*\bar{D}^{*-} D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^* D^{*+}\bar{D}^{*-} D^{*0})$	31220	30619	1	37914
31222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-} D_2^{*+})$	31221	30620	1	37915
31223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^- D^{*+}\bar{D}^0\bar{D}^{*0})$	31222	30621	1	37916
31224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^- D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta D^0 n\bar{\Sigma}_c^0)$	31223	30622	1	37917
31225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^+\eta K^0 K^- D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta K^0 K^-\bar{D}^{*-} D^0)$	31224	30623	1	37918
31226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^- K^0 K^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^- K^0 K^- D^{*+} D_0^{*-})$	31225	30624	1	37919
31227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\pi^+ D^-, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^+\bar{K}^0 D^-\bar{\Delta}^0\Sigma_c^0)$	31226	30625	1	37920
31228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\eta\omega D^{*+}\bar{D}^{*-})$	31227	30626	1	37921
31229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^- D^+ D_2^{*-})$	31228	30627	1	37922

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e D^- D^{*+} a_1^+\gamma)$	31229	30628	1	37923
31231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0 K^{*+} D^- D^{*+})$	31230	30629	1	37924
31232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta D^+ D^-)$	31231	18725	1	37925
31233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^- D^{*0}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^{*+}\bar{D}^{*-} D^{*0} D^{*0}\Delta^-\bar{\Delta}^0)$	31232	30630	1	37926
31234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+ D^-, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+ K^0 K^- D^- D^{*+})$	31233	30631	1	37927
31235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-\rho^- K^+ K^- D^+\bar{D}^{*-})$	31234	30632	1	37928
31236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}\bar{n}p)$	31235	30633	1	37929
31237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* K^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^* K^- D^+\bar{D}^{*-})$	31236	30634	1	37930
31238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^0 K^* D^-, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^+\pi^+\bar{K}^0 K^* D^- D^0 D_s^-)$	31237	30635	1	37931
31239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^{*+} D^- D^{*+} D^0)$	31238	30636	1	37932
31240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+ K^{*-} D_s^+ D_s^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+ K^{*-} D^- D_s^+ D_s^{*-})$	31239	30637	1	37933
31241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	31240	30638	1	37934
31242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^- D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^- D^{*+} D^{*+}\bar{D}^{*-})$	31241	30639	1	37935
31243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ D^-\Delta^+\bar{\Delta}^+, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0\pi^+ D^- D^{*+}\Delta^+\bar{\Delta}^+ D_{s1}'^-)$	31242	30640	1	37936
31244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta\eta\eta D^+\bar{D}^{*-})$	31243	30641	1	37937
31245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^-, \bar{B}^0 \to \rho^- K^0\bar{K}^* D^{*+}$ $(e^+e^- \to \rho^- K^0\bar{K}^* D^+ D^{*+} D_s^-)$	31244	30642	1	37938
31246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+ D^{*+} D_2^{*-})$	31245	30643	1	37939

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^*D^+\psi')$	31246	30644	1	37940
31248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^+D^-)$	31247	30645	1	37941
31249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \rho^-D_1^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^-D_1^+)$	31248	30646	1	37942
31250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{D}^{*-}D^0)$	31249	30647	1	37943
31251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \bar{K}^*K^-D_s^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^*K^-D^-D_s^{*+})$	31250	30648	1	37944
31252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^*D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_eK^*\bar{D}^{*-}D^0\bar{D}^0)$	31251	30649	1	37945
31253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\omega\bar{K}^*K^+K^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\bar{K}^*K^+K^-D^-D_{s1}'^+)$	31252	30650	1	37946
31254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-D^{*+}D_s^{*-}\bar{n}\Sigma_c^+)$	31253	30651	1	37947
31255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^{*+}K^{*-}D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^-K^{*+}K^{*-}D^{*+}D^{*+})$	31254	30652	1	37948
31256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-D^{*0}, \bar{B}^0 \to \eta K^-D^+\bar{D}^0$ $(e^+e^- \to \eta\omega K^+K^-D^+D^-\bar{D}^0D^{*0})$	31255	30653	1	37949
31257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta K^+K^{*-}D^{*+}\bar{D}^{*-})$	31256	30654	1	37950
31258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0K^+K^{*-}\bar{D}^{*-}D^0)$	31257	30655	1	37951
31259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^{*+}J/\psi, \bar{B}^0 \to \pi^+K^-K^{*+}K^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}K^{*+}K^{*-}J/\psi)$	31258	30656	1	37952
31260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \omega\bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-})$	31259	30657	1	37953
31261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\eta\eta, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\eta D^{*+})$	31260	30658	1	37954
31262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}\bar{p}\Delta^+)$	31261	30659	1	37955
31263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0D^-D_2^{*+}D_s^-)$	31262	30660	1	37956

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_2^{*-}, B^0 \to \eta\bar{K}^0D^-D_s^+$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0D^-D_2^{*-}D_s^+)$	31263	30661	1	37957
31265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}D^0\bar{D}^0\bar{D}^{*0})$	31264	30662	1	37958
31266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\bar{D}^{*-}D_1'^+)$	31265	30663	1	37959
31267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\pi^-\rho^+K^+\bar{D}^0, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^+\bar{D}^0J/\psi\bar{K}_1^0)$	31266	30664	1	37960
31268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^0D^+D^{*0}\bar{D}^{*0})$	31267	30665	1	37961
31269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0)$	31268	30666	1	37962
31270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta K^+D^+D^-D^0)$	31269	30667	1	37963
31271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}n\bar{p})$	31270	30668	1	37964
31272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta D^-\bar{n}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^-D^{*+}\bar{n}\Delta^{++})$	31271	30669	1	37965
31273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}\gamma)$	31272	30670	1	37966
31274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta\omega D^{*+}p\bar{\Sigma}_c^-)$	31273	30671	1	37967
31275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\bar{K}^0D^-)$	31274	30672	1	37968
31276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to D^-D^{*+}D_s^{*+}\Delta^+\bar{\Delta}^{++})$	31275	30673	1	37969
31277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\eta\eta, \bar{B}^0 \to \rho^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\eta\eta\bar{K}^0D^+\bar{D}^{*-})$	31276	30674	1	37970
31278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-K^+\bar{D}^{*-}, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^+\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^+)$	31277	30675	1	37971
31279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\omega\omega\bar{D}^{*-}D^{*0})$	31278	30676	1	37972
31280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\rho^-K^0D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\rho^-K^0D^{*+}D_2^{*+})$	31279	30677	1	37973

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to K^0K^-K^{*-}D^+D^{*+}\bar{D}^0)$	31280	30678	1	37974
31282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \omega K^*J/\psi, B^0 \to \pi^0\rho^+\omega K^0\bar{K}^*D^-$ $(e^+e^- \to \pi^0\rho^+\omega\omega K^0K^*\bar{K}^*D^-J/\psi)$	31281	30679	1	37975
31283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^{*0})$	31282	30680	1	37976
31284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^-)$	31283	30681	1	37977
31285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^+\pi^-D^-D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D_2^{*-}D_s^{*+})$	31284	30682	1	37978
31286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-})$	31285	30683	1	37979
31287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{++}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-D^+D_s^{*-}\bar{p}\Sigma_c^{++})$	31286	30684	1	37980
31288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^{*+}\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to \rho^0\pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\rho^-\omega D^{*+}D^{*+}\Delta^+\bar{\Delta}^{++})$	31287	30685	1	37981
31289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-D_s^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^-D^{*0}D_s^{*+})$	31288	30686	1	37982
31290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+K_1^0\psi')$	31289	30687	1	37983
31291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+D^-)$	31290	11220	1	37984
31292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-K^*D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^*D^-D^{*+})$	31291	30688	1	37985
31293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^+D^+D_s^-)$	31292	30689	1	37986
31294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^-K^*K^-D^+\bar{\Delta}^+\Sigma_c^{++})$	31293	30690	1	37987
31295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0D_s^{*-}, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*-}D_s^{*-})$	31294	30691	1	37988
31296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0p\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^+\pi^-K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*K^{*-}D^{*+}D^0p\bar{\Delta}^+)$	31295	30692	1	37989
31297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-}n\bar{n})$	31296	30693	1	37990

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \eta K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^*K^-D^+\bar{D}^{*-})$	31297	30694	1	37991
31299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	31298	30695	1	37992
31300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+D^-D^{*+}D_s^{*-})$	31299	30696	1	37993
31301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to \pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-\omega D^-D^-)$	31300	30697	1	37994
31302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^+K^-J/\psi$ $(e^+e^- \to \rho^+\rho^+\omega K^-D^-J/\psi)$	31301	30698	1	37995
31303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^{+}, \bar{B}^0 \to \rho^0\pi^-\eta\eta'D^+$ $(e^+e^- \to \rho^0\pi^-\eta\eta'D^+\bar{D}^{*-}D_{s1}'^{+})$	31302	30699	1	37996
31304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^*D^+D^-\bar{D}^{*-})$	31303	30700	1	37997
31305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	31304	30701	1	37998
31306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\omega K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	31305	30702	1	37999
31307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\eta_c, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^-K^{*+}D^+\bar{D}^{*0}\eta_c)$	31306	30703	1	38000
31308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \rho^+\eta\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^0)$	31307	30704	1	38001
31309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega K^-K^{*+}\bar{D}^{*-}D_0^{*+})$	31308	30705	1	38002
31310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}D^{*+}D_s^-)$	31309	30706	1	38003
31311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \pi^+\pi^-\rho^-K^+K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\rho^-K^+K^{*-}D^+D^{*+})$	31310	30707	1	38004
31312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^-D^+D^-D_s^{*+}n\bar{p})$	31311	30708	1	38005
31313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\omega K^0K^-D^+$ $(e^+e^- \to \pi^0\omega K^0K^-D^+D^{*+}D_s^-)$	31312	30709	1	38006
31314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^{*+})$	31313	30710	1	38007

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-K^+D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^-K^+D^{*+}D^{*+}\bar{D}^{*0})$	31314	30711	1	38008
31316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega\omega D^+\bar{D}^{*0})$	31315	30712	1	38009
31317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*-}\bar{\Delta}^-p, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-p)$	31316	30713	1	38010
31318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^{*0}\bar{D}^{*0}D_s^{*+})$	31317	1858	1	38011
31319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^-D_s^+\bar{n}p)$	31318	30714	1	38012
31320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\eta D^-D^{*+}D_s^{*-})$	31319	30715	1	38013
31321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-\bar{p}\Sigma^{*+}, \bar{B}^0 \to \eta K^-D^+\bar{D}^0$ $(e^+e^- \to \eta K^-K^{*+}D^+D^-\bar{D}^0\bar{p}\Sigma^{*+})$	31320	30716	1	38014
31322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\omega\omega D^+\bar{D}^{*-})$	31321	30717	1	38015
31323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\omega D^+\bar{D}^0)$	31322	30718	1	38016
31324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1^-, \bar{B}^0 \to \rho^+\bar{K}^0D^-$ $(e^+e^- \to \rho^+\bar{K}^0D^-D_s^+D_1^-)$	31323	30719	1	38017
31325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-})$	31324	30720	1	38018
31326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\eta K^{*-}D^+$ $(e^+e^- \to \pi^-\rho^+\eta\bar{K}^*K^{*-}D^+D^{*+}\bar{D}^{*-})$	31325	30721	1	38019
31327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-})$	31326	30722	1	38020
31328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-K^0K^+K^-\bar{D}^0, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0K^+K^-D^+\bar{D}^0D_s^-)$	31327	30723	1	38021
31329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^-\omega\omega D^+\bar{D}^0)$	31328	30724	1	38022
31330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^0\pi^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega D^-n\bar{p})$	31329	30725	1	38023
31331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\rho^-D^+\bar{D}^{*-}D_s^{*+})$	31330	30726	1	38024

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^+\omega\omega\bar{D}^{*-}\bar{p}\Lambda_c^+)$	31331	30727	1	38025
31333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^+D^-)$	31332	30728	1	38026
31334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\omega\omega D^+D^{*+})$	31333	30729	1	38027
31335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0)$	31334	30730	1	38028
31336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\pi^0\eta D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	31335	30731	1	38029
31337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^+D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0D^+D^-\bar{D}^{*-})$	31336	30732	1	38030
31338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to K^0D^+D^-$ $(e^+e^- \to K^0K^*D^+D^-J/\psi)$	31337	3329	1	38031
31339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^{*+}a_1^-\gamma$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}a_1^-\gamma)$	31338	30733	1	38032
31340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^+D^+D^-D_s^{*-})$	31339	12968	1	38033
31341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0K^-D^-D^{*+}\bar{D}^0D_s^+)$	31340	30734	1	38034
31342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	31341	30735	1	38035
31343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-K^0D^+D_s^-\Delta^+\bar{\Sigma}_c^-)$	31342	30736	1	38036
31344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \rho^0\rho^-D^{*+}\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*-}\gamma)$	31343	30737	1	38037
31345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{\Delta}^+, B^0 \to \pi^+\rho^-\eta\bar{K}^0K^+D^-$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta\bar{K}^0K^+D^-\bar{D}^{*-}p\bar{\Delta}^+)$	31344	30738	1	38038
31346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^-\pi^-\eta\omega K^{*+}D^+J/\psi)$	31345	30739	1	38039
31347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}, \bar{B}^0 \to \pi^-\bar{K}^0K^*K^-K^{*+}D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\bar{K}^0K^*K^-K^{*+}D^+D^{*0})$	31346	30740	1	38040
31348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*\bar{D}^0, \bar{B}^0 \to \bar{K}^*D_s^+D_s^{*-}$ $(e^+e^- \to \pi^0K^*\bar{K}^*\bar{D}^0D_s^+D_s^{*-})$	31347	30741	1	38041

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{n}\Delta^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^-\bar{n}\Delta^+)$	31348	30742	1	38042
31350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-K^0K^{*-}D^-D^{*+})$	31349	30743	1	38043
31351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_1^0\psi', \bar{B}^0 \to \bar{K}^*\chi_{c1}$ $(e^+e^- \to \bar{K}^*K_1^0\chi_{c1}\psi')$	31350	30744	1	38044
31352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^-D_2^{*+})$	31351	30745	1	38045
31353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-})$	31352	2464	1	38046
31354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \bar{K}^*K^+\bar{D}^{*-}D_2^{*+}D_s^-)$	31353	30746	1	38047
31355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\omega K^*K^-K^-D_s^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\omega K^*K^-K^-\bar{D}^{*-}D_s^+)$	31354	30747	1	38048
31356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	31355	30748	1	38049
31357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^0\bar{D}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-K^0D^-\bar{D}^0)$	31356	30749	1	38050
31358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*0}D_s^{*-})$	31357	30750	1	38051
31359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\eta\omega D^+\bar{D}^{*-})$	31358	30751	1	38052
31360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\eta D^+D^-)$	31359	30752	1	38053
31361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^+K^-D^+\bar{D}^{*-}D_s^{*-})$	31360	30753	1	38054
31362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+\omega D^{*+}D^{*+})$	31361	30754	1	38055
31363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\bar{K}^0K^+D^-D^{*+})$	31362	30755	1	38056
31364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^+K^{*+}D^+\bar{D}^{*-}D^0)$	31363	30756	1	38057
31365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \rho^+K^-D^0\bar{D}^0$ $(e^+e^- \to \rho^+K^*K^-D^+D^-D^0\bar{D}^0)$	31364	30757	1	38058

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^+K^-D^{*+}\bar{D}^{*-}D^0)$	31365	30758	1	38059
31367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0K^*D_s^-, \bar{B}^0 \to \rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \rho^+\rho^-K^0K^*K^-K^{*+}D^{*+}D_s^-)$	31366	30759	1	38060
31368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to K^+p\bar{\Sigma}_c^{*--}$ $(e^+e^- \to K^+K^+\bar{D}^{*-}D^{*0}p\bar{\Sigma}_c^{*--})$	31367	30760	1	38061
31369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^0)$	31368	30761	1	38062
31370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega D^-, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \pi^+\eta\omega K^*K^{*-}D^+D^-)$	31369	30762	1	38063
31371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+D^-D^{*+})$	31370	25757	1	38064
31372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \omega K^*K^-D^+$ $(e^+e^- \to \rho^+\omega\omega K^*K^-D^+D^-)$	31371	30763	1	38065
31373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-})$	31372	30764	1	38066
31374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^-\omega K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^-\omega K^+K^{*-}D^+\Delta^0\bar{\Sigma}_c^{*0})$	31373	30765	1	38067
31375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to K^*K^-D^+D^-D_s^+)$	31374	30766	1	38068
31376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to D^-D^{*+}\Delta^-\bar{\Delta}^0D_{s1}^+)$	31375	30767	1	38069
31377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*K^{*+}D^-D^{*+})$	31376	30768	1	38070
31378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-D_2^{*+}D_s^-)$	31377	30769	1	38071
31379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0D_s^-)$	31378	30770	1	38072
31380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0p\bar{\Lambda}_c^-, B^0 \to \pi^-K^*D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^*D^+\bar{D}^{*0}p\bar{\Lambda}_c^-)$	31379	30771	1	38073
31381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to e^+\nu_e\rho^-\omega\omega D^+\bar{D}^{*-})$	31380	30772	1	38074
31382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega D^+D^-D_s^-)$	31381	30773	1	38075

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0 J/\psi, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^0\bar{K}^0 D^{*+} J/\psi a_1^-)$	31382	30774	1	38076
31384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^{*0}, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to K^0 D^+ D^0 \bar{D}^{*0} D_{s1}'^-)$	31383	30775	1	38077
31385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0 D^0$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0\bar{D}^{*-}D^0)$	31384	30776	1	38078
31386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^-\eta\bar{K}^* D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\eta\bar{K}^* D_s^{*+} D_0^{*-})$	31385	30777	1	38079
31387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\eta K^- D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^0\eta K^- D^{*+}\bar{D}^0 D_1^-)$	31386	30778	1	38080
31388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}D^{*+})$	31387	30779	1	38081
31389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\omega\bar{D}^{*-}, B^0 \to \pi^0\eta K^0\bar{D}^0 D^{*0}$ $(e^+e^- \to \pi^0\pi^+\eta\omega K^0\bar{D}^{*-}\bar{D}^0 D^{*0})$	31388	30780	1	38082
31390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0 K^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^0 K^+ D^+ D^-)$	31389	30781	1	38083
31391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^-\pi^- K^+ D^{*+}\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-\pi^- K^+ D^- D^{*+}\bar{D}^0)$	31390	30782	1	38084
31392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega D^- D_1^+)$	31391	30783	1	38085
31393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_{s1}^+, B^0 \to e^+\nu_e D_1^-$ $(e^+e^- \to e^+\nu_e\bar{D}^{*-} D_1^- D_{s1}^+)$	31392	30784	1	38086
31394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^*\eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^*\eta' D^- D^{*0})$	31393	30785	1	38087
31395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Sigma^{*0}\bar{\Xi}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0 D^+\Sigma^{*0}\bar{\Xi}_c^0)$	31394	30786	1	38088
31396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^-\omega\omega K^+ D^{*+}, \bar{B}^0 \to K^0 K^{*-} D^+$ $(e^+e^- \to \pi^-\rho^-\omega\omega K^0 K^+ K^{*-} D^+ D^{*+})$	31395	30787	1	38089
31397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-})$	31396	30788	1	38090
31398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0 D_s^+$ $(e^+e^- \to \pi^-\bar{K}^0\bar{K}^0 K^+\bar{D}^{*-} D_s^+)$	31397	30789	1	38091
31399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to K^* K^- D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^* K^- D^+ D^{*+})$	31398	30790	1	38092

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0 K^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0 K^0 K^- D^{*+} D^{*0}\bar{D}^{*0})$	31399	30791	1	38093
31401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ p\bar{\Sigma}_c^{*--}, \bar{B}^0 \to D^{*+}\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+ D^{*+} p\Delta^+\bar{\Delta}^{++}\bar{\Sigma}_c^{*--})$	31400	30792	1	38094
31402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^- D^{*+} D_s^{*+})$	31401	30793	1	38095
31403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^- K^+ K^- D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^- K^+ K^- D^- D^0 D_s^+)$	31402	30794	1	38096
31404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 K^0\psi', \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 K^0 D_1^+\psi')$	31403	30795	1	38097
31405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0 K^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^+\rho^-\omega\omega K^0 K^- D^+\bar{D}^{*0})$	31404	30796	1	38098
31406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\bar{K}^0 K^+\bar{D}^{*-})$	31405	30797	1	38099
31407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+ p\bar{\Sigma}_c^{--}, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to K^+ p\bar{\Sigma}_c^{--}\bar{K}_1^0\psi')$	31406	30798	1	38100
31408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^- D^- D^0 D_s^-)$	31407	30799	1	38101
31409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^{*+}\bar{D}^0\gamma, \bar{B}^0 \to \bar{K}^0 D_s^+ D_s^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0 K^{*+}\bar{D}^0 D_s^+ D_s^{*-}\gamma)$	31408	30800	1	38102
31410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+ D^+ D^-)$	31409	30801	1	38103
31411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0 K^+\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^0 K^+\phi D^+\bar{D}^{*-})$	31410	30802	1	38104
31412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to \rho^+ K^+ D^-\bar{p}\Lambda$ $(e^+e^- \to \rho^+ K^+ D^-\bar{D}^{*-} D_s^{*+}\bar{p}\Lambda)$	31411	30803	1	38105
31413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta K^+ D^{*+}\bar{D}^{*-} D^0)$	31412	30804	1	38106
31414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-})$	31413	2483	1	38107
31415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+ D^{*+})$	31414	30805	1	38108
31416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- K^+ D^+\bar{D}^{*-} D^0)$	31415	30806	1	38109

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\bar{K}^0K^*\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\bar{K}^0K^*K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	31416	30807	1	38110
31418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\eta\omega D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta\omega K^*K^-D^+D^{*+})$	31417	30808	1	38111
31419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^+D^-)$	31418	30809	1	38112
31420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^+D_1'^+)$	31419	30810	1	38113
31421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to K^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^+\eta K^-\bar{D}^{*-}\bar{p}\Sigma_c^{*++})$	31420	30811	1	38114
31422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+})$	31421	30812	1	38115
31423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-p\bar{\Xi}_c'^0, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to K^-D_2^{*+}D_s^{*-}p\bar{\Xi}_c'^0)$	31422	30813	1	38116
31424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^-\eta K^+\bar{D}^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\eta K^+D^+\bar{D}^{*0})$	31423	30814	1	38117
31425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^-\eta\omega K^+D^{*+}\bar{D}^{*-}D^0)$	31424	30815	1	38118
31426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0K^0K^-D^{*+}\bar{D}^{*-}a_1^+)$	31425	30816	1	38119
31427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-D^{*+}D_1'^-)$	31426	30817	1	38120
31428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\eta\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta\bar{K}^0K^+D^{*+}D_2^{*-})$	31427	30818	1	38121
31429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^-D^{*+})$	31428	30819	1	38122
31430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D^{*+}\bar{n}p)$	31429	30820	1	38123
31431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	31430	30821	1	38124
31432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^{*+})$	31431	23419	1	38125
31433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\pi^-\eta\bar{D}^{*0}, B^0 \to \pi^0\rho^0\pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta\eta\omega D^-\bar{D}^{*0})$	31432	30822	1	38126

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^-D^{*+})$	31433	30823	1	38127
31435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta D^{*+}\bar{D}^{*-}D_s^{*-})$	31434	30824	1	38128
31436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\bar{D}^{*-}\bar{p}\Lambda_c^+)$	31435	30825	1	38129
31437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^{*+}\eta'D^{*+}\bar{D}^{*-})$	31436	30826	1	38130
31438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^+D^-\bar{D}^{*-})$	31437	30827	1	38131
31439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, \bar{B}^0 \to \eta D^+D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+D_s^{*-}D_1'^+)$	31438	30828	1	38132
31440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^+\bar{D}^0)$	31439	30829	1	38133
31441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\omega K^*D^{*+}D^{*0}\bar{D}^{*0})$	31440	30830	1	38134
31442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*-}n\bar{\Sigma}^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}D_s^{*-}n\bar{\Sigma}^+)$	31441	30831	1	38135
31443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-K^*J/\psi, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{D}^{*-}J/\psi)$	31442	30832	1	38136
31444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-}a_1^-)$	31443	30833	1	38137
31445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0D^+\Delta^0\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^+\Delta^0\bar{p})$	31444	30834	1	38138
31446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^0\rho^-\eta K^+\eta'D^-D^{*+}D^{*0})$	31445	30835	1	38139
31447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{K}^0D^-D_s^+D_s^-)$	31446	30836	1	38140
31448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^0D^{*+}D^0\bar{D}^{*0})$	31447	30837	1	38141
31449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^+D^0D_s^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+D^0D_s^-)$	31448	30838	1	38142
31450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*+}\bar{D}^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	31449	30839	1	38143

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{n}\Delta^+, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^*D^-D^-D^{*0}\bar{n}\Delta^+)$	31450	30840	1	38144
31452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0K^{*+}K^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0K^{*+}K^{*-}\bar{D}^{*-})$	31451	30841	1	38145
31453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{p}\Delta^{++}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^{++})$	31452	30842	1	38146
31454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^+D^-)$	31453	30843	1	38147
31455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^+\phi D^0D_s^-$ $(e^+e^- \to \rho^0\rho^0\pi^+\rho^+\phi D^-D^0D_s^-)$	31454	30844	1	38148
31456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \bar{K}^0K^+\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^+D^-\bar{D}^{*-}D_{s1}'^+)$	31455	30845	1	38149
31457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to K^-\bar{p}\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_eX_u^-K^-\bar{p}\Sigma_c^{++})$	31456	30846	1	38150
31458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}D^{*+})$	31457	30847	1	38151
31459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}D^0)$	31458	30848	1	38152
31460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+D^-n\bar{p}, \bar{B}^0 \to \rho^0\pi^-D^+\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-n\bar{p}\Lambda\bar{\Sigma}^0)$	31459	30849	1	38153
31461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta D^{*+}D^{*+}D_s^-)$	31460	30850	1	38154
31462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\eta\eta'D^{*+}\bar{D}^{*-})$	31461	30851	1	38155
31463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0)$	31462	30852	1	38156
31464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0K^-D^-D^{*+}D_s^{*+})$	31463	30853	1	38157
31465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-})$	31464	30854	1	38158
31466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to K^+\bar{D}^{*-}D^0D^0\Delta^+\bar{\Delta}^+)$	31465	30855	1	38159
31467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0\eta', \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^0\eta K^0\eta'D^+D_s^{*-})$	31466	30856	1	38160

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \bar{D}^{*-}D_{s1}'^+$ $(e^+e^- \to D^-\bar{D}^{*-}D_s^+D_{s1}'^+)$	31467	30857	1	38161
31469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1'^-, \bar{B}^0 \to \pi^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \pi^-\rho^+\eta\omega\omega D^{*+}D_1'^-)$	31468	30858	1	38162
31470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\omega p\bar{\Lambda}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \rho^-\omega D^{*0}pp\bar{\Delta}^+\bar{\Lambda})$	31469	30859	1	38163
31471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}p\bar{\Sigma}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}p\bar{\Sigma}^0)$	31470	30860	1	38164
31472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^0D^+D^{*+}\bar{D}^{*-})$	31471	30861	1	38165
31473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-K^{*+}D^+D^-)$	31472	30862	1	38166
31474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^0K^+D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0K^0K^+D_s^-D_1'^+)$	31473	30863	1	38167
31475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta'D^{*+}\bar{D}^{*-})$	31474	30864	1	38168
31476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-D_s^{*+}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \omega D^+D^-D_s^{*+}D_s^{*-})$	31475	30865	1	38169
31477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^+D_1'^-)$	31476	30866	1	38170
31478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega D^-D^{*+})$	31477	30867	1	38171
31479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-})$	31478	9510	1	38172
31480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^*D^+D^-D^{*+}D_s^{*-})$	31479	30868	1	38173
31481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^0p\bar{p}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+D^{*+}\bar{D}^0D_s^{*-}p\bar{p})$	31480	30869	1	38174
31482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-D^{*+})$	31481	30870	1	38175
31483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^0\bar{K}^0D_s^+, \bar{B}^0 \to \rho^0\pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\pi^-K^0\bar{K}^0K^{*+}K^{*-}D^{*+}D_s^+)$	31482	30871	1	38176
31484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	31483	30872	1	38177

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^0K^+D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\eta\bar{K}^0K^+D^-D^{*+})$	31484	30873	1	38178
31486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	31485	30874	1	38179
31487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0K^*K^-D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^*K^-D^+D^{*+})$	31486	30875	1	38180
31488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}\Delta^-\bar{n})$	31487	30876	1	38181
31489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D_1^+)$	31488	30877	1	38182
31490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^+\bar{p}\Xi_c^0$ $(e^+e^- \to \pi^+K^*D^-D^{*+}\bar{p}\Xi_c^0)$	31489	30878	1	38183
31491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0K^-\eta'D^{*+}\bar{D}^{*-})$	31490	30879	1	38184
31492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \pi^0\pi^0K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^*K^+K^-D^+\chi_{c1})$	31491	30880	1	38185
31493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}D_s^+)$	31492	43	1	38186
31494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_s^+\gamma)$	31493	30881	1	38187
31495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0D_s^{*+}\bar{p}\Sigma^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0D^-D_s^{*+}\bar{p}\Sigma^{*0})$	31494	30882	1	38188
31496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^*D^+)$	31495	30883	1	38189
31497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	31496	5928	1	38190
31498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*0})$	31497	30884	1	38191
31499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^+K^-D^-n\bar{p}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+K^+K^-D^-D^{*+}n\bar{p})$	31498	30885	1	38192
31500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{D}^{*-}D_{s1}'^+)$	31499	30886	1	38193
31501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \bar{K}^*D_s^{*+}D_s^{*-}$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}D_s^{*+}D_s^{*-}D_{s1}'^+)$	31500	30887	1	38194

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0D^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	31501	30888	1	38195
31503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega D^{*+}\bar{D}^{*-}D_s^-)$	31502	30889	1	38196
31504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^+\bar{D}^{*-})$	31503	30890	1	38197
31505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0D^-D^{*+})$	31504	30891	1	38198
31506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^+K^*K^-\eta'D^{*+}\bar{D}^{*-})$	31505	30892	1	38199
31507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^0D^0\eta_c)$	31506	30893	1	38200
31508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-})$	31507	30894	1	38201
31509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta\bar{K}^0K^+D^-D^{*+})$	31508	30895	1	38202
31510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	31509	30896	1	38203
31511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^-)$	31510	30897	1	38204
31512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta D^+D^-D_{s0}^{*-})$	31511	30898	1	38205
31513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \rho^0K^0D^+D^-$ $(e^+e^- \to \rho^0\pi^-K^0D^+D^-\bar{D}^0D_s^+)$	31512	30899	1	38206
31514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-\bar{n}\Delta^+, \bar{B}^0 \to \rho^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0K^-D^-D^{*+}\bar{n}\Delta^+)$	31513	30900	1	38207
31515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-K^0K^*D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-K^0K^*D^{*+}D_s^{*-})$	31514	30901	1	38208
31516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-})$	31515	30902	1	38209
31517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+}D^{*0})$	31516	30903	1	38210
31518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^-K^{*+}\eta'\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_eK^-K^{*+}\eta'\bar{D}^{*-}\bar{D}^{*0})$	31517	30904	1	38211

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}n\bar{p}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}\bar{D}^{*-}n\bar{p})$	31518	30905	1	38212
31520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+K^0D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta K^0D^-D^0)$	31519	30906	1	38213
31521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\bar{D}^0D_0^{*+})$	31520	30907	1	38214
31522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to \pi^+\omega\omega D^-$ $(e^+e^- \to \pi^+\omega\omega K^*D^-J/\psi)$	31521	30908	1	38215
31523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^+D_s^-, \bar{B}^0 \to \pi^0K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0K^0K^+K^-D^+D_s^-)$	31522	30909	1	38216
31524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}\gamma, \bar{B}^0 \to \pi^0K^*D^+D_s^{*-}$ $(e^+e^- \to \pi^0\rho^+K^*D^+D_2^{*-}D_s^{*-}\gamma)$	31523	30910	1	38217
31525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-K^0K^-D^+\bar{D}^{*-})$	31524	30911	1	38218
31526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \rho^0\pi^+K^-K^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0)$	31525	30912	1	38219
31527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^{*+}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^{*+}D^-D_1^+)$	31526	30913	1	38220
31528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-D^-, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*-})$	31527	24870	1	38221
31529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+D^+D^-D_s^-)$	31528	30914	1	38222
31530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta K^+K^-D^0\bar{D}^{*0})$	31529	30915	1	38223
31531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{p}\Delta^+, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}\bar{p}\Delta^+)$	31530	30916	1	38224
31532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\eta K^+D^+D^-D^{*0}D_s^{*-})$	31531	30917	1	38225
31533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-})$	31532	30918	1	38226
31534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^-D^{*+}D_s^{*+})$	31533	30919	1	38227
31535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta K^0, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^-\eta\eta K^0D^+)$	31534	30920	1	38228

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^0\bar{K}^*D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\eta K^0\bar{K}^*D^+\bar{D}^{*-})$	31535	30921	1	38229
31537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-D^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-D^-D^0)$	31536	30922	1	38230
31538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-D_{s1}'^+)$	31537	30923	1	38231
31539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	31538	30924	1	38232
31540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^-D^{*+})$	31539	30925	1	38233
31541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \pi^-\bar{D}^0D^{*0}D_s^+p\bar{\Delta}^+)$	31540	30926	1	38234
31542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\eta\eta\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\eta\eta\bar{D}^{*-}\bar{D}^{*0})$	31541	30927	1	38235
31543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0K^+D^0D_s^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^0K^+D^+D^0D_s^{*-})$	31542	30928	1	38236
31544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^*K^{*+}K^{*-}D^+\bar{D}^{*-})$	31543	30929	1	38237
31545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-})$	31544	18872	1	38238
31546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^{*0}, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^+D^-\bar{D}^{*-}D^{*0})$	31545	30930	1	38239
31547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^-\rho^+K^-D^+D^-\bar{D}^0\bar{\Delta}^+\Delta^{++})$	31546	30931	1	38240
31548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^*K^+K^{*-}D^+D^-)$	31547	30932	1	38241
31549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0\bar{K}^0D^-D^{*+}D_s^{*+})$	31548	30933	1	38242
31550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+D^0\bar{D}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega K^+D^-D^0\bar{D}^0)$	31549	30934	1	38243
31551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\Delta^{++}\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to K^0\bar{K}^0\bar{K}^0D^{*0}\bar{D}^{*0}\Delta^{++}\bar{\Sigma}_c^{*--})$	31550	30935	1	38244
31552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^*D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	31551	30936	1	38245

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\omega K^*, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to \rho^+\rho^-\omega K_S K^*\psi')$	31552	30937	1	38246
31554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\omega D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-})$	31553	30938	1	38247
31555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0K^0K^{*-}D^+D^+\bar{D}^{*-}\bar{D}^{*0})$	31554	30939	1	38248
31556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0D^+n\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^{*+}n\bar{p})$	31555	30940	1	38249
31557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_{s1}^+)$	31556	30941	1	38250
31558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, \bar{B}^0 \to D_s^+\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \pi^0D_s^+p\bar{\Delta}^+\Sigma^0\bar{\Sigma}_c^-)$	31557	30942	1	38251
31559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^+K^{*-}D^+D^0\bar{D}^0D_s^-)$	31558	30943	1	38252
31560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\pi^-\rho^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^+K^-D^+D^-)$	31559	30944	1	38253
31561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-})$	31560	30945	1	38254
31562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-})$	31561	30946	1	38255
31563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*K^*, \bar{B}^0 \to \bar{K}^0D_s^-D_s^{*+}$ $(e^+e^- \to \bar{K}^0\bar{K}^0K^*K^*D_s^-D_s^{*+})$	31562	30947	1	38256
31564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\bar{K}^*D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-D^-)$	31563	30948	1	38257
31565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-\eta D^+\bar{D}^{*-})$	31564	30949	1	38258
31566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-K^+D^{*+}D^0\bar{D}^{*0})$	31565	30950	1	38259
31567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-K^0D^+D^-D^{*+}D_s^-)$	31566	30951	1	38260
31568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+K^0\bar{K}^0K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0K^-D^-\bar{D}^{*-})$	31567	30952	1	38261
31569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0)$	31568	30953	1	38262

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\Delta^0\bar{\Sigma}^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Sigma}^{*+})$	31569	30954	1	38263
31571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0D^+D^+\bar{D}^{*0})$	31570	30955	1	38264
31572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \eta'\bar{p}\Sigma_c^{*+}$ $(e^+e^- \to \rho^+\omega\eta'D^-\bar{p}\Sigma_c^{*+})$	31571	30956	1	38265
31573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\bar{K}^0D^+D^-\bar{D}^{*-})$	31572	30957	1	38266
31574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s0}^{*+}, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}D_{s0}^{*+})$	31573	30958	1	38267
31575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega\omega K^-K^{*+}D^{*+}\bar{D}^{*-})$	31574	30959	1	38268
31576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^{*-}D^{*+}\bar{D}^{*-})$	31575	30960	1	38269
31577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^-\bar{K}^*K^+D^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0\bar{K}^*K^+D^+D^{*+})$	31576	30961	1	38270
31578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Lambda}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\omega n\bar{n}\bar{\Lambda}\Sigma_c^0)$	31577	30962	1	38271
31579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^+\rho^+\rho^-\bar{D}^{*-}D_s^{*-}D_1^+)$	31578	30963	1	38272
31580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega D^+D^-)$	31579	30158	1	38273
31581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta K^+K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta K^0K^+K^-K^{*-}D^{*+}\bar{D}^{*-})$	31580	30964	1	38274
31582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D^-, B^0 \to \pi^0\pi^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\rho^+D^-\bar{D}^{*-}\bar{n}p)$	31581	30965	1	38275
31583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^+D^-)$	31582	30966	1	38276
31584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*J/\psi, \bar{B}^0 \to \omega K^*K^-D^{*+}$ $(e^+e^- \to \omega K^*K^*K^-D^{*+}J/\psi)$	31583	30967	1	38277
31585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D_s^+D_s^{*-}, B^0 \to K^0K^0D^+D_s^-$ $(e^+e^- \to K^0K^0K^0D^+D_s^+D_s^-D_s^{*-})$	31584	30968	1	38278
31586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to D^{*+}\bar{\Delta}^+\Lambda$ $(e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}\bar{\Delta}^+\Lambda)$	31585	30969	1	38279

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^- \bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+ K^0 D^0 D_s^- D_s^{*-}\bar{\Delta}^+\Delta^{++})$	31586	30970	1	38280
31588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\eta\bar{K}^0 D^0 \bar{D}^{*0}$ $(e^+e^- \to \pi^0\eta\bar{K}^0\bar{K}^0 K^+ D^- D^0 \bar{D}^{*0})$	31587	9896	1	38281
31589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-})$	31588	30971	1	38282
31590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^-\omega K^+ D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	31589	30972	1	38283
31591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\eta D^+ D^-)$	31590	30973	1	38284
31592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\rho^- D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\rho^- D^- D^{*0})$	31591	30974	1	38285
31593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^* K^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\bar{K}^* K^+\eta' D^+\bar{D}^{*-})$	31592	30975	1	38286
31594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+ D^-, \bar{B}^0 \to \rho^-\eta\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\bar{K}^0 D^- D^{*+})$	31593	30976	1	38287
31595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta K^- K^{*+} D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta K^- K^{*+} D^+ D^-)$	31594	30977	1	38288
31596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^+ K^0\bar{K}^0 K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\omega K^0\bar{K}^0 K^{*-} D^-)$	31595	30978	1	38289
31597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^- D^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta D^+ D^{*+})$	31596	30979	1	38290
31598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega K^0\bar{K}^0\bar{D}^{*-} D^0)$	31597	30980	1	38291
31599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+ D^{*+} D_1^-)$	31598	30981	1	38292
31600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e D^-, B^0 \to \bar{D}^{*-} a_1^+\gamma$ $(e^+e^- \to e^+\nu_e D^-\bar{D}^{*-} a_1^+\gamma)$	31599	30982	1	38293
31601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\omega\bar{D}^0, \bar{B}^0 \to D^{*+} a_1^-$ $(e^+e^- \to \rho^0\omega D^{*+}\bar{D}^0 a_1^-)$	31600	30983	1	38294
31602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0 D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^* K^+ D^+\bar{D}^{*-})$	31601	30984	1	38295
31603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	31602	30985	1	38296

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^0)$	31603	30986	1	38297
31605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	31604	30987	1	38298
31606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^-\omega K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\omega K^0\bar{K}^*D^{*+}D_s^{*+}D_1^-)$	31605	30988	1	38299
31607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^0\bar{K}^*K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-})$	31606	30989	1	38300
31608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0D^-p\bar{p}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0D^-D^{*+}p\bar{p})$	31607	30990	1	38301
31609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0D^0\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}D^0\bar{D}^{*0})$	31608	30991	1	38302
31610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+K^-\chi_{c2}D_1^-)$	31609	30992	1	38303
31611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-})$	31610	30993	1	38304
31612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^+D^{*+}\bar{D}^0D_s^{*-})$	31611	30994	1	38305
31613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \eta D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\eta K^0D^{*0}\bar{D}^{*0}J/\psi)$	31612	30995	1	38306
31614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega K^-K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^-K^{*+}D^+\bar{D}^{*-})$	31613	30996	1	38307
31615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^+n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\omega D^+\bar{D}^{*-}n\bar{p})$	31614	30997	1	38308
31616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^+D^-, B^0 \to \bar{D}^{*-}D_s^+$ $(e^+e^- \to D^+D^-\bar{D}^{*-}D_s^+)$	31615	30998	1	38309
31617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^-D^{*+}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^-K^+D^-D^{*+}D^{*+}a_1^-)$	31616	30999	1	38310
31618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+D^+D^0D_s^{*-}D_s^{*-})$	31617	31000	1	38311
31619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+D^+\Delta^0\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^+D^{*0}\Delta^0\bar{\Delta}^{++})$	31618	31001	1	38312
31620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^+\pi^-\eta_c$ $(e^+e^- \to \pi^+\pi^-K^0D^+D^-\eta_c)$	31619	22705	1	38313

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e K^{*+}D^-D_1^+\gamma)$	31620	31002	1	38314
31622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+K^0K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+K^0K^{*-}D^-D^{*+})$	31621	31003	1	38315
31623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-D_s^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\omega\omega D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^-D^0D_s^+)$	31622	31004	1	38316
31624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\omega\omega D^+D^+)$	31623	31005	1	38317
31625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}p\bar{p})$	31624	31006	1	38318
31626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-a_1^+D_1'^+)$	31625	31007	1	38319
31627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to K^0D^{*+}\Delta^0\bar{\Sigma}_c^{*0}D_{s1}^-)$	31626	31008	1	38320
31628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\bar{K}^0D^+\bar{D}^{*-})$	31627	31009	1	38321
31629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \rho^+\eta D^-D^{*+}D_s^-)$	31628	31010	1	38322
31630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^0, \bar{B}^0 \to D^{*+}\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^-\rho^+D^{*+}\bar{D}^0\Sigma^0\bar{\Sigma}^-)$	31629	31011	1	38323
31631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^+D^{*+}D_{s0}^{*-})$	31630	31012	1	38324
31632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_LJ/\psi, B^0 \to \rho^+\bar{D}^{*-}$ $(e^+e^- \to K_L\rho^+\bar{D}^{*-}J/\psi)$	31631	31013	1	38325
31633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	31632	31014	1	38326
31634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^-\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^+D^{*+}\Delta^-\bar{n})$	31633	31015	1	38327
31635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	31634	31016	1	38328
31636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \rho^0K^*\eta_c$ $(e^+e^- \to e^+\nu_e\rho^0K^*\bar{D}^{*-}\eta_c)$	31635	31017	1	38329
31637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^{*+}D^-, B^0 \to \bar{D}^{*-}D_{s1}'^+\gamma$ $(e^+e^- \to \bar{K}^0K^{*+}D^-\bar{D}^{*-}D_{s1}'^+\gamma)$	31636	31018	1	38330

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-})$	31637	31019	1	38331
31639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+D^-p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\omega K^0K^{*-}\eta' D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega K^0K^{*-}\eta' D^+D^-p\bar{\Delta}^{++})$	31638	31020	1	38332
31640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^0\bar{\Sigma}_c^0, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega D_2^{*+}\Delta^0\bar{\Sigma}_c^0)$	31639	31021	1	38333
31641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*0}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \eta D^+\bar{D}^{*0}n\bar{p})$	31640	31022	1	38334
31642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^+, \bar{B}^0 \to \pi^+\rho^-\omega\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^0\bar{K}^*D^+D^{*0})$	31641	31023	1	38335
31643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\rho^-D^+\bar{D}^{*-})$	31642	31024	1	38336
31644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^0D_1^-)$	31643	31025	1	38337
31645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{D}^0)$	31644	31026	1	38338
31646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \pi^+K^0K^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+K^0K^{*-}D^-D^0)$	31645	31027	1	38339
31647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\psi', \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0K_SK^0K^-D^{*+}\psi')$	31646	31028	1	38340
31648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^0, \bar{B}^0 \to \pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^+K^{*-}D^+D^-D^0)$	31647	31029	1	38341
31649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\Delta^+\bar{\Lambda}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^*D_2^{*+}\Delta^+\bar{\Lambda}_c^-)$	31648	31030	1	38342
31650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	31649	31031	1	38343
31651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+D^+\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}\bar{D}^{*-})$	31650	31032	1	38344
31652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta K^0D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta K^0D^{*+}D_s^{*-})$	31651	31033	1	38345
31653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^0D^-, \bar{B}^0 \to \eta\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta K^0D^-\bar{\Delta}^+\Xi_c^{*+})$	31652	31034	1	38346
31654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^-D^+\bar{D}^{*-})$	2665	2659	1	38347

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	31654	31036	1	38348
31656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta' D^-\bar{n}p, \bar{B}^0 \to \rho^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\omega\eta' D^+D^-\bar{n}p)$	31655	31037	1	38349
31657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\pi^-K^+D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta D^+\gamma$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^-\eta K^+D^+D^+\bar{D}^{*0}\gamma)$	31656	31038	1	38350
31658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^*\bar{K}^*D^+\bar{D}^{*-})$	31657	31039	1	38351
31659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	31658	31040	1	38352
31660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\eta D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta D^+D^-D_s^{*+})$	31659	31041	1	38353
31661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\omega K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega\omega K^+K^-D^-D^{*+})$	31660	31042	1	38354
31662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^-K^{*+}D^{*+}\bar{D}^{*0})$	31661	31043	1	38355
31663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+D^-, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+D^-D^-)$	31662	31044	1	38356
31664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-K^+D^{*+}D^{*0}\bar{D}^{*0}D_s^{*-})$	31663	31045	1	38357
31665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^+\bar{K}^*n\bar{p}, \bar{B}^0 \to \pi^0\omega K^+K^-\eta' D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\bar{K}^*K^+K^-\eta' D^{*0}n\bar{p})$	31664	31046	1	38358
31666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta K^0K^{*-}D^-D^{*+})$	31665	31047	1	38359
31667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau\bar{D}^{*-}D_0^{*+})$	31666	31048	1	38360
31668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+K^0\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0\bar{K}^0K^*D^+\bar{D}^{*-})$	31667	31049	1	38361
31669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^+D_1^+)$	31668	31050	1	38362
31670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+K^*K^{*-}D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^*K^{*-}D^+D^-)$	31669	31051	1	38363
31671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega D^+D^{*+}D_s^{*-})$	31670	31052	1	38364

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^+\rho^-K^0K^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-K^0K^+K^-D^{*+}\bar{D}^{*-}D^{*0})$	31671	31053	1	38365
31673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0D_s^-, \bar{B}^0 \to \rho^+\phi D_s^{*-}$ $(e^+e^- \to \rho^0\rho^+\rho^+K^0\phi D_s^-D_s^{*-})$	31672	31054	1	38366
31674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to D_2^{*+}D_2^{*-}D_s^+D_s^{*-})$	31673	31055	1	38367
31675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to K^0\bar{K}^0D^+D_s^-$ $(e^+e^- \to K^0\bar{K}^0D^+D^-D_s^-a_1^+)$	31674	31056	1	38368
31676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0\bar{n}\Delta^0)$	31675	31057	1	38369
31677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^*D^+D^-)$	31676	31058	1	38370
31678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta D^+D^{*+}a_1^-)$	31677	31059	1	38371
31679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \rho^0D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-D^0D^{*0})$	31678	31060	1	38372
31680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^0)$	31679	31061	1	38373
31681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*-})$	31680	31062	1	38374
31682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}\bar{D}^{*-})$	31681	610	1	38375
31683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-a_1^+, B^0 \to \pi^0\pi^+\eta D^-$ $(e^+e^- \to \pi^0\pi^+\eta D^-D^-a_1^+)$	31682	31063	1	38376
31684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^0D_s^{*-}D_1^+)$	31683	31064	1	38377
31685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0K^-D^+$ $(e^+e^- \to \pi^0K^-D^+J/\psi K_1^0)$	31684	31065	1	38378
31686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-})$	31685	31066	1	38379
31687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^{*0})$	31686	31067	1	38380
31688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta' D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta' D^-D^{*+})$	31687	31068	1	38381

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^0D^+\bar{D}^{*-}\bar{D}^{*-})$	31688	31069	1	38382
31690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \pi^0\pi^+\eta'D^+\bar{D}^{*-}D_s^-)$	31689	31070	1	38383
31691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \rho^0K^*K^{*-}D^+$ $(e^+e^- \to \rho^0K^*K^{*-}D^+D^{*+}\Delta^0\bar{\Delta}^+)$	31690	31071	1	38384
31692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\pi^-K^*J/\psi)$	31691	31072	1	38385
31693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^+K^{*-}D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^+K^{*-}D^-D_1'^+)$	31692	31073	1	38386
31694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to \eta K^0K^{*-}D^{*+}n\bar{\Sigma}_c^0)$	31693	31074	1	38387
31695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^-\rho^+\eta\omega\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*0})$	31694	31075	1	38388
31696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^{*+}D_s^-, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}D_s^-)$	31695	31076	1	38389
31697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{K}^0K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\rho^+D^0n\bar{p}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^0n\bar{p})$	31696	31077	1	38390
31698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^{*0})$	31697	31078	1	38391
31699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\eta D^+D^-)$	31698	31079	1	38392
31700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^-D^{*+}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^*K^+D^-D^{*+}D^{*+}\bar{D}^{*-})$	31699	31080	1	38393
31701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	31700	7013	1	38394
31702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_s^{*-}D_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}D_s^{*-}D_1^+)$	31701	31081	1	38395
31703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	31702	31082	1	38396
31704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to K^*\bar{\Delta}^+\Xi_c^{*+}$ $(e^+e^- \to K^*\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*+}D_{s1}^+)$	31703	31083	1	38397
31705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\pi^-\eta K^0J/\psi$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0D_2^{*-}D_s^{*+}J/\psi)$	31704	31084	1	38398

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^{*+}D_1^-)$	31705	31085	1	38399
31707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Sigma}^{*0}\Xi_c^+$ $(e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^+)$	31706	31086	1	38400
31708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-p\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega D^-p\bar{p}D_1'^+)$	31707	31087	1	38401
31709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1'^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\pi^-\rho^+\omega D^{*+}D_1'^+)$	31708	31088	1	38402
31710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0})$	31709	31089	1	38403
31711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta\omega D^+D^-)$	31710	31090	1	38404
31712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{D}^{*-}D^{*0}n\bar{\Sigma}_c^-)$	31711	31091	1	38405
31713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-})$	31712	31092	1	38406
31714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0D^-D^{*+}\bar{D}^{*-})$	31713	31093	1	38407
31715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^-D^+D^-D_s^{*+})$	31714	19814	1	38408
31716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau\rho^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\bar{D}^0D_s^{*+})$	31715	31094	1	38409
31717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-})$	31716	31095	1	38410
31718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_1'^+D_{s1}'^+)$	31717	31096	1	38411
31719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+K^0K^-D^-D^{*+}D^{*0}\bar{D}^{*0})$	31718	31097	1	38412
31720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0, \bar{B}^0 \to \pi^+\omega K^-\eta_c$ $(e^+e^- \to \pi^+\omega K^*K^-\bar{D}^0\eta_c)$	31719	31098	1	38413
31721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*\bar{K}^*D^+D_1^+)$	31720	31099	1	38414
31722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^-\bar{K}^*K^+K^-K^-D^+D^{*+})$	31721	31100	1	38415

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^-)$	31722	31101	1	38416
31724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^- D_1^+)$	31723	31102	1	38417
31725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+D^-)$	31724	10142	1	38418
31726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*-}D^+\bar{D}^0\bar{D}^0)$	31725	31103	1	38419
31727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \pi^-\omega K^{*+}K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega K^{*+}K^{*-}D^+\bar{D}^0)$	31726	31104	1	38420
31728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^0D^+\bar{D}^0, B^0 \to \pi^-\rho^+\omega K^+D^-$ $(e^+e^- \to \pi^-\pi^-\rho^+\omega K^0K^+D^+D^-\bar{D}^0)$	31727	31105	1	38421
31729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_s^{*+})$	31728	31106	1	38422
31730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\eta D^+D^-)$	31729	31107	1	38423
31731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^0D_s^+)$	31730	31108	1	38424
31732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^0n\bar{p}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\bar{D}^0n\bar{p})$	31731	31109	1	38425
31733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	31732	31110	1	38426
31734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{p}\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}\bar{p}\Delta^{++})$	31733	31111	1	38427
31735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}D^0\bar{D}^0)$	31734	31112	1	38428
31736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\eta'\bar{D}^{*-}D^{*0})$	31735	31113	1	38429
31737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D^{*0}D_s^{*+})$	31736	31114	1	38430
31738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}^+\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_{s1}^+\gamma)$	31737	31115	1	38431
31739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^-\bar{K}^*D^{*+}D_2^{*-}\bar{D}^{*0})$	31738	31116	1	38432

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta K^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	31739	31117	1	38433
31741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0a_1^-, \bar{B}^0 \to \pi^+\pi^-\eta\omega D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^0D^{*0}a_1^-)$	31740	31118	1	38434
31742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\omega K^{*-}D^+D^-\bar{D}^{*0})$	31741	31119	1	38435
31743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta K^0\bar{K}^0\bar{K}^*K^{*+}D^+D^-)$	31742	31120	1	38436
31744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}n\bar{n})$	31743	31121	1	38437
31745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega D^-, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega D^+D^-)$	31744	31122	1	38438
31746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \omega K^0K^-D^+$ $(e^+e^- \to \rho^-\omega K^0K^-D^+D^+)$	31745	31123	1	38439
31747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0, \bar{B}^0 \to \pi^+D^{*0}D_s^-$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0D^{*0}D_s^-)$	31746	31124	1	38440
31748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^*K^-D^-D^{*+})$	31747	31125	1	38441
31749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^+D^+D^-D^{*0})$	31748	31126	1	38442
31750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	31749	31127	1	38443
31751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta\omega K^0\bar{K}^0K^*, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega\omega\omega K^0\bar{K}^0K^*D^{*+})$	31750	31128	1	38444
31752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\eta\eta\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\eta\eta' D^+\bar{D}^{*0})$	31751	31129	1	38445
31753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^-\eta\bar{K}^0\eta' D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta\omega\bar{K}^0\eta' D^-D^0)$	31752	31130	1	38446
31754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^*\phi D^+$ $(e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^*\phi D^+\bar{D}^{*-})$	31753	31131	1	38447
31755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^0\bar{n}\Xi_c'^0$ $(e^+e^- \to e^+\nu_e K^0D^-\bar{n}\Xi_c'^0)$	31754	31132	1	38448
31756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\eta\omega\eta' D^{*+}\bar{D}^{*-}D_s^-)$	31755	31133	1	38449

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^+\bar{D}^{*-})$	31756	31134	1	38450
31758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^0 D_s^{*+})$	31757	31135	1	38451
31759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-})$	31758	31136	1	38452
31760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+)$	31759	31137	1	38453
31761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^*K^+K^-D^+\bar{D}^{*-})$	31760	31138	1	38454
31762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \rho^+\omega K^-D^+D^-\bar{D}^0)$	31761	31139	1	38455
31763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^+\bar{D}^{*-})$	31762	31140	1	38456
31764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^{*+}D^{*+})$	31763	31141	1	38457
31765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^*D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0)$	31764	31142	1	38458
31766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^+D^-D^{*0}\bar{D}^{*0})$	31765	31143	1	38459
31767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \rho^-K^*\bar{K}^*K^+D^{*+}\bar{D}^{*-}D^{*0})$	31766	31144	1	38460
31768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-})$	31767	31145	1	38461
31769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega K^*D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega K^*D^{*+}D_s^-)$	31768	31146	1	38462
31770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega\omega K^*D^+D^+\bar{D}^{*-})$	31769	31147	1	38463
31771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-D^+\bar{D}^0)$	31770	31148	1	38464
31772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to D^{*+}\bar{D}^{*0}\bar{p}\Delta^+a_1^-)$	31771	31149	1	38465
31773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0K^*K^-D^{*+}$ $(e^+e^- \to \rho^0K^*K^-D^{*+}\bar{D}^{*-}a_1^+)$	31772	31150	1	38466

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \rho^+\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D^0)$	31773	31151	1	38467
31775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\omega K^0K^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0K^-\bar{p}\Lambda_c^+)$	31774	31152	1	38468
31776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-}D^0, \bar{B}^0 \to K^*K^-\phi D^{*+}$ $(e^+e^- \to \omega K^*K^+K^-\phi D^{*+}\bar{D}^{*-}D^0)$	31775	31153	1	38469
31777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+\rho^-\omega\bar{K}^0K^{*+}D^+D^-D_s^{*-})$	31776	31154	1	38470
31778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to K_S\bar{K}^0D^-D^{*+}\eta_c)$	31777	31155	1	38471
31779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D_2^{*+}D_s^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to K^0K^-D^+D_2^{*+}D_s^-)$	31778	31156	1	38472
31780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0a_1^+)$	31779	31157	1	38473
31781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \pi^0\bar{K}^*D_s^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D_s^{*+}D_s^{*-}\chi_{c1})$	31780	31158	1	38474
31782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-D_s^{*+})$	31781	31159	1	38475
31783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^0D^{*0}$ $(e^+e^- \to \rho^0\rho^+D^{*0}\Delta^0\bar{\Sigma}_c^-)$	31782	31160	1	38476
31784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0, \bar{B}^0 \to \eta K^0K^{*-}\eta'D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0K^{*-}\eta'D^{*+}D^0)$	31783	31161	1	38477
31785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \rho^0\pi^+K^+K^-D^-$ $(e^+e^- \to \rho^0\pi^+K^*K^+K^-D^+D^-D^-)$	31784	31162	1	38478
31786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}n\bar{\Sigma}_c^0)$	31785	31163	1	38479
31787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega D^{*+}D^0a_1^-)$	31786	31164	1	38480
31788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\eta K^-D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-\eta K^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+})$	31787	31165	1	38481
31789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \bar{K}^*J/\psi$ $(e^+e^- \to \rho^+\omega\omega\bar{K}^*D^-J/\psi)$	31788	31166	1	38482
31790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*K^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-})$	31789	31167	1	38483

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\omega D^- D^{*+})$	31790	5801	1	38484
31792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{n}p, B^0 \to \pi^+\rho^+K^0K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+K^0K^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	31791	31168	1	38485
31793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{n}\Xi_c'^+, \bar{B}^0 \to K^0\bar{K}^0D^+D^-$ $(e^+e^- \to \pi^-K^0\bar{K}^0D^+D^-\bar{n}\Xi_c'^+)$	31792	31169	1	38486
31794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-K^{*+}D^-D^0)$	31793	31170	1	38487
31795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^-\eta' D^+$ $(e^+e^- \to \pi^-\pi^-\eta' D^+p\bar{\Sigma}_c^0)$	31794	31171	1	38488
31796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^+\bar{D}^{*0})$	31795	31172	1	38489
31797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\eta D^+D^-D_s^+)$	31796	3046	1	38490
31798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Sigma^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega\omega D^{*+}\Sigma^0\bar{\Xi}_c^{*-})$	31797	31173	1	38491
31799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^-\omega\bar{K}^0K^+D^+D^-)$	31798	31174	1	38492
31800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-})$	31799	31175	1	38493
31801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^{*0})$	31800	31176	1	38494
31802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^{*-})$	31801	31177	1	38495
31803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-})$	31802	31178	1	38496
31804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\bar{K}^0K^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^+D^+D^-)$	31803	31179	1	38497
31805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Xi}_c^0, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \bar{K}^0K^-J/\psi\Delta^+\bar{\Xi}_c^0)$	31804	31180	1	38498
31806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \pi^0\omega K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^*K^-D^+D^-)$	31805	31181	1	38499
31807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^+\eta' D^-$ $(e^+e^- \to \pi^+\eta' D^-D^-D_s^{*+})$	31806	31182	1	38500

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^-)$	31807	31183	1	38501
31809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^+, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-K^{*-}D^{*+}\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^+)$	31808	31184	1	38502
31810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^+K^-D_s^-D_s^{*+}$ $(e^+e^- \to \pi^+K^-\bar{D}^{*-}D_s^+D_s^-D_s^{*+})$	31809	31185	1	38503
31811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta D^-D^0)$	31810	31186	1	38504
31812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+D_1^-)$	31811	31187	1	38505
31813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\bar{K}^*K^+D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\bar{K}^*K^+\bar{D}^{*-}D^{*0})$	31812	31188	1	38506
31814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^{*+}D_s^{*-}\gamma$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^{*-}D_1'^-\gamma)$	31813	31189	1	38507
31815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^+D^+\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^0D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^{++})$	31814	31190	1	38508
31816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-})$	31815	31191	1	38509
31817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}\gamma, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D^{*+}D_s^{*+}\gamma)$	31816	31192	1	38510
31818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_{s0}^{*-}D_{s1}'^+)$	31817	31193	1	38511
31819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^0, \bar{B}^0 \to \eta\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \eta\bar{K}^0\bar{K}^0D^+\bar{D}^{*-}D^0)$	31818	31194	1	38512
31820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-K^0D^+D^+\bar{D}^{*-}D_s^-)$	31819	31195	1	38513
31821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^-\omega\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{K}^0K^+D^-D^{*+})$	31820	31196	1	38514
31822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, B^0 \to \rho^0\rho^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+D^-D_0^{*-})$	31821	31197	1	38515
31823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-})$	31822	31198	1	38516
31824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-})$	31823	31199	1	38517

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\bar{n}\Delta^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\bar{K}^0\bar{D}^{*-}\bar{n}\Delta^0)$	31824	31200	1	38518
31826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-K^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*0})$	31825	31201	1	38519
31827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\eta D^+n\bar{n}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}n\bar{n})$	31826	31202	1	38520
31828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^-D^{*+}D_s^{*+})$	31827	31203	1	38521
31829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^-\omega D^+D^-D_{s1}'^+)$	31828	31204	1	38522
31830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^0\bar{K}^0J/\psi$ $(e^+e^- \to \rho^0\pi^+\eta\bar{K}^0D^-J/\psi)$	31829	31205	1	38523
31831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \bar{B}^0 \to K^{*-}D^+\bar{D}^{*0}$ $(e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D_2^{*+}\bar{D}^{*0})$	31830	31206	1	38524
31832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	31831	604	1	38525
31833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*0}\bar{D}^{*0}D_s^+)$	31832	31207	1	38526
31834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-K^{*-}D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-K^0K^{*-}D^{*0}\bar{D}^{*0}D_s^{*+})$	31833	31208	1	38527
31835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0D_s^{*+})$	31834	31209	1	38528
31836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^{*+}\eta'D^-, \bar{B}^0 \to \bar{K}^0D_s^+D_s^-$ $(e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}\eta'D^-D_s^+D_s^-)$	31835	31210	1	38529
31837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^+K^{*+}K^{*-}D^+\bar{D}^{*-})$	31836	31211	1	38530
31838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D^{*0})$	31837	31212	1	38531
31839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to K^0D^{*+}\bar{D}^{*0}D_{s1}'^-)$	31838	31213	1	38532
31840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to K^*K^{*-}D^+D_2^{*-}D_s^{*+})$	31839	31214	1	38533
31841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^0D_2^{*-}D^0\bar{D}^{*0})$	31840	31215	1	38534

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^- D^{*+} D_s^+)$	31841	31216	1	38535
31843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta\eta D^- D^{*+})$	31842	31217	1	38536
31844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0 D^+D^-, \bar{B}^0 \to \rho^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^-\eta\eta\bar{K}^0 D^+ D^- D^{*+})$	31843	31218	1	38537
31845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\rho^+\rho^- K^{*-} D^+ \bar{D}^{*-} \bar{D}^0)$	31844	31219	1	38538
31846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^{*+} D^+ D^- D^{*+})$	31845	31220	1	38539
31847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta D^{*0} p\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^{*+} D^{*0} p\bar{\Lambda})$	31846	31221	1	38540
31848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}, \bar{B}^0 \to \pi^0\omega K^- D^+\bar{D}^0$ $(e^+e^- \to \pi^0\rho^-\omega K^- D^+ D^{*+} \bar{D}^0)$	31847	31222	1	38541
31849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\eta\bar{K}^* K^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0 K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0\bar{K}^* K^+ K^+ \bar{D}^{*-} \bar{D}^{*-})$	31848	31223	1	38542
31850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-} D^0 D_s^-)$	31849	31224	1	38543
31851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^0 D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^- D^{*+} \bar{D}^0 D_s^{*-})$	31850	31225	1	38544
31852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to K^0 K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta K^0 K^{*-} D^- D^{*+})$	31851	31226	1	38545
31853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\rho^-\eta D^- D^{*+})$	31852	31227	1	38546
31854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0 K^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0 K^{*+} D^-)$	31853	31228	1	38547
31855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+})$	31854	31229	1	38548
31856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^-\Delta^0\bar{\Sigma}^{*+}, \bar{B}^0 \to D^+ D_s^{*-}$ $(e^+e^- \to D^+ D_s^- D_s^{*-} \Delta^0\bar{\Sigma}^{*+})$	31855	31230	1	38549
31857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0 D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0 D^- D^{*+} D_s^{*+})$	31856	31231	1	38550
31858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^+ D^-)$	31857	31232	1	38551

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega D^+ D^-\bar{D}^{*-} D_s^+)$	31858	31233	1	38552
31860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^{*0}$ $(e^+e^- \to \pi^0\omega\bar{K}^* K^{*+}\bar{D}^{*-} D^{*0})$	31859	31234	1	38553
31861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta' D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta' D^+ D^-)$	31860	31235	1	38554
31862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^- n, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^-\bar{\Delta}^- n)$	31861	31236	1	38555
31863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^+ n\bar{\Lambda}_c^-, B^0 \to K^{*+} n\bar{\Sigma}_c^-$ $(e^+e^- \to \rho^+ K^{*+} nn\bar{\Lambda}_c^-\bar{\Sigma}_c^-)$	31862	31237	1	38556
31864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0\bar{D}^{*0} D_s^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*0} D_s^{*+})$	31863	31238	1	38557
31865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\rho^- D^{*+}\bar{D}^{*0})$	31864	31239	1	38558
31866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*0})$	31865	31240	1	38559
31867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \eta D^0$ $(e^+e^- \to \pi^-\eta D^0\bar{D}^0 D_s^{*+})$	31866	31241	1	38560
31868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \pi^0\eta K^0 K^- D^+$ $(e^+e^- \to \pi^0\rho^+\eta K^0 K^- D^+ D_2^{*-})$	31867	31242	1	38561
31869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-})$	31868	31243	1	38562
31870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+ D^0$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\rho^+ D^0 D_1'^-)$	31869	31244	1	38563
31871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\eta D^- D^{*+}\bar{n}p)$	31870	31245	1	38564
31872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \rho^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^-\eta D^- D^{*+} D_s^{*+})$	31871	31246	1	38565
31873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^-\bar{\Sigma}^{*0}\Xi_c^+$ $(e^+e^- \to e^+\nu_e K^- D^-\bar{\Sigma}^{*0}\Xi_c^+)$	31872	31247	1	38566
31874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \rho^0\rho^+ D^- D^{*+} D_{s1}'^-)$	31873	31248	1	38567
31875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^{*-} D^+, \bar{B}^0 \to \pi^0\pi^0 K^0\bar{K}^0 D^+ n\bar{p}$ $(e^+e^- \to \pi^0\pi^0 K^0 K^0\bar{K}^0 K^{*-} D^+ D^+ n\bar{p})$	31874	31249	1	38568

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0\pi^+K^0D^-D_s^{*-}D_1'^+)$	31875	31250	1	38569
31877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta'D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta'D^-D_1^+)$	31876	31251	1	38570
31878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^+\bar{n}\Sigma^{*-}$ $(e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma^{*-})$	31877	31252	1	38571
31879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^-\bar{K}^0D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0D^{*+}\bar{D}^{*0}D_0^{*-})$	31878	31253	1	38572
31880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	31879	31254	1	38573
31881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{D}^{*0}, B^0 \to \pi^+\rho^-\bar{D}^{*0}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}\bar{D}^{*0}n\bar{n})$	31880	31255	1	38574
31882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \bar{K}^0D^0$ $(e^+e^- \to e^+\nu_e\bar{K}^0D^-D^0)$	31881	31256	1	38575
31883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^-)$	31882	31257	1	38576
31884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-})$	31883	31258	1	38577
31885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eD^+X_{sd}\gamma)$	31884	31259	1	38578
31886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta K^0D^{*+}\bar{D}^{*-})$	31885	31260	1	38579
31887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^-D^{*+}D^{*+}D_s^{*-})$	31886	31261	1	38580
31888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}p\bar{p})$	31887	31262	1	38581
31889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^*K^+K^+K^-K^-D_s^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta\bar{K}^0K^-D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0K^*K^+K^+K^-K^-K^-D_s^-D_s^{*+})$	31888	31263	1	38582
31890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^0K^+D_s^{*-}, \bar{B}^0 \to \eta K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\rho^-\eta K^0K^+K^-D^+\bar{D}^0D_s^{*-})$	31889	31264	1	38583
31891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta D^+D^+)$	31890	31265	1	38584
31892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta'D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\eta'D^+\bar{D}^{*-})$	31891	31266	1	38585

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{K}^*K^{*+}D^-, \bar{B}^0 \to \pi^-\rho^+D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\bar{K}^*K^{*+}D^-D^{*0})$	31892	31267	1	38586
31894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+n\bar{\Xi}_c'^-, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \rho^0\pi^+\rho^+\eta\bar{D}^{*-}n\bar{\Xi}_c'^-)$	31893	31268	1	38587
31895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0K^*D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	31894	31269	1	38588
31896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta\bar{K}^*K^+\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \rho^-\eta\bar{K}^*K^+D^{*+}\bar{D}^0D_s^{*-})$	31895	31270	1	38589
31897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+\gamma\gamma$ $(e^+e^- \to e^+\nu_e\rho^-D^+\bar{D}^{*-}\gamma\gamma)$	31896	31271	1	38590
31898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-}D_s^{*+})$	31897	852	1	38591
31899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega K^{*+}D^-\bar{D}^{*-}D^0)$	31898	31272	1	38592
31900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^-\bar{n}pD_0^{*+})$	31899	31273	1	38593
31901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^0\rho^0\rho^+\omega D^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega D^-\bar{D}^{*-}a_1^+)$	31900	31274	1	38594
31902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^+D^{*+}D_s^-)$	31901	31275	1	38595
31903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta K^+D^+\bar{D}^0)$	31902	31276	1	38596
31904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\eta D^+\Sigma^-\bar{\Sigma}^{*0}, \bar{B}^0 \to \rho^0\pi^-\pi^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta\bar{K}^*K^+D^+D^{*+}\Sigma^-\bar{\Sigma}^{*0})$	31903	31277	1	38597
31905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-})$	31904	31278	1	38598
31906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{D}^{*-})$	31905	31279	1	38599
31907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \rho^-K^+D_2^{*+}\bar{D}^{*0}D_s^{*-})$	31906	31280	1	38600
31908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK_SD^+\eta_c)$	31907	31281	1	38601
31909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \rho^-K^{*+}D^-D^{*+}D^{*0}\gamma)$	31908	31282	1	38602

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D_0^{*+}a_1^+)$	31909	31283	1	38603
31911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to \pi^0\rho^-\eta\eta\omega D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^-\eta\eta\omega D^+D_1^+)$	31910	31284	1	38604
31912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^+\rho^-\omega K^+K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^{*+})$	31911	31285	1	38605
31913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\eta D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\eta D^-D^{*0})$	31912	31286	1	38606
31914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*-})$	31913	31287	1	38607
31915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-})$	31914	31288	1	38608
31916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\pi^-\eta K^-K^{*+}D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta K^-K^{*+}D^+n\bar{\Xi}_c'^0)$	31915	31289	1	38609
31917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^*K^+D^-D^{*+})$	31916	31290	1	38610
31918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+\omega\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega\omega D^-\bar{D}^{*-})$	31917	31291	1	38611
31919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\omega\omega K^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\omega\omega K^+D^+\bar{D}^0)$	31918	31292	1	38612
31920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to \rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\omega D^-\bar{D}^{*-})$	31919	1866	1	38613
31921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	31920	31293	1	38614
31922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^+\bar{D}^{*-})$	31921	31294	1	38615
31923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0p\bar{\Delta}^+, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0\psi'$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^0p\bar{\Delta}^+\psi')$	31922	31295	1	38616
31924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\pi^0D^{*0}p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^+D^-D^{*0}p\bar{p})$	31923	31296	1	38617
31925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\omega D^-D^{*+}D_s^{*-})$	31924	31297	1	38618
31926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}D^0)$	31925	31298	1	38619

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^+\bar{D}^{*-}n\bar{p}, B^0 \to \pi^0\pi^0\pi^-\rho^+\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{D}^0n\bar{p})$	31926	31299	1	38620
31928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^+\eta K^-D^+D^-\bar{D}^{*0})$	31927	31300	1	38621
31929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-})$	31928	19883	1	38622
31930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^*\bar{D}^{*0}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	31929	31301	1	38623
31931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	31930	31302	1	38624
31932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0\Delta^-\bar{p}, \bar{B}^0 \to \eta\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to \pi^+\pi^+\eta K^0\Delta^-\bar{p}\bar{\Delta}^+\Sigma_c^{*+})$	31931	31303	1	38625
31933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^-\bar{n}\Sigma_c^+)$	31932	31304	1	38626
31934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\bar{K}^0K^+\bar{D}^0, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0K^+D^{*+}\bar{D}^0a_1^-)$	31933	31305	1	38627
31935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\rho^+\omega K^0K^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\omega K^0K^-\bar{D}^{*-})$	31934	31306	1	38628
31936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta' D^{*+}\bar{D}^{*-})$	31935	31307	1	38629
31937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-D^0, \bar{B}^0 \to \pi^-\bar{n}\Xi_c'^+$ $(e^+e^- \to \pi^+\pi^-K^0D^-D^0\bar{n}\Xi_c'^+)$	31936	31308	1	38630
31938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta D^-, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{K}^*D^-\bar{D}^{*-}D^{*0})$	31937	31309	1	38631
31939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\eta K^0\bar{\Delta}^-\Delta^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta K^0\bar{D}^{*-}\bar{\Delta}^-\Delta^-)$	31938	31310	1	38632
31940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{K}^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\omega K^*K^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega K^0\bar{K}^0K^*K^-D^0\bar{D}^0)$	31939	31311	1	38633
31941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta\eta\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^0\bar{D}^{*-})$	31940	31312	1	38634
31942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\eta D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\eta D^{*0}D_1'^-)$	31941	31313	1	38635
31943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^-D^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*+}\bar{D}^{*0})$	31942	31314	1	38636

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \omega K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^0 K^- D^+ \bar{D}^{*-})$	31943	31315	1	38637
31945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+ D^{*+}\bar{D}^{*-})$	31944	31316	1	38638
31946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \omega K^0 D_s^+ D_s^{*-}\bar{n}\Sigma_c^0)$	31945	31317	1	38639
31947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^- K^0\bar{K}^* K^{*+} K^{*-} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^- K^0\bar{K}^* K^{*+} K^{*-} D^+ D^-)$	31946	31318	1	38640
31948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K_L\rho^0(1450), B^0 \to \rho^- K^+\bar{D}^0 p\bar{p}$ $(e^+e^- \to K_L\rho^- K^+\bar{D}^0 p\bar{p}\rho^0(1450))$	31947	31319	1	38641
31949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- D^+ D_0^{*-})$	31948	31320	1	38642
31950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+ K^0 K^- D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+ K^0 K^- D^{*+} D^{*0})$	31949	31321	1	38643
31951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \eta D^{*0}$ $(e^+e^- \to \pi^0\eta\bar{D}^{*-} D^{*0}\bar{n}p)$	31950	31322	1	38644
31952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\bar{\Delta}^+\Sigma_c^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta K^+ K^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta K^+ K^- D^+\bar{\Delta}^+\Sigma_c^+)$	31951	31323	1	38645
31953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu D_1'^-, B^0 \to \pi^0\pi^+\pi^+\pi^- D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^- D^- D_1'^-)$	31952	31324	1	38646
31954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^* D_s^+ D_s^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 K^* D^0 D_s^+ D_s^{*-})$	31953	31325	1	38647
31955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\omega\omega D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\omega\omega K^0 D^+ D^+\bar{D}^{*-})$	31954	31326	1	38648
31956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- p\bar{\Xi}_c^0, \bar{B}^0 \to \eta K^- D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^-\eta K^- D^{*+}\bar{D}^{*0} p\bar{\Xi}_c^0)$	31955	31327	1	38649
31957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^- D^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\pi^- D^- D^{*0})$	31956	31328	1	38650
31958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^+\pi^-\eta K^* K^{*-} D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^* K^{*-} D^+ D^{*+})$	31957	31329	1	38651
31959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{K}^0 D^-)$	31958	31330	1	38652
31960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+ D_s^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to D^+ D_s^{*-} J/\psi\bar{K}_1^0)$	31959	31331	1	38653

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega\omega D^-, \bar{B}^0 \to \bar{K}^0 D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^0\rho^+\omega\omega\bar{K}^0 D^- D^{*+}\bar{D}^{*-})$	31960	31332	1	38654
31962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^- D^0)$	31961	31333	1	38655
31963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\bar{K}^0 K^+ D^-, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0 D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\bar{K}^0\bar{K}^0 K^+ D^- D^0)$	31962	31334	1	38656
31964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ K^{*+} D_s^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^-\rho^+ K^{*+} D^+ D_s^- D_s^-)$	31963	31335	1	38657
31965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-\gamma, \bar{B}^0 \to D^{*+} D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\omega D^- D^{*+} D_s^-\gamma)$	31964	31336	1	38658
31966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0 D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0 D^+\bar{D}^0\bar{D}^0 D_s^+)$	31965	31337	1	38659
31967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0 K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-})$	31966	31338	1	38660
31968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^- K^0 J/\psi, \bar{B}^0 \to \pi^-\pi^-\bar{K}^* K^{*+} D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^- K^0\bar{K}^* K^{*+} D^+ J/\psi)$	31967	31339	1	38661
31969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^+ D_0^{*-})$	31968	31340	1	38662
31970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+ D^- D^{*+})$	31969	31341	1	38663
31971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D_2^{*+}$ $(e^+e^- \to \rho^0\pi^+\rho^-\bar{D}^{*-} D_2^{*+})$	31970	31342	1	38664
31972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\bar{K}^* K^+ D^-\bar{\Delta}^+\Sigma_c^{*0})$	31971	31343	1	38665
31973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \omega K^0 K^- D^{*+}$ $(e^+e^- \to \omega K^0 K^+ K^- D^{*+}\bar{D}^{*-} D^{*0})$	31972	31344	1	38666
31974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\omega K^- D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^0\omega K^- D^{*+}\bar{D}^{*-})$	31973	31345	1	38667
31975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^0\eta' D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- K^0\eta' D^{*+} D_1'^+)$	31974	31346	1	38668
31976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^+ D^- D_s^-)$	31975	8048	1	38669
31977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0 D^{*0}\bar{D}^{*0} J/\psi K_1^0)$	31976	31347	1	38670

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0 K^0 K^- D^+, \bar{B}^0 \to \pi^0\pi^- D^+ p\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\pi^- K^0 K^- D^+ D^+ p\bar{\Delta}^+)$	31977	31348	1	38671
31979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-})$	31978	5727	1	38672
31980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^* D^+ D^+\bar{D}^{*-})$	31979	31349	1	38673
31981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	31980	31350	1	38674
31982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^- D_s^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- K^- D^{*+} D_s^- D_s^{*+})$	31981	31351	1	38675
31983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega D^+ D^{*+})$	31982	31352	1	38676
31984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^+ K^- D^-, \bar{B}^0 \to D^{*+} D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\eta K^+ K^- D^- D^{*+} D_s^{*-})$	31983	31353	1	38677
31985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-\bar{D}^0 D_s^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{D}^0 D_s^+)$	31984	31354	1	38678
31986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \pi^-\pi^-\rho^+ D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0 K^+ D^+\bar{D}^{*-} n\bar{n})$	31985	31355	1	38679
31987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0 D^- D^{*+} D^{*+})$	31986	31356	1	38680
31988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^*\bar{K}^* p\bar{\Lambda}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- K^*\bar{K}^* D^{*+} p\bar{\Lambda})$	31987	31357	1	38681
31989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega K^0 D_s^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta\omega K^0 D^+ D_s^{*-})$	31988	31358	1	38682
31990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \bar{K}^0 K^+ K^- D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{K}^0 K^+ K^- D^- D^0\bar{D}^0)$	31989	31359	1	38683
31991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}, B^0 \to D^-\bar{n}p$ $(e^+e^- \to D^-\bar{D}^{*-} D_s^{*+}\bar{n}p)$	31990	31360	1	38684
31992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0 D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta D^{*+}\bar{D}^{*-})$	31991	4026	1	38685
31993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^+, \bar{B}^0 \to K^*\chi_{c1}$ $(e^+e^- \to \pi^+\pi^- K^* D^- D_s^+\chi_{c1})$	31992	31361	1	38686
31994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0 D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0 D^{*+} D_1'^-)$	31993	31362	1	38687

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
31995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\omega D^-\bar{\Delta}^- n, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\omega D^+D^-\bar{\Delta}^- n)$	31994	31363	1	38688
31996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega D^+D^-\Delta^0\bar{\Delta}^+)$	31995	31364	1	38689
31997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+D^-D_1'^+)$	31996	31365	1	38690
31998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-}n\bar{p})$	31997	31366	1	38691
31999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\omega D^-, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\bar{K}^0D^-D^{*0}\bar{D}^{*0})$	31998	31367	1	38692
32000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-})$	31999	31368	1	38693
32001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^{*0}\bar{D}^{*0})$	32000	31369	1	38694
32002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*0})$	32001	31370	1	38695
32003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^-D^{*+})$	32002	31371	1	38696
32004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+D^-D^0D_s^+D_s^-)$	32003	31372	1	38697
32005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\eta\omega D^-\bar{D}^{*-})$	32004	11111	1	38698
32006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{\Delta}^0\Delta^+)$	32005	31373	1	38699
32007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta'D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\eta'D^+\bar{D}^{*-})$	32006	31374	1	38700
32008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+D_s^{*-}$ $(e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*+}D_s^{*-})$	32007	31375	1	38701
32009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-D^{*+}\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^0)$	32008	31376	1	38702
32010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D_2^{*-})$	32009	31377	1	38703
32011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^{*0}\bar{\Delta}^-\Delta^0)$	32010	31378	1	38704

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to e^-\bar{\nu}_e\rho^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D_s^{*+})$	32011	31379	1	38705
32013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-)$	32012	31380	1	38706
32014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega\omega D^-D^{*+})$	32013	31381	1	38707
32015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-D^0\bar{D}^0D_s^-D_s^{*+})$	32014	31382	1	38708
32016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0\bar{\Sigma}^0\Xi^0, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^0D^{*0}\bar{\Sigma}^0\Xi^0)$	32015	31383	1	38709
32017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\eta K^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\eta K^-D^+D_1^-)$	32016	31384	1	38710
32018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\eta K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	32017	31385	1	38711
32019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^+)$	32018	31386	1	38712
32020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^0D^{*+}\bar{D}^{*-}D^0D_s^{*-})$	32019	31387	1	38713
32021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to X_{sd}\gamma, \bar{B}^0 \to \pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0\phi D^+X_{sd}\gamma)$	32020	31388	1	38714
32022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	32021	31389	1	38715
32023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	32022	31390	1	38716
32024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^{*+}D^{*0}\bar{D}^{*0})$	32023	31391	1	38717
32025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0J/\psi$ $(e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0J/\psi\Delta^+\bar{\Sigma}_c^{*0})$	32024	31392	1	38718
32026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^{*+}\bar{D}^{*-})$	32025	31393	1	38719
32027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D_2^{*+}D_s^-)$	32026	31394	1	38720
32028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta'D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta'D^-D^{*+})$	32027	31395	1	38721

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\bar{K}^*D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^*K^+\bar{D}^{*-}D^0D^0)$	32028	31396	1	38722
32030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D_2^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\bar{D}^{*-}D_2^{*+})$	32029	31397	1	38723
32031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+D^-\Lambda\bar{\Sigma}^-, \bar{B}^0 \to \eta'\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta'D^-\bar{p}\Lambda\bar{\Sigma}^-\Lambda_c^+)$	32030	31398	1	38724
32032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^-D^{*+}\bar{D}^0\bar{D}^0)$	32031	31399	1	38725
32033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^-\omega K^0\bar{n}p, \bar{B}^0 \to \pi^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^0D^{*0}\bar{n}p)$	32032	31400	1	38726
32034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{n}p, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	32033	31401	1	38727
32035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^+K^{*-}D^-, \bar{B}^0 \to \pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega K^+K^{*-}D^+D^-)$	32034	31402	1	38728
32036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+\bar{D}^{*-}D^{*0}p\bar{\Delta}^+)$	32035	31403	1	38729
32037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0)$	32036	31404	1	38730
32038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^-K^{*+}D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\eta K^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\eta K^-K^-K^{*+}D^-D^{*+})$	32037	31405	1	38731
32039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta_c n\bar{n}, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Xi_c^{*+}$ $(e^+e^- \to \pi^-\eta_c n\bar{n}\bar{\Delta}^0\Xi_c^{*+})$	32038	31406	1	38732
32040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^+p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0p\bar{\Delta}^{++})$	32039	31407	1	38733
32041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^+K^-D^-D^{*+})$	32040	31408	1	38734
32042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-, \bar{B}^0 \to \pi^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^*K^+D^-D^{*0})$	32041	31409	1	38735
32043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	32042	31410	1	38736
32044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^{*-})$	32043	31411	1	38737
32045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-K^0D^+D^{*+}\bar{D}^{*0})$	32044	31412	1	38738

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-n, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n)$	32045	31413	1	38739
32047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+D_s^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^+D^{*+}D_s^{*-})$	32046	23498	1	38740
32048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^+)$	32047	31414	1	38741
32049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+K^0\bar{K}^*D^-, \bar{B}^0 \to \pi^-\pi^-D^{*+}\bar{\Sigma}^+\Sigma^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^-D^{*+}\bar{\Sigma}^+\Sigma^0)$	32048	31415	1	38742
32050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega D^+n\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_e\omega D^+\bar{D}^{*-}n\bar{\Delta}^+)$	32049	31416	1	38743
32051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^{*+}\bar{p}\Omega_c^0, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^0K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^+K^-K^{*+}D^{*+}\bar{p}\Omega_c^0)$	32050	31417	1	38744
32052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^+K^{*-}D^-D^{*+}$ $(e^+e^- \to \pi^+K^{*+}K^{*-}D^-D^-D^{*+}D^0)$	32051	31418	1	38745
32053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	32052	31419	1	38746
32054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^+K^*\bar{K}^*K^{*-}\phi$ $(e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^*\bar{K}^*K^{*-}\phi D^-)$	32053	31420	1	38747
32055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+\phi D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+\phi D^-D^{*0}\bar{\Delta}^-\Delta^0)$	32054	31421	1	38748
32056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^-D_s^+D_1'^+)$	32055	31422	1	38749
32057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^{*+}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+D^-D_s^{*+})$	32056	31423	1	38750
32058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\omega K^+D^{*+}D^{*0}\bar{D}^{*0})$	32057	31424	1	38751
32059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-})$	32058	5908	1	38752
32060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+D^+)$	32059	31425	1	38753
32061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0\rho^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^+\omega D^-D^-)$	32060	31426	1	38754
32062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\pi^-D^{*+}\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}p)$	32061	31427	1	38755

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\omega K^0K^+K^-D^0, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega K^0K^+K^-D^{*+}D^0)$	32062	31428	1	38756
32064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*D^-D_s^+J/\psi)$	32063	31429	1	38757
32065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^+D^-)$	32064	31430	1	38758
32066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^0D^-D^{*+}\bar{n}pD_{s1}'^-)$	32065	31431	1	38759
32067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to \pi^+\pi^+\rho^-K^+\bar{D}^{*-}D^0D_s^-)$	32066	31432	1	38760
32068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+\bar{K}^*D^-, \bar{B}^0 \to \pi^+\phi D^{*0}D_s^-$ $(e^+e^- \to \pi^+\rho^+\bar{K}^*\phi D^-D^{*0}D_s^-)$	32067	31433	1	38761
32069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-K^{*+}D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0K^-K^{*+}D^+D^{*+})$	32068	31434	1	38762
32070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^+\rho^-\eta\bar{K}^0K^*$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\rho^-\eta\bar{K}^0K^*\bar{D}^{*-})$	32069	31435	1	38763
32071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\rho^-D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-}D_{s1}'^+)$	32070	31436	1	38764
32072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	32071	31437	1	38765
32073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^0\bar{n}\Sigma^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0\bar{n}\Sigma^{*0})$	32072	31438	1	38766
32074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta D^-\bar{p}\Lambda_c^+)$	32073	31439	1	38767
32075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta\bar{K}^*\eta_c, \bar{B}^0 \to K^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \eta\bar{K}^*K^-\eta_c\bar{\Delta}^0\Lambda_c^+)$	32074	31440	1	38768
32076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^0D_s^{*+})$	32075	31441	1	38769
32077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^0\bar{D}^0\bar{D}^{*0})$	32076	31442	1	38770
32078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-K^-D^+D^{*+}\bar{D}^0\bar{D}^{*0})$	32077	31443	1	38771
32079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to D_2^{*+}D_s^-\gamma$ $(e^+e^- \to K^{*+}D^-D_2^{*+}D_s^-\gamma)$	32078	31444	1	38772

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, B^0 \to \pi^+K^{*+}K^{*-}D^-$ $(e^+e^- \to e^+\nu_e\pi^+\eta K^{*+}K^{*-}D^-\bar{D}^{*-})$	32079	31445	1	38773
32081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0D^+D^-$ $(e^+e^- \to \rho^+\bar{K}^0D^+D^-\bar{D}^{*-})$	32080	31446	1	38774
32082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^{*+}D^{*+}\bar{D}^0, \bar{B}^0 \to K^-D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-K^-K^{*+}D^+D^{*+}\bar{D}^0)$	32081	31447	1	38775
32083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^-D^-D^{*+}\bar{D}^{*0})$	32082	31448	1	38776
32084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0\bar{\Sigma}^+\Lambda$ $(e^+e^- \to \pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}\bar{\Sigma}^+\Lambda)$	32083	31449	1	38777
32085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta\omega K^+K^-D^{*+}\bar{D}^{*-})$	32084	31450	1	38778
32086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+D^-p\bar{p}, \bar{B}^0 \to \pi^0\pi^0K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^{*-}D^+D^-\bar{D}^0p\bar{p})$	32085	31451	1	38779
32087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \omega K^{*-}D_s^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\omega K^{*-}\bar{D}^{*-}D_s^+)$	32086	31452	1	38780
32088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\omega D^+D_2^{*-})$	32087	31453	1	38781
32089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^+p\bar{p}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta\eta D^+D^+p\bar{p})$	32088	31454	1	38782
32090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, B^0 \to \pi^0\pi^+\omega D^-$ $(e^+e^- \to \pi^0\pi^+\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	32089	31455	1	38783
32091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	32090	31456	1	38784
32092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-, \bar{B}^0 \to \pi^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^{*-})$	32091	31457	1	38785
32093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0D^{*+}\eta_c)$	32092	31458	1	38786
32094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to K^0K^0\bar{K}^0\bar{K}^*\bar{n}\Lambda$ $(e^+e^- \to K^0K^0\bar{K}^0\bar{K}^*D^-D_s^+\bar{n}\Lambda)$	32093	31459	1	38787
32095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	32094	31460	1	38788
32096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^{*+}K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\omega\bar{K}^0K^{*+}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^{*+}K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	32095	31461	1	38789

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^-D^+\bar{D}^{*-}D_s^{*+})$	32096	31462	1	38790
32098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Sigma}_c^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}n\bar{\Sigma}_c^0)$	32097	31463	1	38791
32099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+K^0K^0D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^0D^0D_s^{*-})$	32098	31464	1	38792
32100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+D^-D_2^{*+}D_s^{*-})$	32099	31465	1	38793
32101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D_s^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^{*+}D_s^-)$	32100	31466	1	38794
32102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_1^+D_{s0}^{*+})$	32101	31467	1	38795
32103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-\omega D^+D^-)$	32102	31468	1	38796
32104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\bar{K}^0p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^0p\bar{\Delta}^{++})$	32103	31469	1	38797
32105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \bar{K}^*D^-D^{*+}$ $(e^+e^- \to \bar{K}^*D^-D^{*+}D^{*+}a_1^-)$	32104	31470	1	38798
32106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^0\bar{D}^0\bar{n}\Delta^0)$	32105	31471	1	38799
32107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^-K^+D^+D^+\bar{D}^{*-})$	32106	28920	1	38800
32108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	32107	31472	1	38801
32109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-K^0K^+D_s^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0K^+D^{*+}D_s^-)$	32108	31473	1	38802
32110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	32109	31474	1	38803
32111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \omega D^{*0}$ $(e^+e^- \to \pi^+\eta\omega\bar{D}^{*-}D^{*0})$	32110	31475	1	38804
32112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\eta\bar{D}^{*-}, B^0 \to \rho^-K^+D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^-\eta\eta K^+D^+\bar{D}^{*-}\bar{D}^{*-})$	32111	31476	1	38805
32113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^*D^-D^{*+})$	32112	31477	1	38806

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^- D^{*+}\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^- D^{*+}\bar{D}^0 D_1^-)$	32113	31478	1	38807
32115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-})$	32114	7988	1	38808
32116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^- K^0K^0K^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^0K^0K^-D^+)$	32115	31479	1	38809
32117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^- D^{*+}D_1^-)$	32116	31480	1	38810
32118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^- K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^0K^-D^+\bar{D}^{*-})$	32117	31481	1	38811
32119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	32118	31482	1	38812
32120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+ D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^-\pi^-\rho^+ D^{*+})$	32119	31483	1	38813
32121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+ D^-\bar{n}\Delta^0, B^0 \to \pi^+\pi^+\pi^-\eta\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta' D^-\bar{D}^{*-}\bar{n}\Delta^0)$	32120	31484	1	38814
32122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\omega D^+ D_1'^-)$	32121	31485	1	38815
32123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\omega D^+\bar{D}^{*0}\bar{n}\Delta^0)$	32122	31486	1	38816
32124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^- D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^0)$	32123	31487	1	38817
32125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-D^-D^0\bar{D}^0)$	32124	31488	1	38818
32126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^0\Delta^+\bar{\Sigma}_c^{*-})$	32125	31489	1	38819
32127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+)$	32126	31490	1	38820
32128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^+\bar{D}^{*-}D_1'^+)$	32127	31491	1	38821
32129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^0K^*K^*K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^*K^*K^-D^+D^-)$	32128	31492	1	38822
32130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^- D^-D^{*+})$	32129	31493	1	38823

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^-\rho^+\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^{*+})$	32130	31494	1	38824
32132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\rho^+D^{*+}\bar{D}^{*-})$	32131	31495	1	38825
32133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^-D^{*+})$	32132	31496	1	38826
32134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{D}^{*-}D^{*0})$	32133	31497	1	38827
32135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+K^{*+}D_s^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-K^+K^{*+}D^{*+}D_s^-)$	32134	31498	1	38828
32136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+})$	32135	31499	1	38829
32137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}\bar{n}p)$	32136	31500	1	38830
32138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta\omega\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-})$	32137	31501	1	38831
32139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\rho^0\eta K^0K^-D^+$ $(e^+e^- \to \pi^0\rho^0\eta K^0K^-D^+D^-D_s^+)$	32138	31502	1	38832
32140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\bar{D}^0)$	32139	20298	1	38833
32141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\rho^+\eta\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\eta\omega D^+D^-n\bar{n})$	32140	31503	1	38834
32142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^+D^-D^{*0}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^0\rho^-K^+D^+D^-D^{*0})$	32141	31504	1	38835
32143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+D^+D^-)$	32142	31505	1	38836
32144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^0p\bar{p})$	32143	31506	1	38837
32145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\chi_{c1}, \bar{B}^0 \to \pi^-\pi^-D^+\bar{p}\Delta^{++}$ $(e^+e^- \to \pi^-\pi^-K^*D^+\bar{p}\Delta^{++}\chi_{c1})$	32144	31507	1	38838
32146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	32145	31508	1	38839
32147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-D_s^{*+})$	32146	31509	1	38840

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \pi^-\rho^+\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0\eta'\bar{D}^{*-}\bar{D}^{*0})$	32147	31510	1	38841
32149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^+D^{*+}n\bar{p})$	32148	31511	1	38842
32150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-})$	32149	31512	1	38843
32151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to D^+D^-D_s^{*-}\bar{\Delta}^0\Delta^+)$	32150	31513	1	38844
32152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^0\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^*K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0})$	32151	31514	1	38845
32153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-})$	32152	31515	1	38846
32154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-})$	32153	31516	1	38847
32155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-D^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*-})$	32154	31517	1	38848
32156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\omega\bar{K}^*D^+D^{*+}\bar{D}^{*-})$	32155	31518	1	38849
32157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0})$	32156	31519	1	38850
32158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^-\Delta^+\bar{\Omega}_c^{*0}, \bar{B}^0 \to K^{*-}\bar{\Lambda}\Xi_c^+$ $(e^+e^- \to K^-K^{*-}\Delta^+\bar{\Lambda}\Xi_c^+\bar{\Omega}_c^{*0})$	32157	31520	1	38851
32159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\eta D^+\bar{D}^{*-})$	32158	28289	1	38852
32160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+K^0\phi D^-, \bar{B}^0 \to \rho^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^0K^-\phi D^-\bar{D}^0D^{*0})$	32159	31521	1	38853
32161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}D^0D_s^{*-})$	32160	31522	1	38854
32162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_SJ/\psi, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega K_SD^+J/\psi)$	32161	31523	1	38855
32163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^-\eta D^+p\bar{p}$ $(e^+e^- \to \pi^+\rho^-\eta D^+D^-p\bar{p})$	32162	31524	1	38856
32164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to e^+\nu_eX_u^-\pi^-\pi^-\rho^+D^{*+})$	32163	31525	1	38857

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+D^0p\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta\bar{D}^{*-}D^0p\bar{p})$	32164	31526	1	38858
32166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*D^+D^-, B^0 \to \pi^+\pi^+D^-\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+K^*D^+D^-D^-\Delta^0\bar{\Delta}^+)$	32165	31527	1	38859
32167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D_s^{*+}D_s^{*-}$ $(e^+e^- \to \rho^+\omega\bar{K}^*\bar{D}^{*-}D_s^{*+}D_s^{*-})$	32166	31528	1	38860
32168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-)$	32167	31529	1	38861
32169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\omega K^*K^-D^{*+}\bar{D}^{*-}D_s^{*+})$	32168	31530	1	38862
32170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \bar{K}^*\bar{\Delta}^+\Sigma_c^{*+}$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^*D^-\bar{\Delta}^+\Sigma_c^{*+})$	32169	31531	1	38863
32171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^-K^{*+}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^-K^{*+}D^-D^{*0})$	32170	31532	1	38864
32172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta D^+D^{*+}D_s^{*-})$	32171	31533	1	38865
32173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	32172	11913	1	38866
32174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}D^{*+}a_1^-)$	32173	31534	1	38867
32175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to D^-D^{*+}\Delta^0\bar{\Delta}^+a_1^+)$	32174	31535	1	38868
32176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^*\eta_c, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}\eta_c)$	32175	31536	1	38869
32177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^0\omega K^0K^+K^-K^{*-}D^+$ $(e^+e^- \to e^+\nu_e\pi^0\eta\omega K^0K^+K^-K^{*-}D^+D^-)$	32176	31537	1	38870
32178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-\eta D^{*+}$ $(e^+e^- \to \rho^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^{*0})$	32177	31538	1	38871
32179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta' D^-, \bar{B}^0 \to \bar{K}_1^0\psi'$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta' D^-\bar{K}_1^0\psi')$	32178	31539	1	38872
32180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^+\rho^-\omega\bar{K}^0D^0$ $(e^+e^- \to \pi^+\rho^-\eta\omega\bar{K}^0D^0\Delta^0\bar{\Sigma}_c^{*0})$	32179	31540	1	38873
32181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^0D^-\eta_c)$	32180	31541	1	38874

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\eta' D^-, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ \pi^0\rho^+\eta\eta' D^-)$	32181	31542	1	38875
32183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^- K^+ D^0, \bar{B}^0 \to \rho^0\bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\bar{K}^0 K^+ D^0 D^0\bar{D}^0)$	32182	31543	1	38876
32184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+ D^{*0}\Delta^0\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\bar{D}^{*-} D^{*0}\Delta^0\bar{p})$	32183	31544	1	38877
32185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{K}^0 K^+\bar{D}^{*-}, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\bar{K}^0 K^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p)$	32184	31545	1	38878
32186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to K^0 K^- D^{*+}$ $(e^+e^- \to \rho^0\rho^+ K^0 K^- D^- D^{*+})$	32185	31546	1	38879
32187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\eta'\bar{K}_0^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta\eta'\bar{D}^{*-}\bar{K}_0^{*0})$	32186	31547	1	38880
32188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^- D^{*+} D_s^+)$	32187	31548	1	38881
32189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\eta K^*\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^-\eta K^* D^+\bar{D}^0)$	32188	31549	1	38882
32190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+} D^- D^0, \bar{B}^0 \to \pi^+\phi D^0 D_s^-$ $(e^+e^- \to \pi^+ K^{*+}\phi D^- D^0 D^0 D_s^-)$	32189	31550	1	38883
32191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^{*+}\gamma, \bar{B}^0 \to \pi^+\pi^+ K^-\bar{D}^{*-} D^0$ $(e^+e^- \to \pi^+\pi^+\rho^- K^- D^{*+}\bar{D}^{*-} D^0\gamma)$	32190	31551	1	38884
32192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} D_s^{*+}\gamma, B^0 \to \pi^0\pi^0 D^- D_s^+$ $(e^+e^- \to \pi^0\pi^0 D^-\bar{D}^{*-} D_s^+ D_s^{*+}\gamma)$	32191	31552	1	38885
32193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^- D^{*+} p\bar{p}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^- D^{*+} D^{*+} p\bar{p})$	32192	31553	1	38886
32194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^+ D^- n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+ D^-\bar{D}^{*-} n\bar{n})$	32193	31554	1	38887
32195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{\Sigma}^{*0}\Omega_c^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^- K^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Omega_c^0)$	32194	31555	1	38888
32196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D_s^- D_1^+$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-} D_s^- D_1^+)$	32195	31556	1	38889
32197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^+\rho^-\eta\eta D^+ D^-)$	32196	31557	1	38890
32198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^+ K^- K^{*+} K^{*-} D^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^- K^{*-} D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ K^- K^{*+} K^{*-} K^{*-} D^{*+} D^0)$	32197	31558	1	38891

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^+\bar{D}^{*-})$	32198	31559	1	38892
32200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to K^{*+}D^-D_2^{*-}D^{*0}D_s^+)$	32199	31560	1	38893
32201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}D^0)$	32200	31561	1	38894
32202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^0\chi_{c1}, \bar{B}^0 \to \rho^-K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-K^0K^+K^-D^+\chi_{c1})$	32201	31562	1	38895
32203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^-\rho^+\eta D^+D^-)$	32202	31563	1	38896
32204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-K^*K^-\bar{D}^0, \bar{B}^0 \to \pi^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^*K^-K^-\bar{D}^0\bar{D}^0D^{*0})$	32203	31564	1	38897
32205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\pi^+\eta D^-, B^0 \to \pi^0\pi^+K^+K^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta K^+K^-D^-D^-)$	32204	31565	1	38898
32206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-D^-D^{*+}D_s^+)$	32205	31566	1	38899
32207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}, \bar{B}^0 \to \omega D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\omega D^+D^{*+}D_s^{*-}n\bar{p})$	32206	31567	1	38900
32208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^+\omega$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-})$	32207	31568	1	38901
32209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\omega\bar{D}^{*-}D_1^+)$	32208	31569	1	38902
32210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^+\rho^-\bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0D^-D_s^+\eta_c)$	32209	31570	1	38903
32211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta K^0K^-\bar{D}^{*-}D^{*0})$	32210	31571	1	38904
32212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\omega D^-D^{*+})$	32211	31572	1	38905
32213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\bar{K}^*K^{*+}D^-, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p$ $(e^+e^- \to \pi^0\pi^0\pi^0\omega\bar{K}^*K^{*+}D^-\bar{D}^{*-}\bar{n}p)$	32212	31573	1	38906
32214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^0K^+\bar{D}^{*-}D^0$ $(e^+e^- \to e^+\nu_e\pi^0K^+D^-\bar{D}^{*-}D^0)$	32213	31574	1	38907
32215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+n\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0K^0K^+K^-D^{*+}n\bar{\Lambda}_c^-)$	32214	31575	1	38908

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0K^+n\bar{n}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{K}^0K^+n\bar{n}D_0^{*+})$	32215	31576	1	38909
32217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^-K^{*+}D^-D^{*+}D^{*0}n\bar{n})$	32216	31577	1	38910
32218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-\eta D^+)$	32217	31578	1	38911
32219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\rho^-K^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\rho^-K^0D^+)$	32218	31579	1	38912
32220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \mu^+\nu_\mu X_u^-K^0K^{*-}D^+)$	32219	31580	1	38913
32221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta'D^{*+}\bar{D}^{*-}D_s^{*-})$	32220	25866	1	38914
32222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \rho^0K^*D^{*+}\bar{D}^{*-}\bar{p}\Lambda_c^+)$	32221	31581	1	38915
32223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}D_s^+)$	32222	31582	1	38916
32224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to D^{*0}\bar{\Delta}^+\Sigma^{*+}$ $(e^+e^- \to e^+\nu_e\eta D^-D^{*0}\bar{\Delta}^+\Sigma^{*+})$	32223	31583	1	38917
32225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^+\bar{D}^{*-}n\bar{p})$	32224	31584	1	38918
32226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+D^+\bar{D}^{*-}n\bar{n})$	32225	31585	1	38919
32227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\omega K^{*+}K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^{*+}K^{*-}D^-D^0D_s^{*+})$	32226	31586	1	38920
32228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-K^0K^-D^-D^{*+}D_s^+)$	32227	31587	1	38921
32229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0\bar{D}^{*-}\bar{n}\Sigma_c^0a_1^+)$	32228	31588	1	38922
32230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^+p\bar{p}, \bar{B}^0 \to \pi^-\eta K^+K^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\eta K^+K^-\eta'D^+D^{*+}p\bar{p})$	32229	31589	1	38923
32231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+J/\psi, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^-K^+D^+J/\psi a_1^-)$	32230	31590	1	38924
32232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	32231	31591	1	38925

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+D^{*+}\bar{D}^{*-}D^{*0})$	32232	31592	1	38926
32234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \rho^-\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-})$	32233	31593	1	38927
32235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+D^+\bar{D}^{*-})$	32234	31594	1	38928
32236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\eta D^+D^{*+})$	32235	28937	1	38929
32237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^-D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega K^-D^+\bar{D}^{*-}\bar{D}^0)$	32236	31595	1	38930
32238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^-D^{*+})$	32237	31596	1	38931
32239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^0D_s^+n\bar{p})$	32238	31597	1	38932
32240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^+D^-, \bar{B}^0 \to \pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^*K^{*+}D^+D^-D^-D^{*0})$	32239	31598	1	38933
32241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to \rho^-K^-K^{*+}D^+$ $(e^+e^- \to e^+\nu_e\rho^-K^-K^{*+}D^+D_1^-)$	32240	31599	1	38934
32242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^+D^-D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^+D^-D^{*+}D^{*0})$	32241	31600	1	38935
32243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^-\omega K^+D^0\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^-\omega K^+\bar{D}^{*-}D^0\bar{D}^0)$	32242	31601	1	38936
32244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \pi^0\pi^0\pi^-\rho^+K^+K^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^0K^+K^-D^-D^{*+}\bar{D}^0)$	32243	31602	1	38937
32245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^-\bar{n}p$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^{*-}\bar{n}p)$	32244	31603	1	38938
32246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+})$	32245	31604	1	38939
32247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega p\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\omega D^{*+}p\bar{\Sigma}_c^-)$	32246	31605	1	38940
32248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}D_s^{*-})$	32247	31606	1	38941
32249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta\Sigma^{*0}\bar{\Xi}_c^0$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}_c^0)$	32248	31607	1	38942

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+})$	32249	31608	1	38943
32251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta_c, \bar{B}^0 \to \pi^0\pi^-\eta\omega\eta' D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\eta' D^{*+}\eta_c)$	32250	31609	1	38944
32252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^-D^+p\bar{p}$ $(e^+e^- \to \rho^0\pi^-D^+\bar{D}^{*-}D_s^+p\bar{p})$	32251	31610	1	38945
32253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega D^-\bar{D}^{*-})$	32252	31611	1	38946
32254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}D_0^{*+})$	32253	31612	1	38947
32255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \rho^-\omega\omega D^+$ $(e^+e^- \to \pi^+\rho^-\omega\omega D^+D^-)$	32254	20115	1	38948
32256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-})$	32255	31613	1	38949
32257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\omega K^0\bar{K}^0D^-D^{*+}a_1^-)$	32256	31614	1	38950
32258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\Delta^+\bar{\Xi}_c^-, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^+\rho^-\rho^-\eta' D^+\Delta^+\bar{\Xi}_c^-)$	32257	31615	1	38951
32259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_2^{*+}D_1'^-)$	32258	31616	1	38952
32260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^+D^{*+}D_s^{*-}D_s^{*-})$	32259	31617	1	38953
32261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0D^-\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^-D^{*+}\bar{\Delta}^0\Delta^+)$	32260	31618	1	38954
32262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to K^-D^{*+}$ $(e^+e^- \to K^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	32261	31619	1	38955
32263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to K^{*-}\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to K^{*-}D^+D_s^{*-}\bar{\Delta}^+\Sigma_c^{++})$	32262	31620	1	38956
32264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^-\Delta^0, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to D^+D^-\bar{\Delta}^-\Delta^0a_1^-)$	32263	31621	1	38957
32265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^+\bar{D}^{*-}D_2^{*+}D^0)$	32264	31622	1	38958
32266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+D^{*+}D_s^-\Delta^+\bar{\Sigma}_c^{*--})$	32265	31623	1	38959

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\eta D^-, \bar{B}^0 \to \pi^+\pi^+\rho^- K^- D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta\eta K^- D^- D^0\bar{D}^0)$	32266	31624	1	38960
32268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^-\rho^+\omega\omega$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-})$	32267	31625	1	38961
32269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0, \bar{B}^0 \to \pi^+\pi^- D^0$ $(e^+e^- \to \pi^+\pi^- D^0\bar{D}^{*0}\bar{n}\Delta^0)$	32268	31626	1	38962
32270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+K^*K^+K^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+K^*K^+K^-D^{*+}\bar{D}^{*0})$	32269	31627	1	38963
32271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^+\bar{D}^{*-})$	32270	31628	1	38964
32272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^+D^-D^{*+}D^0)$	32271	31629	1	38965
32273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+)$	32272	31630	1	38966
32274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^- D^+D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*-})$	32273	31631	1	38967
32275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^{*+}\bar{D}^{*-})$	32274	31393	1	38968
32276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-})$	32275	31632	1	38969
32277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu D^{*+}n\bar{p}D_1'^-)$	32276	31633	1	38970
32278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^0D^+D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0D^+D^+D_s^-)$	32277	31634	1	38971
32279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}a_1^-)$	32278	31635	1	38972
32280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\eta K^-D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\eta K^-D_s^{*+}D_0^{*-})$	32279	31636	1	38973
32281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0D^{*+}\bar{D}^0\bar{D}^0)$	32280	31637	1	38974
32282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0)$	32281	31638	1	38975
32283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+J/\psi, B^0 \to \pi^0\pi^+\pi^-D^-\bar{n}p$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^-J/\psi\bar{n}p)$	32282	31639	1	38976

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega K^- D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^+\omega K^- D^+ \bar{D}^{*-}\bar{D}^{*0})$	32283	31640	1	38977
32285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to K^*\bar{n}\Xi_c^{\prime 0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*D^-\bar{n}\Xi_c^{\prime 0})$	32284	31641	1	38978
32286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\psi', \bar{B}^0 \to \rho^0\eta D^0$ $(e^+e^- \to \rho^0\eta K^* D^0\psi')$	32285	31642	1	38979
32287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-\gamma, \bar{B}^0 \to \pi^+K^-\chi_{c2}$ $(e^+e^- \to \tau^+\nu_\tau\pi^+K^-D^-\chi_{c2}\gamma)$	32286	31643	1	38980
32288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^+D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^*D^+D^-D^{*+})$	32287	31644	1	38981
32289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta D^-D_s^+, B^0 \to \eta n\bar{\Sigma}_c^0$ $(e^+e^- \to \eta\eta D^-D_s^+n\bar{\Sigma}_c^0)$	32288	31645	1	38982
32290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_1^{\prime -}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*D^+D_1^{\prime -})$	32289	31646	1	38983
32291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \pi^0\rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\pi^+D^+D^-n\bar{p})$	32290	31647	1	38984
32292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^-D_1^+\chi_{c0})$	32291	31648	1	38985
32293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\eta\omega\bar{K}^*\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*0})$	32292	31649	1	38986
32294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-K^*J/\psi$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^*\bar{D}^{*-}J/\psi)$	32293	31650	1	38987
32295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^-\pi^-\rho^+K^0D^+D^{*+}\bar{D}^{*-})$	32294	31651	1	38988
32296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma_c^0)$	32295	31652	1	38989
32297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-})$	32296	31653	1	38990
32298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\omega\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\eta\eta\omega D^{*+}\bar{D}^0)$	32297	31654	1	38991
32299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*-})$	32298	31655	1	38992
32300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-, \bar{B}^0 \to \eta' D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega\eta' D^-D^0)$	32299	31656	1	38993

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-D^{*+}D^{*+})$	32300	31657	1	38994
32302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^-D_2^{*+})$	32301	31658	1	38995
32303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\rho^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-})$	32302	31659	1	38996
32304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \pi^+\rho^-K^*\bar{D}^0$ $(e^+e^- \to e^+\nu_e\pi^+\rho^-K^*D^-\bar{D}^0)$	32303	31660	1	38997
32305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \omega K^0K^-D^{*+}$ $(e^+e^- \to \omega K^0K^0K^-D^-D^{*+}D^{*+})$	32304	31661	1	38998
32306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-D^-, \bar{B}^0 \to K^0K^-D^+$ $(e^+e^- \to \pi^+K^0K^+K^-K^-D^+D^-)$	32305	31662	1	38999
32307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-})$	32306	31663	1	39000
32308	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-K^*K^+K^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^*K^+K^{*-}D^+)$	32307	31664	1	39001
32309	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}\bar{D}^{*-}n\bar{n})$	32308	31665	1	39002
32310	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega K^0K^-D^-D^{*+})$	32309	31666	1	39003
32311	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c'^0$ $(e^+e^- \to \pi^+D^-D_s^{*+}\bar{\Delta}^+\Xi_c'^0)$	32310	31667	1	39004
32312	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-})$	32311	15330	1	39005
32313	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\bar{D}^{*-}D_2^{*+})$	32312	31668	1	39006
32314	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*0})$	32313	31669	1	39007
32315	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-})$	32314	31670	1	39008
32316	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-D^+D_2^{*-}D_s^+)$	32315	31671	1	39009
32317	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\bar{K}^*K^+K^-D^+$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\bar{K}^*K^+K^-D^+D^-)$	32316	31672	1	39010

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32318	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\eta D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^+\eta\eta\eta D^{*+}\bar{D}^{*-})$	32317	31673	1	39011
32319	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^-D^0\bar{n}p$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^+K^-D_2^{*-}D^0\bar{n}p)$	32318	31674	1	39012
32320	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \eta D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\eta D^-D^{*+}D_2^{*-})$	32319	31675	1	39013
32321	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_s^{*+}D_1'^-, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to K^{*+}D^-D^{*0}D_s^{*+}D_1'^-)$	32320	31676	1	39014
32322	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\omega\bar{K}^0K^+, \bar{B}^0 \to \pi^+D^{*+}n\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0K^+D^{*+}n\bar{\Delta}^{++})$	32321	31677	1	39015
32323	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\bar{D}^{*-}D_1^+)$	32322	31678	1	39016
32324	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+D^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^-D_2^{*+})$	32323	31679	1	39017
32325	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{D}^0p\bar{p}, \bar{B}^0 \to \eta\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^0\bar{n}p\bar{p}\Sigma_c^0)$	32324	31680	1	39018
32326	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^0\bar{K}^*D^{*+}D^0\bar{D}^{*0})$	32325	31681	1	39019
32327	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0K^0K^*\bar{K}^*K^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^*\bar{K}^*K^-D^+D^{*+})$	32326	31682	1	39020
32328	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\pi^+\pi^-\eta D^+D^-\Delta^+\bar{\Delta}^{++})$	32327	31683	1	39021
32329	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^-K^+D_2^{*+}D^0\bar{D}^{*0}D_s^{*-})$	32328	31684	1	39022
32330	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^+\bar{K}^0D^-D^0$ $(e^+e^- \to \pi^+\bar{K}^0K^-D^+D^-D^0\bar{D}^{*0})$	32329	31685	1	39023
32331	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^-\eta D^{*+}\bar{D}^{*-})$	32330	31686	1	39024
32332	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to K^*D^+D^-D^{*+}D_s^-)$	32331	31687	1	39025
32333	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\eta\omega K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega K^0K^-D^+D^-D_s^{*+})$	32332	31688	1	39026
32334	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta D^+\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta K^0\bar{K}^0D^+D^{*+}\bar{D}^0)$	32333	31689	1	39027

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32335	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-K^0, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-K^0D^{*+})$	32334	31690	1	39028
32336	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Sigma}^0, \bar{B}^0 \to D^{*+}n\bar{p}$ $(e^+e^- \to D^{*+}\bar{D}^{*0}n\Delta^0\bar{p}\bar{\Sigma}^0)$	32335	31691	1	39029
32337	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	32336	31692	1	39030
32338	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*0})$	32337	31693	1	39031
32339	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0J/\psi, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-K^0D^+J/\psi)$	32338	31694	1	39032
32340	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^0)$	32339	31695	1	39033
32341	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega D^{*+}\bar{D}^{*-})$	32340	31696	1	39034
32342	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^0\rho^-\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega\omega K^+K^-D^+D^-)$	32341	31697	1	39035
32343	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\omega K^+, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \pi^0\rho^-\omega K^+D^+a_1^-)$	32342	31698	1	39036
32344	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{p}\Delta^+, \bar{B}^0 \to \rho^-D^{*+}n\bar{n}$ $(e^+e^- \to \pi^+\rho^-D^-D^{*+}n\bar{n}\bar{p}\Delta^+)$	32343	31699	1	39037
32345	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-\bar{\Sigma}^0\Sigma^+, B^0 \to \pi^+\rho^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+)$	32344	31700	1	39038
32346	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{\Lambda}\Sigma^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*0}\bar{\Lambda}\Sigma^0)$	32345	31701	1	39039
32347	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^0\omega\bar{K}^*J/\psi$ $(e^+e^- \to \pi^0\omega\bar{K}^*D^{*0}J/\psi\Delta^+\bar{\Delta}^+)$	32346	31702	1	39040
32348	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0K^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\omega K^0K^-D^{*+}D^{*+})$	32347	31703	1	39041
32349	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^0D_s^{*+})$	32348	31704	1	39042
32350	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\Sigma^{*0}\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^0D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0K^+D^{*+}\Delta^-\bar{\Delta}^0\Sigma^{*0}\bar{\Xi}_c^{*-})$	32349	31705	1	39043
32351	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to D^+\Sigma^-\bar{\Sigma}^{*0}\gamma$ $(e^+e^- \to D^+D_2^{*-}D_s^{*+}\Sigma^-\bar{\Sigma}^{*0}\gamma)$	32350	31706	1	39044

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32352	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^+)$	32351	31707	1	39045
32353	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \eta\omega K^0K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega K^0K^{*-}D^{*+}D^{*+})$	32352	31708	1	39046
32354	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to \bar{K}^*\bar{D}^{*-}D^0\bar{D}^0D_{s0}^{*+})$	32353	31709	1	39047
32355	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^{*+}D_{s1}^-$ $(e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_{s1}^-)$	32354	31710	1	39048
32356	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\rho^-D^{*+}\gamma, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^*K^{*+}\eta'$ $(e^+e^- \to \rho^0\pi^-\rho^-\bar{K}^0\bar{K}^*K^{*+}\eta'D^{*+}\gamma)$	32355	31711	1	39049
32357	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Sigma^{*0}\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^*K^{*+}K^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*K^{*+}K^{*-}\Sigma^{*0}\bar{\Xi}_c'^-)$	32356	31712	1	39050
32358	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-\gamma, \bar{B}^0 \to K^0\bar{\Sigma}^{*0}\Omega_c^0$ $(e^+e^- \to \pi^0\rho^+K^0D^-\bar{\Sigma}^{*0}\Omega_c^0\gamma)$	32357	31713	1	39051
32359	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\rho^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+})$	32358	31714	1	39052
32360	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}D^0\bar{\Sigma}^+\Sigma^0)$	32359	31715	1	39053
32361	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to D^-\bar{n}p$ $(e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}\bar{n}p)$	32360	31716	1	39054
32362	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^0\pi^+K^-\chi_{c2}$ $(e^+e^- \to \pi^0\pi^+K^-D^-D_s^{*+}\chi_{c2})$	32361	31717	1	39055
32363	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+\eta K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\eta K^*K^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0})$	32362	31718	1	39056
32364	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^-K^-K^{*+}D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^-K^-K^{*+}D^+\bar{D}^{*-})$	32363	31719	1	39057
32365	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\rho^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\rho^0\rho^-D^+D^-\bar{n}p\bar{p}\Delta^+)$	32364	31720	1	39058
32366	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^*D^+\bar{D}^{*-})$	32365	31721	1	39059
32367	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K_S\eta_c, \bar{B}^0 \to \pi^0\pi^0\pi^0\bar{K}^0D^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0K_S\bar{K}^0D^0\bar{D}^{*0}\eta_c)$	32366	31722	1	39060
32368	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^-D^{*+})$	32367	31723	1	39061

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32369	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D^-, B^0 \to \pi^+\omega D^-$ $(e^+e^- \to e^+\nu_e\pi^+\omega D^-D^-)$	32368	31724	1	39062
32370	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-K^0D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	32369	31725	1	39063
32371	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{n}\Delta^0, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^0\bar{n}\Delta^0)$	32370	31726	1	39064
32372	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D_s^{*-}, \bar{B}^0 \to \rho^+K^-D^+D^-$ $(e^+e^- \to \pi^+\rho^+K^0K^-D^+D^-D_s^{*-})$	32371	31727	1	39065
32373	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*K^*K^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^*K^*K^{*-}D^+\bar{n}p)$	32372	31728	1	39066
32374	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega\omega K^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^*D^{*+}\bar{D}^{*-})$	32373	31729	1	39067
32375	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^+D^{*0}\bar{D}^{*0})$	32374	31730	1	39068
32376	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \rho^+\rho^-\rho^-\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\rho^-\omega D^+D^-)$	32375	31731	1	39069
32377	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+D^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D_2^{*+}D_s^{*-})$	32376	31732	1	39070
32378	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \rho^+\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^-)$	32377	31733	1	39071
32379	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\bar{D}^{*-}, B^0 \to \pi^+K^0\bar{K}^0\eta'\bar{D}^{*-}$ $(e^+e^- \to \pi^+\rho^+K^0\bar{K}^0\eta'\bar{D}^{*-}\bar{D}^{*-})$	32378	31734	1	39072
32380	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-})$	32379	31735	1	39073
32381	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	32380	31736	1	39074
32382	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^0\pi^+K^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\eta K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	32381	31737	1	39075
32383	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^-D^{*+})$	32382	31738	1	39076
32384	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+p\bar{p}$ $(e^+e^- \to \rho^0\pi^+\rho^-D^+\bar{D}^{*-}p\bar{p})$	32383	31739	1	39077
32385	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D_s^+)$	32384	31740	1	39078

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32386	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, B^0 \to \pi^0\bar{K}^*K^{*+}D^-$ $(e^+e^- \to \pi^0\bar{K}^*K^{*+}K^{*+}D^-\bar{D}^{*-}D^0)$	32385	31741	1	39079
32387	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}p\bar{p})$	32386	31742	1	39080
32388	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^+D^{*+})$	32387	26492	1	39081
32389	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\eta_c, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^0K^0D^+\eta_cD_{s0}^{*-})$	32388	31743	1	39082
32390	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^+\omega K^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^+\omega K^-\bar{D}^{*-}D^0)$	32389	31744	1	39083
32391	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+\gamma, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^-D^{*+}D_s^+\gamma)$	32390	31745	1	39084
32392	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^{*-}D^0\bar{D}^0$ $(e^+e^- \to \pi^+K^*K^{*-}D^+\bar{D}^{*-}D^0\bar{D}^0)$	32391	31746	1	39085
32393	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Xi_c'^0, \bar{B}^0 \to \pi^+D^+\Delta^0\bar{\Delta}^{++}$ $(e^+e^- \to \pi^+\bar{K}^0D^+\Delta^0\bar{\Delta}^{++}\bar{\Lambda}\Xi_c'^0)$	32392	31747	1	39086
32394	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta\bar{D}^{*-}\bar{p}\Delta^{++}$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-}\bar{p}\Delta^{++})$	32393	31748	1	39087
32395	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-)$	32394	31749	1	39088
32396	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\eta D^{*+}, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta\omega D^{*+}D^{*+})$	32395	31750	1	39089
32397	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-)$	32396	31751	1	39090
32398	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta'D^{*+}\bar{D}^0)$	32397	31752	1	39091
32399	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_eD^{*+}J/\psi K_1^0)$	32398	31753	1	39092
32400	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+D^+)$	32399	31754	1	39093
32401	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \eta\bar{\Sigma}^{*0}\Xi_c^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\eta D^-\bar{\Sigma}^{*0}\Xi_c^{*0})$	32400	31755	1	39094
32402	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^+\rho^-\omega\omega D^+D^-)$	32401	31756	1	39095

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32403	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D_2^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^- D^{*+}D_2^{*+})$	32402	31757	1	39096
32404	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+\chi_{c1}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^- K^+ D^{*+}D_s^{*-}\chi_{c1})$	32403	31758	1	39097
32405	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^- D^+, \bar{B}^0 \to \rho^0\pi^- D^{*+}$ $(e^+e^- \to \rho^0\pi^-\rho^- D^+ D^{*+})$	32404	31759	1	39098
32406	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^+\bar{D}^0 D^{*0})$	32405	31760	1	39099
32407	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{D}^0 D^{*0}D_s^+)$	32406	31761	1	39100
32408	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^- K^* D^+\gamma, B^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega K^* D^+\bar{D}^0\gamma)$	32407	31762	1	39101
32409	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to \rho^0\pi^-\eta\omega K^+K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega K^+K^-D^+\bar{D}^0)$	32408	31763	1	39102
32410	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- K^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	32409	31764	1	39103
32411	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega K^-D^+D^-\bar{D}^{*0})$	32410	31765	1	39104
32412	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^* D_s^{*+}D_s^{*-}$ $(e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D_s^{*+}D_s^{*-})$	32411	31766	1	39105
32413	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+ D^+D_s^{*-})$	32412	31767	1	39106
32414	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{n}\Sigma_c^{*+}, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^- K^*K^-D^+\bar{n}\Sigma_c^{*+})$	32413	31768	1	39107
32415	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta D^-, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^{*-})$	32414	31769	1	39108
32416	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^+, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+ D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^+D^{*0})$	32415	31770	1	39109
32417	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^+K^-D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^-D^-D^0\bar{D}^0)$	32416	31771	1	39110
32418	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega K^0\bar{D}^0, \bar{B}^0 \to \rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega K^0 D^{*+}\bar{D}^0)$	32417	31772	1	39111
32419	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\rho^-\rho^-D^-D^-)$	525	525	1	39112

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32420	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+\eta D^- D^{*+})$	32419	31774	1	39113
32421	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-})$	32420	6123	1	39114
32422	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta D^-, B^0 \to \pi^0\pi^0\pi^+\eta\omega D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\eta\omega D^- D^-)$	32421	31775	1	39115
32423	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^- D^{*0}, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- K^0 K^{*-} D^{*+} D^{*0})$	32422	31776	1	39116
32424	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^+ K^* K^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^- K^* K^- D^{*+}\bar{D}^{*-})$	32423	31777	1	39117
32425	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- K^* K^{*+} D_s^-, \bar{B}^0 \to K^0 K^- D^+$ $(e^+e^- \to \pi^+\pi^- K^0 K^* K^- K^{*+} D^+ D_s^-)$	32424	31778	1	39118
32426	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\bar{D}^{*-} n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^+\bar{D}^{*-} n\bar{n})$	32425	31779	1	39119
32427	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\omega\bar{D}^{*-} D^{*0})$	32426	31780	1	39120
32428	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+}\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^- K^{*+} D^{*+}\bar{D}^0 D^{*0})$	32427	31781	1	39121
32429	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+\gamma, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \rho^- D^+\bar{D}^{*-} D_{s1}'^+\gamma)$	32428	31782	1	39122
32430	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, B^0 \to K^* D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^* D^{*+}\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+)$	32429	31783	1	39123
32431	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^*\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^* D^+\bar{D}^0)$	32430	31784	1	39124
32432	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^- D^{*+}\Delta^-\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^+ D^{*+}\bar{D}^{*-} D^{*0}\Delta^-\bar{n})$	32431	31785	1	39125
32433	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^0, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^- D^{*+}\bar{D}^0\bar{D}^{*0})$	32432	31786	1	39126
32434	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\eta K^- K^{*+} D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta K^- K^{*+} D^+\bar{D}^{*-})$	32433	31787	1	39127
32435	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-\bar{D}^{*-})$	32434	31788	1	39128
32436	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^- K^{*+} D^+\bar{D}^{*-} D^{*0})$	32435	31789	1	39129

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32437	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- p\bar{\Lambda}_c^-, \bar{B}^0 \to \pi^0\bar{\Delta}^+\Sigma_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^- p\bar{\Delta}^+\bar{\Lambda}_c^-\Sigma_c^+)$	32436	31790	1	39130
32438	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}D_1'^+)$	32437	31791	1	39131
32439	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*0})$	32438	31792	1	39132
32440	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^+D^-, \bar{B}^0 \to \pi^0\rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^+D^+D^+D^-n\bar{p})$	32439	31793	1	39133
32441	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0K^*K^-D^+D^{*+}\bar{D}^{*-})$	32440	31794	1	39134
32442	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_1^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\pi^-D^+D_1^+)$	32441	31795	1	39135
32443	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}n\bar{\Delta}^+)$	32442	31796	1	39136
32444	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0J/\psi, B^0 \to \pi^0\rho^0\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^0\rho^0K^0\bar{D}^0D^{*0}J/\psi)$	32443	31797	1	39137
32445	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\bar{K}^0\bar{\Xi}^+\Xi^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0\bar{D}^{*-}\bar{\Xi}^+\Xi^-)$	32444	31798	1	39138
32446	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\eta\omega\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\pi^-\eta\omega\bar{K}^0K^{*+}D^+D_0^{*-})$	32445	31799	1	39139
32447	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\omega D^+\bar{D}^{*-})$	32446	31800	1	39140
32448	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}\gamma$ $(e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^0\gamma)$	32447	31801	1	39141
32449	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^+\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	32448	31802	1	39142
32450	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	32449	31803	1	39143
32451	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*D^+D^-)$	32450	31804	1	39144
32452	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0K^{*+}D^-D^0)$	32451	31805	1	39145
32453	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta'D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta'D^-D^{*+})$	32452	31806	1	39146

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32454	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\rho^-\eta\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta K^0\bar{K}^0K^*D^+D^-D^{*0})$	32453	31807	1	39147
32455	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^+\pi^-K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^*K^{*-}D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	32454	31808	1	39148
32456	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^0K^{*+}D^+D^{*+})$	32455	31809	1	39149
32457	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to \bar{K}^0K^+D^+\bar{D}^{*-}D_s^-)$	32456	31810	1	39150
32458	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0\Lambda\bar{\Sigma}_c^0, B^0 \to \rho^0\pi^+\omega D^-$ $(e^+e^- \to \rho^0\pi^+\omega K^0D^-\Lambda\bar{\Sigma}_c^0)$	32457	31811	1	39151
32459	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\psi(3770), \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^-K^0K^-D^+\bar{D}^{*0}\psi(3770))$	32458	31812	1	39152
32460	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta K^+D^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \pi^+\pi^-\eta K^+D^-D^{*+}a_1^-)$	32459	31813	1	39153
32461	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+}D_s^-)$	32460	31814	1	39154
32462	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+D^-, B^0 \to \pi^0\pi^-\rho^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*0})$	32461	31815	1	39155
32463	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^{*+}\bar{D}^0D_s^+)$	32462	31816	1	39156
32464	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \pi^0\pi^0\pi^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^0\bar{D}^0\bar{D}^{*0}D_s^+)$	32463	31817	1	39157
32465	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^+K^{*-}D^-D^{*+}\bar{D}^{*0}\gamma)$	32464	31818	1	39158
32466	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^+\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	32465	31819	1	39159
32467	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-})$	32466	31820	1	39160
32468	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+K^-D^+D^-\bar{D}^{*-})$	32467	31821	1	39161
32469	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}, \bar{B}^0 \to \pi^-\eta\bar{K}^0\bar{K}^0K^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\omega\bar{K}^0\bar{K}^0K^+D^{*+})$	32468	31822	1	39162
32470	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta K^*D^{*+}D^{*+}\bar{D}^{*-})$	32469	31823	1	39163

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32471	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0K^*D^+\bar{D}^0D^{*0}D_s^-)$	32470	31824	1	39164
32472	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-\gamma, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+}\gamma)$	32471	31825	1	39165
32473	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\bar{K}^0\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^{*0}a_1^+)$	32472	31826	1	39166
32474	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0K^*D^+\bar{D}^{*-}\bar{p}\Lambda_c^+)$	32473	31827	1	39167
32475	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^+D^+)$	32474	31828	1	39168
32476	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^0, \bar{B}^0 \to K^*K^{*-}D^+$ $(e^+e^- \to \rho^0K^*K^{*-}D^+\bar{D}^0)$	32475	31829	1	39169
32477	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+K^-D^{*+}D^0)$	32476	31830	1	39170
32478	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+K^0K^+K^{*-}D^+\bar{D}^{*-})$	32477	31831	1	39171
32479	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega n\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^{*+}D_s^{*-}n\bar{\Xi}_c^{\prime 0})$	32478	31832	1	39172
32480	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-})$	32479	31833	1	39173
32481	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_eK^*D^+D^0\bar{D}^0)$	32480	31834	1	39174
32482	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^+\bar{D}^{*-}n\bar{n})$	32481	31835	1	39175
32483	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to \rho^+K^{*-}J/\psi$ $(e^+e^- \to \pi^0\pi^+\rho^+\omega K^{*-}D^-J/\psi)$	32482	31836	1	39176
32484	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-})$	32483	31837	1	39177
32485	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+}n\bar{\Sigma}_c^-)$	32484	31838	1	39178
32486	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-})$	32485	31839	1	39179
32487	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0})$	32486	31840	1	39180

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32488	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+K^*, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+K^*D^{*+}n\bar{p})$	32487	31841	1	39181
32489	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0\eta_c, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^+\eta_c)$	32488	31842	1	39182
32490	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+)$	32489	31843	1	39183
32491	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0J/\psi, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^{*+}J/\psi)$	32490	31844	1	39184
32492	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta\omega\omega D^+D^{*+})$	32491	31845	1	39185
32493	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*D^{*+}\bar{D}^{*-})$	32492	31846	1	39186
32494	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\omega\bar{K}^*\eta'D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega\bar{K}^*\eta'D^-\Delta^+\bar{\Sigma}_c^{*--})$	32493	31847	1	39187
32495	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-})$	32494	31848	1	39188
32496	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta'D^{*+}$ $(e^+e^- \to \rho^+\rho^-\eta'D^{*+}\bar{D}^{*-})$	32495	31849	1	39189
32497	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta'D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-\eta'D^-D_1^+)$	32496	31850	1	39190
32498	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}, \bar{B}^0 \to \pi^0\omega K^0\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^*D^{*0}\bar{\Delta}^+\Sigma_c^{*++})$	32497	31851	1	39191
32499	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to D^+\bar{\Delta}^+\Sigma^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega D^+D^-\bar{\Delta}^+\Sigma^{*0})$	32498	31852	1	39192
32500	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to D^{*+}\bar{\Sigma}^0\Xi^-$ $(e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^+\bar{\Sigma}^0\Xi^-)$	32499	31853	1	39193
32501	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\omega K^0, \bar{B}^0 \to D^0\bar{\Delta}^+\Sigma^+$ $(e^+e^- \to \rho^0\rho^+\rho^-\omega K^0D^0\bar{\Delta}^+\Sigma^+)$	32500	31854	1	39194
32502	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0\bar{D}^0D^{*0})$	32501	31855	1	39195
32503	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-p\bar{\Xi}_c^{\prime 0}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^-D^+\Delta^-\bar{\Delta}^0p\bar{\Xi}_c^{\prime 0})$	32502	31856	1	39196
32504	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^*K^-D^-D^{*+})$	32503	31857	1	39197

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32505	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^0 D^- D^{*+} D^{*+})$	32504	31858	1	39198
32506	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\phi D^+ D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0\phi D^+ D^- \bar{D}^{*-})$	32505	31859	1	39199
32507	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^- D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	32506	31860	1	39200
32508	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^-\bar{K}^* D^+$ $(e^+e^- \to \rho^0\pi^-\rho^+\omega\bar{K}^* D^+ D^-)$	32507	31861	1	39201
32509	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^- D^- D^{*+} D_s^{*+})$	32508	31862	1	39202
32510	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-})$	32509	31863	1	39203
32511	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-} D^0, \bar{B}^0 \to \pi^+ b_1^-$ $(e^+e^- \to \pi^+ K^+\bar{D}^{*-} D^0 b_1^-)$	32510	31864	1	39204
32512	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-})$	32511	31865	1	39205
32513	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^- D^+ n\bar{n}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+ D^- n\bar{n})$	32512	31866	1	39206
32514	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta D^- D^{*+} D_{s0}^{*+})$	32513	31867	1	39207
32515	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega D^- D^{*+})$	32514	31868	1	39208
32516	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega D^+ D^-)$	32515	31869	1	39209
32517	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+ D^-, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ D^+ D^- D_s^-)$	32516	31870	1	39210
32518	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\eta D^-\bar{\Delta}^0 p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+ D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta D^- D^0\bar{\Delta}^0 p)$	32517	31871	1	39211
32519	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-} D^0\bar{D}^0)$	32518	31872	1	39212
32520	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-})$	32519	31472	1	39213
32521	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	32520	19242	1	39214

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32522	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++})$	32521	31873	1	39215
32523	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^+D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^0D^+D^-$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^+D^+D^-D^{*+}\bar{D}^{*0})$	32522	31874	1	39216
32524	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^0)$	32523	31875	1	39217
32525	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	32524	27886	1	39218
32526	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^-, \bar{B}^0 \to D^+D'^-_{s1}$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^+D^-D'^-_{s1})$	32525	31876	1	39219
32527	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+\eta D^+D^{*+})$	32526	31877	1	39220
32528	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^+\omega\omega K^0K^{*-}D^+D^-)$	32527	31878	1	39221
32529	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}D^0)$	32528	31879	1	39222
32530	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}\bar{D}^{*-}D_0^{*+})$	32529	31880	1	39223
32531	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^{*+}, B^0 \to \pi^-\bar{D}^0D_s^{*+}$ $(e^+e^- \to \pi^0\pi^-D^-\bar{D}^0D_s^{*+}D_s^{*+})$	32530	758	1	39224
32532	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-\gamma, \bar{B}^0 \to \rho^+\bar{K}^0\bar{D}^{*-}D^0$ $(e^+e^- \to \rho^+\bar{K}^0D^{*+}\bar{D}^{*-}D^0a_1^-\gamma)$	32531	31881	1	39225
32533	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+}D_1'^+)$	32532	31882	1	39226
32534	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-})$	32533	13098	1	39227
32535	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^0n\bar{\Delta}^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^0n\bar{\Delta}^0)$	32534	31883	1	39228
32536	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\bar{K}^*$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-\bar{K}^*\bar{D}^{*-})$	32535	31884	1	39229
32537	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\eta K^*K^-\bar{D}^{*-}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\eta K^*K^-\bar{D}^{*-}\bar{D}^{*-})$	32536	31885	1	39230
32538	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e D_1^-, B^0 \to \pi^+\pi^-\eta K^*K^+K^-D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta K^*K^+K^-D^{*0}D_1^-)$	32537	31886	1	39231

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32539	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{D}^{*-}\bar{n}\Lambda, \bar{B}^0 \to \pi^0\pi^0D^+D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^+K^0D^+\bar{D}^{*-}D_s^{*-}\bar{n}\Lambda)$	32538	31887	1	39232
32540	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0K^0K^-D^+D^{*+}p\bar{\Delta}^{++})$	32539	31888	1	39233
32541	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\pi^-D^+D^{*+})$	32540	31889	1	39234
32542	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi n\bar{\Lambda}, \bar{B}^0 \to \pi^0K^-D_s^+$ $(e^+e^- \to \pi^0K^-D_s^+J/\psi n\bar{\Lambda})$	32541	31890	1	39235
32543	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_eK^0K^{*-}D^{*+}\bar{D}^{*-})$	32542	31891	1	39236
32544	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0\eta_c(2S), \bar{B}^0 \to \rho^0\rho^+\bar{K}^0D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0D^-\eta_c(2S))$	32543	31892	1	39237
32545	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^-\bar{K}^*D^-D^{*+}D_{s1}'^+)$	32544	31893	1	39238
32546	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-n\bar{n}, \bar{B}^0 \to \rho^0K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0K^-D^-D^{*+}n\bar{n})$	32545	31894	1	39239
32547	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^-\omega D^+D^+D_s^-)$	32546	31895	1	39240
32548	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to \pi^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\omega K^-D^-D^{*0})$	32547	31896	1	39241
32549	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^-\omega\omega D^+D^0n\bar{n})$	32548	31897	1	39242
32550	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega D^-\bar{n}p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^-D^{*0}\bar{n}p)$	32549	31898	1	39243
32551	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0K^0, \bar{B}^0 \to \pi^+\omega\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0\bar{D}^{*-}D^{*0})$	32550	31899	1	39244
32552	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^-K^{*+}D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^-K^{*+}D^{*+}D_0^{*+})$	32551	31900	1	39245
32553	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-})$	32552	22660	1	39246
32554	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\eta'\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^-\rho^+\rho^+\eta'D^{*+}\bar{D}^{*-}D_s^{*-})$	32553	31901	1	39247
32555	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-, \bar{B}^0 \to \rho^0\rho^0K^+K^{*-}$ $(e^+e^- \to \rho^0\rho^0K^+K^+K^{*-}D^-)$	32554	31902	1	39248

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32556	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\rho^-\omega\omega D^0$ $(e^+e^- \to \pi^+\rho^-\omega\omega D^{*+}D^0a_1^-)$	32555	31903	1	39249
32557	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^{*+}\bar{D}^0D^{*0}n\bar{p})$	32556	31904	1	39250
32558	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}\phi\eta_c, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^0K^{*+}\phi D^{*+}\bar{D}^{*-}\eta_c)$	32557	31905	1	39251
32559	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-}a_1^-)$	32558	31906	1	39252
32560	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Delta^+\bar{\Sigma}^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^0D_s^{*-}\Delta^+\bar{\Sigma}^-)$	32559	31907	1	39253
32561	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{D}^0, \bar{B}^0 \to K^*K^{*-}D^{*+}$ $(e^+e^- \to \pi^+\pi^-\eta K^*K^{*-}D^{*+}\bar{D}^0)$	32560	31908	1	39254
32562	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^0D^{*+}n\bar{p}$ $(e^+e^- \to \pi^0\pi^0D^+D^{*+}D_s^{*-}n\bar{p}\gamma)$	32561	31909	1	39255
32563	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+D_1'^-, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}D_1'^-)$	32562	31910	1	39256
32564	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*+})$	32563	1893	1	39257
32565	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\eta\eta D^-, \bar{B}^0 \to D^0\Delta^0\bar{\Delta}^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\eta D^-D^0\Delta^0\bar{\Delta}^0)$	32564	31911	1	39258
32566	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \pi^0D^{*+}\bar{D}^0D_{s1}'^-)$	32565	31912	1	39259
32567	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^+D^{*+}\bar{D}^{*-})$	32566	31913	1	39260
32568	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+K^+K^-\bar{D}^{*-}, B^0 \to \rho^0\pi^+\rho^-\eta K^+K^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^+K^+K^-K^-\bar{D}^{*-})$	32567	31914	1	39261
32569	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-K^*K^+K^-D^{*+}J/\psi)$	32568	31915	1	39262
32570	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\bar{K}^*J/\psi$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^*J/\psi D_1^-)$	32569	31916	1	39263
32571	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*0}\bar{p}\Delta^+)$	32570	31917	1	39264
32572	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\bar{p}\Delta^+, \bar{B}^0 \to \rho^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \rho^-\bar{D}^{*0}\bar{\Delta}^0\bar{p}\Delta^+\Sigma_c^{*+})$	32571	31918	1	39265

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32573	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}D_s^{*-})$	32572	31919	1	39266
32574	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-K^{*+}\eta_c, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+K^{*+}D^{*+}\eta_c)$	32573	31920	1	39267
32575	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+\bar{K}^0K^+K^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\bar{K}^0K^+K^-D^-D^{*+})$	32574	31921	1	39268
32576	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}D_s^{*+})$	32575	31922	1	39269
32577	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0D^+D^-)$	32576	5820	1	39270
32578	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\omega D^{*+}D^{*+})$	32577	31923	1	39271
32579	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \omega D^{*+}\bar{D}^0D_s^{*-})$	32578	31924	1	39272
32580	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^-\bar{K}^0K^*K^*D^+D^{*+}\bar{D}^{*-})$	32579	31925	1	39273
32581	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\pi^+\pi^-K^-D_s^+$ $(e^+e^- \to \pi^0\pi^+\pi^-K^-\bar{D}^{*-}D_s^+\bar{\Delta}^-\Delta^0)$	32580	31926	1	39274
32582	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\omega D^-, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-D_2^{*+}D_s^-)$	32581	31927	1	39275
32583	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0D^-D_s^+, B^0 \to \pi^+\pi^-\rho^+D^-$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D^-D_s^+)$	32582	31928	1	39276
32584	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^0\bar{D}^0, \bar{B}^0 \to K^+K^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^-K^+K^+K^-K^{*-}D^{*+}D^0\bar{D}^0)$	32583	31929	1	39277
32585	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-K^0K^0\bar{K}^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0K^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-})$	32584	31930	1	39278
32586	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^0\pi^+\rho^+\rho^-\rho^-\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\bar{K}^0D^-D^0D_s^+)$	32585	31931	1	39279
32587	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to K^{*-}D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^{*-}D^-D^{*+}n\bar{n})$	32586	31932	1	39280
32588	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \eta D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^-D^{*+}D_s^{*-})$	32587	31933	1	39281
32589	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0D^+\bar{D}^{*-})$	32588	31934	1	39282

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32590	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^- D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}D^{*+})$	32589	31935	1	39283
32591	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0 D^{*+} n\bar{p}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta D^- D^{*+} n\bar{p})$	32590	31936	1	39284
32592	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- D^-, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^+\rho^+\rho^- K^{*-} D^+ D^- \bar{D}^{*0})$	32591	31937	1	39285
32593	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^{*+} D_2^{*-})$	32592	31938	1	39286
32594	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S J/\psi, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+$ $(e^+e^- \to e^-\bar{\nu}_e\eta K_S D^+ J/\psi)$	32593	31939	1	39287
32595	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^{*+}\bar{D}^{*-}, B^0 \to \pi^+\pi^+\pi^-\bar{D}^{*-} n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^- K^{*+}\bar{D}^{*-}\bar{D}^{*-} n\bar{n})$	32594	31940	1	39288
32596	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0 D^+\bar{D}^{*0}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\bar{K}^0 D^+\bar{D}^{*0} D_1^-)$	32595	31941	1	39289
32597	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^+ p\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^+\bar{D}^{*-} p\bar{\Delta}^{++})$	32596	31942	1	39290
32598	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^- D_1'^+)$	32597	31943	1	39291
32599	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \rho^- D^{*+}$ $(e^+e^- \to \rho^- D^- D^{*+}\bar{\Sigma}^+\Sigma^0)$	32598	31944	1	39292
32600	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^- D^{*+}\bar{D}^{*0})$	32599	31945	1	39293
32601	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0\eta_c$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0\bar{D}^{*-}\eta_c)$	32600	31946	1	39294
32602	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{K}^0 K^* D^-, \bar{B}^0 \to K^0 K^+ K^- K^- D^+$ $(e^+e^- \to \pi^0\pi^+ K^0\bar{K}^0 K^* K^+ K^- K^- D^+ D^-)$	32601	31947	1	39295
32603	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D_s^+ D_s^{*-}, \bar{B}^0 \to D^{*0}\Lambda\bar{\Sigma}^{*0}$ $(e^+e^- \to K^0 D^{*0} D_s^+ D_s^{*-}\Lambda\bar{\Sigma}^{*0})$	32602	31948	1	39296
32604	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to \pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-} D_s^{*+})$	32603	31949	1	39297
32605	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	32604	29321	1	39298
32606	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0 D^{*+}\bar{p}\Lambda$ $(e^+e^- \to e^+\nu_e K^0 D^{*+}\bar{D}^{*-}\bar{p}\Lambda)$	32605	31950	1	39299

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32607	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^-K^{*+}, \bar{B}^0 \to \rho^-D^{*+}\gamma$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-K^{*+}D^{*+}\gamma)$	32606	31951	1	39300
32608	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^{*-}\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e K^{*-}D^-\bar{\Delta}^+\Sigma_c^{++})$	32607	31952	1	39301
32609	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\rho^-\omega K^0D^{*+}\bar{D}^0D^{*0})$	32608	31953	1	39302
32610	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\pi^+\omega K^-D^-D^{*+}\bar{D}^{*0})$	32609	31954	1	39303
32611	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to \pi^-D^{*+}\Sigma^+\bar{\Sigma}^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+}\Sigma^+\bar{\Sigma}^-)$	32610	31955	1	39304
32612	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Xi_c'^+$ $(e^+e^- \to \pi^-\omega\bar{K}^*K^{*+}\bar{D}^{*-}\bar{n}\Xi_c'^+)$	32611	31956	1	39305
32613	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-})$	32612	31957	1	39306
32614	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^-K^+D^+\bar{D}^0D^{*0}\Delta^0\bar{\Delta}^+)$	32613	31958	1	39307
32615	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to K_2^{*0}J/\psi$ $(e^+e^- \to \pi^+K_2^{*0}J/\psi\Delta^0\bar{\Xi}_c^{*-})$	32614	31959	1	39308
32616	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0})$	32615	31960	1	39309
32617	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}^+, \bar{B}^0 \to \pi^+K^0K^-D^+D_s^{*-}$ $(e^+e^- \to \pi^+K^0K^-D^+\bar{D}^{*-}D_s^{*-}D_{s1}^+)$	32616	31961	1	39310
32618	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\phi\bar{D}^0D_s^{*+}, \bar{B}^0 \to \rho^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\phi D^+\bar{D}^0D_s^{*+})$	32617	31962	1	39311
32619	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	32618	31963	1	39312
32620	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega D^+D^-)$	32619	1967	1	39313
32621	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^-K^+K^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta K^+K^-D^-D^{*+})$	32620	31964	1	39314
32622	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0)$	32621	31965	1	39315
32623	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{K}^*K^+D^-, \bar{B}^0 \to \rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega\bar{K}^*K^+D^-D^{*+})$	32622	31966	1	39316

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32624	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to \eta K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta K^0K^{*-}D^-D^{*+})$	32623	31967	1	39317
32625	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\rho^+\eta K^+K^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta K^+K^{*-}\bar{D}^{*-})$	32624	31968	1	39318
32626	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+K^0D^+\bar{\Delta}^{++}\Lambda$ $(e^+e^- \to \pi^0\pi^+K^0K^*D^+D^-D^{*+}\bar{\Delta}^{++}\Lambda)$	32625	31969	1	39319
32627	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^{*+}\Delta^+\bar{\Sigma}_c^{--})$	32626	31970	1	39320
32628	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-})$	32627	31971	1	39321
32629	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}\Delta^-\bar{\Delta}^0)$	32628	31972	1	39322
32630	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{K}^0K^+K^-D^+\bar{D}^{*-})$	32629	31973	1	39323
32631	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^-)$	32630	31974	1	39324
32632	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^0\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0\eta'D^+\bar{D}^{*-})$	32631	31975	1	39325
32633	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\Delta^+\bar{\Xi}_c'^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega\bar{K}^0D^{*+}\Delta^+\bar{\Xi}_c'^-)$	32632	31976	1	39326
32634	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to K_L\eta_c$ $(e^+e^- \to K_L\pi^+\pi^-\bar{D}^{*0}\eta_c)$	32633	31977	1	39327
32635	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-K^+K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-K^+K^{*-}D^{*+}D_1'^-)$	32634	31978	1	39328
32636	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\omega K^0K^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega K^0K^-D^-D^{*+})$	32635	31979	1	39329
32637	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0K^+D_s^-, \bar{B}^0 \to \rho^0D^+n\bar{p}$ $(e^+e^- \to \pi^0\rho^0\rho^0K^+D^+D_s^-n\bar{p})$	32636	31980	1	39330
32638	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0\bar{K}^0K^+D^-D^0\bar{D}^0)$	32637	31981	1	39331
32639	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_SJ/\psi, B^0 \to \pi^0\rho^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta K_SD^-J/\psi)$	32638	31982	1	39332
32640	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega f_0(980), \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to \omega D^{*+}a_1^-f_0(980))$	32639	31983	1	39333

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32641	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \rho^-\eta D^{*+}n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-\eta D^-D^{*+}n\bar{n})$	32640	31984	1	39334
32642	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-D^-D^{*+})$	32641	31985	1	39335
32643	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_s^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^{*+}D_s^-)$	32642	8565	1	39336
32644	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to \rho^0\bar{n}\Sigma_c^0$ $(e^+e^- \to \rho^0D^+\bar{n}\Sigma_c^0a_1^-)$	32643	31986	1	39337
32645	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0K^0K^{*-}D^+$ $(e^+e^- \to \pi^0K^0K^+K^{*-}D^+\bar{D}^{*-}D^{*0})$	32644	31987	1	39338
32646	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^*K^{*+}D^{*+}\bar{D}^{*-}D^0)$	32645	31988	1	39339
32647	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \pi^+\eta\omega\bar{K}^0D^-$ $(e^+e^- \to \pi^+\eta\omega\bar{K}^0D^-\bar{D}^{*0}n\bar{n})$	32646	31989	1	39340
32648	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \pi^+\rho^-D_s^+D_s^-$ $(e^+e^- \to \pi^+\rho^-D^{*+}D_s^+D_s^-a_1^-)$	32647	31990	1	39341
32649	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0D^+D^{*+}\bar{D}^{*-})$	32648	31991	1	39342
32650	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+)$	32649	31992	1	39343
32651	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\omega\bar{D}^{*-}, B^0 \to \pi^0\rho^+D^-p\bar{p}$ $(e^+e^- \to \pi^0\rho^+\rho^+\omega D^-\bar{D}^{*-}p\bar{p})$	32650	31993	1	39344
32652	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to K^{*+}D^-D^{*0}$ $(e^+e^- \to \pi^+\eta K^{*+}D^-\bar{D}^{*-}D^{*0})$	32651	31994	1	39345
32653	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\bar{D}^{*-}D_1^+)$	32652	31995	1	39346
32654	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+D^-, B^0 \to \pi^0\pi^+\pi^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^0)$	32653	31996	1	39347
32655	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\omega K^*D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^+\omega K^*D^-D^{*+})$	32654	31997	1	39348
32656	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^+K^0\bar{K}^0\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+K^0\bar{K}^0D^-\bar{D}^{*-})$	32655	31998	1	39349
32657	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0K^-K^{*+}D^+\bar{D}^{*-}D^{*0})$	32656	31999	1	39350

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32658	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}, B^0 \to \pi^-K^{*+}J/\psi$ $(e^+e^- \to \pi^0\pi^-\rho^+K^{*+}\bar{D}^{*-}J/\psi)$	32657	32000	1	39351
32659	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\bar{D}^0, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta' D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\eta' D^+\bar{D}^0)$	32658	32001	1	39352
32660	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\omega\bar{K}^0K^+D^-, \bar{B}^0 \to \rho^0\rho^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^-\omega\omega\bar{K}^0K^+D^+D^-)$	32659	32002	1	39353
32661	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^+\pi^-K^0K^-D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+K^0K^-D^+\bar{D}^{*-}p\bar{p})$	32660	32003	1	39354
32662	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-\bar{D}^0D_s^+, B^0 \to \bar{K}^*K^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\bar{K}^*K^+\bar{D}^{*-}\bar{D}^0D_s^+)$	32661	32004	1	39355
32663	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+D^-\bar{p}\Lambda, \bar{B}^0 \to \omega K^*K^-D^{*+}$ $(e^+e^- \to \pi^+\omega K^*K^+K^-D^-D^{*+}\bar{p}\Lambda)$	32662	32005	1	39356
32664	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+\eta K^-D^-$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+\eta K^-D^-\bar{D}^{*-})$	32663	32006	1	39357
32665	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^+, \bar{B}^0 \to \pi^-D^+n\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-\pi^-D^+D^-D_s^+n\bar{\Delta}^0)$	32664	32007	1	39358
32666	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+})$	32665	32008	1	39359
32667	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}\bar{p}\Delta^+)$	32666	32009	1	39360
32668	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \omega K^+D^-D^{*+}D_s^-)$	32667	32010	1	39361
32669	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-D^-, \bar{B}^0 \to D^{*+}\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}\Delta^-\bar{\Delta}^0)$	32668	32011	1	39362
32670	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^-D^{*+})$	32669	32012	1	39363
32671	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}\bar{D}^{*-})$	32670	32013	1	39364
32672	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \rho^-K^0D^-D^{*+}D_2^{*+})$	32671	32014	1	39365
32673	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^-D^{*+}D^{*+})$	32672	32015	1	39366
32674	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^-K^{*+}\phi D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+K^-K^{*+}\phi D^-D^{*+})$	32673	32016	1	39367

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32675	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^{*+}, B^0 \to \pi^+\pi^+\pi^-K^+K^{*-}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-K^+K^{*-}D^-\bar{D}^{*-}D_s^{*+})$	32674	32017	1	39368
32676	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}n\bar{n}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^0$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}D^0n\bar{n})$	32675	32018	1	39369
32677	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-\bar{\Sigma}^+\Sigma^0, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0D^-D^{*+}\bar{\Sigma}^+\Sigma^0)$	32676	32019	1	39370
32678	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^-\bar{n}\Sigma_c^+$ $(e^+e^- \to \rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+D_{s1}'^+)$	32677	32020	1	39371
32679	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^*\bar{K}^*K^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^*\bar{K}^*K^+D^-)$	32678	32021	1	39372
32680	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to K^0D^-D^{*+}\bar{D}^{*-}D_s^+)$	32679	32022	1	39373
32681	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^0K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0K^0K^-D^{*+}\bar{D}^{*-})$	32680	32023	1	39374
32682	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-D^{*+}D_2^{*-}D_s^+)$	32681	32024	1	39375
32683	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta D^-, \bar{B}^0 \to K^0K^{*-}D^+$ $(e^+e^- \to \rho^+\eta K^0K^{*-}D^+D^-)$	32682	32025	1	39376
32684	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^+K^{*-}D^-D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^{*-}D^-D^{*+}D^0)$	32683	32026	1	39377
32685	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	32684	32027	1	39378
32686	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-\omega\bar{D}^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*0})$	32685	32028	1	39379
32687	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*0})$	32686	32029	1	39380
32688	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-})$	32687	32030	1	39381
32689	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \bar{K}^*K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^-D^{*+}D_1^+)$	32688	32031	1	39382
32690	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to \pi^+\pi^-D^+\bar{D}^0\Delta^-\bar{\Delta}^0)$	32689	32032	1	39383
32691	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^+D_{s0}^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-D^+\bar{D}^{*-}D_{s0}^{*-})$	32690	32033	1	39384

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32692	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Sigma_c^{*0}, \bar{B}^0 \to \pi^0\eta D^{*0}p\bar{p}$ $(e^+e^- \to \pi^0\pi^+\eta D^{*0}p\bar{p}\bar{\Delta}^+\Sigma_c^{*0})$	32691	32034	1	39385
32693	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \pi^+D^0D_s^-$ $(e^+e^- \to e^+\nu_e\pi^+D_2^{*-}D^0D_s^-)$	32692	32035	1	39386
32694	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0n\bar{n}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^0n\bar{n})$	32693	32036	1	39387
32695	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\omega D^+D^+)$	32694	32037	1	39388
32696	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-})$	32695	6123	1	39389
32697	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+})$	32696	32038	1	39390
32698	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{B}^0 \to \rho^0\rho^0\rho^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^-D^+D_1^+)$	32697	32039	1	39391
32699	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \rho^-D_2^{*+}$ $(e^+e^- \to \pi^+\rho^-D_2^{*+}\Delta^0\bar{\Lambda}_c^-)$	32698	32040	1	39392
32700	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+\eta D^-D^{*+})$	32699	32041	1	39393
32701	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^+K^{*-}\bar{D}^0D^{*0}$ $(e^+e^- \to \pi^+K^{*-}D_2^{*-}\bar{D}^0D^{*0}D_s^{*+})$	32700	32042	1	39394
32702	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega\bar{K}^0\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-K^0K^-\phi$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^0K^-\phi\bar{D}^0D^{*0})$	32701	32043	1	39395
32703	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to D_s^-D_1^+$ $(e^+e^- \to \mu^+\nu_\mu D^-D_s^-D_1^+)$	32702	32044	1	39396
32704	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^*D^+\bar{D}^{*-}\Delta^0\bar{\Lambda}_c^-)$	32703	32045	1	39397
32705	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\rho^+\rho^-\eta D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\rho^+\rho^-\eta D^-D^-)$	32704	32046	1	39398
32706	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}\bar{n}p)$	32705	32047	1	39399
32707	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^0\bar{D}^0D_s^-)$	32706	32048	1	39400
32708	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++})$	32707	32049	1	39401

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32709	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^{*+} D^- D^0, \bar{B}^0 \to \rho^- \omega \eta' D^{*+}$ $(e^+e^- \to \rho^- \eta \omega K^{*+} \eta' D^- D^{*+} D^0)$	32708	32050	1	39402
32710	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^+ \omega K^0 K^{*-} K^{*-} D_s^+$ $(e^+e^- \to e^+\nu_e \pi^+ \omega K^0 K^{*-} K^{*-} D_s^+ D_1^-)$	32709	32051	1	39403
32711	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^+ \eta \bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_{s1}'^-$ $(e^+e^- \to \pi^0 \rho^+ \eta D^{*+} \bar{D}^{*-} D_{s1}'^-)$	32710	32052	1	39404
32712	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^+ \eta D^-, \bar{B}^0 \to \pi^0 \pi^0 \pi^0 \pi^- \omega D^{*+}$ $(e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \eta \omega D^- D^{*+})$	32711	32053	1	39405
32713	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^0 \pi^+ \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^0 \pi^- D^+$ $(e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- D^+ \bar{D}^{*-})$	32712	16720	1	39406
32714	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^+ \pi^- \omega K^0 \bar{K}^* \bar{K}^* \bar{D}^0$ $(e^+e^- \to e^+\nu_e \pi^+ \pi^- \omega K^0 \bar{K}^* \bar{K}^* \bar{D}^{*-} \bar{D}^0)$	32713	32054	1	39407
32715	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D_2^{*+}, \bar{B}^0 \to \pi^+ D^0 D_s^-$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \pi^+ D_2^{*+} D^0 D_s^-)$	32714	32055	1	39408
32716	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+ \nu_\tau D^-, B^0 \to \pi^+ \rho^+ \rho^- \bar{D}^{*-}$ $(e^+e^- \to \tau^+ \nu_\tau \pi^+ \rho^+ \rho^- D^- \bar{D}^{*-})$	32715	32056	1	39409
32717	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^0 \pi^- \rho^+ \bar{K}^0 K^+ D^-, \bar{B}^0 \to e^- \bar{\nu}_e D_1'^+$ $(e^+e^- \to e^- \bar{\nu}_e \pi^0 \rho^0 \pi^- \rho^+ \bar{K}^0 K^+ D^- D_1'^+)$	32716	32057	1	39410
32718	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 \pi^+ \pi^- K^* \phi \bar{D}^{*0}, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \rho^0 \pi^+ \pi^- K^* \phi D^+ \bar{D}^{*0})$	32717	32058	1	39411
32719	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^+ \pi^+ \rho^- \rho^- \bar{D}^0, \bar{B}^0 \to D_s^{*-} D_1'^+$ $(e^+e^- \to \pi^0 \pi^+ \pi^+ \rho^- \rho^- \bar{D}^0 D_s^{*-} D_1'^+)$	32718	32059	1	39412
32720	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^+ \pi^- \rho^- K^{*+}, \bar{B}^0 \to \pi^+ \pi^- \rho^+ \rho^- D^{*0}$ $(e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ \rho^- \rho^- K^{*+} D^{*0})$	32719	32060	1	39413
32721	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \pi^0 \pi^0 \pi^0 \pi^- D^{*+}$ $(e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^- D^{*+} \bar{D}^{*-} D_s^+)$	32720	32061	1	39414
32722	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0 \pi^0 \pi^+ K^0 \bar{K}^* K^- D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0 \pi^0 \pi^+ K^0 \bar{K}^* K^- D^{*0} D_1^-)$	32721	32062	1	39415
32723	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_2^{*-}, \bar{B}^0 \to \rho^0 \rho^0 \pi^- D^{*+}$ $(e^+e^- \to \rho^0 \rho^0 \pi^- \rho^+ D^{*+} D_2^{*-})$	32722	32063	1	39416
32724	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to D^+ D_2^{*-} D_s^- D_s^{*+})$	32723	32064	1	39417
32725	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \rho^- \omega K^0 \bar{K}^0 D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu \pi^0 \rho^- \omega K^0 \bar{K}^0 D^{*+} \bar{D}^{*-})$	32724	32065	1	39418

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32726	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+\rho^-D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^0)$	32725	32066	1	39419
32727	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\bar{n}\Xi_c^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0D^{*0}\bar{n}\Xi_c^+)$	32726	32067	1	39420
32728	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}\bar{\Xi}^+\Xi^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\omega D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0\bar{\Xi}^+\Xi^0)$	32727	32068	1	39421
32729	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^-D^{*+})$	32728	32069	1	39422
32730	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}\bar{\Sigma}^+\Xi^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to K^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^+\Xi^-)$	32729	32070	1	39423
32731	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\bar{\Lambda}\Sigma_c^0, \bar{B}^0 \to \rho^+\omega K^0\bar{K}^*K^-$ $(e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^*K^-\bar{\Lambda}\Sigma_c^0)$	32730	32071	1	39424
32732	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \pi^0\pi^+K^-D_s^+D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-D^-D_s^+D_s^{*-})$	32731	32072	1	39425
32733	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+\bar{D}^0, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^-K^0D^+D_2^{*+}\bar{D}^0D_s^-)$	32732	32073	1	39426
32734	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-, \bar{B}^0 \to \pi^0\rho^-\omega K^0\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\omega K^0\bar{K}^*D^+D^-)$	32733	32074	1	39427
32735	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^+\rho^-D^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-K^0D^-D^{*0}D^{*0})$	32734	32075	1	39428
32736	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}n\bar{n}, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*0}n\bar{n})$	32735	32076	1	39429
32737	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega D^-\bar{D}^{*-}D_s^+)$	32736	32077	1	39430
32738	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+a_1^-, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to D^+D_2^{*+}D_s^{*-}a_1^-)$	32737	32078	1	39431
32739	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0K^0J/\psi, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+K^0D^0D_s^{*-}J/\psi)$	32738	32079	1	39432
32740	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0})$	32739	32080	1	39433
32741	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^{*-}D^{*+}D^{*+}\bar{D}^{*0}D_{s0}^{*-})$	32740	32081	1	39434
32742	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\pi^-\omega D^+D^-D_{s0}^{*+})$	32741	32082	1	39435

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32743	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^0 D^- D^{*+}, \bar{B}^0 \to \bar{K}^* \bar{\Lambda}\Sigma_c^0$ $(e^+e^- \to \pi^0 K^0 \bar{K}^* D^- D^{*+} \bar{\Lambda}\Sigma_c^0)$	32742	32083	1	39436
32744	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}D^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*+}\bar{D}^{*-}D^0)$	32743	32084	1	39437
32745	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\rho^+ D^{*+}\bar{D}^{*-})$	32744	32085	1	39438
32746	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\eta\bar{D}^{*-}, B^0 \to \pi^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}\Delta^+\bar{\Delta}^+)$	32745	32086	1	39439
32747	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^{*-}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+ D^+ D_s^{*-})$	32746	32087	1	39440
32748	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{K}^* K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+} n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-} n\bar{n})$	32747	32088	1	39441
32749	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^+\bar{D}^{*-}p\bar{p})$	32748	32089	1	39442
32750	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^-\eta\eta' D^+$ $(e^+e^- \to \pi^-\eta\bar{K}^* K^+\eta' D^+ D^-)$	32749	32090	1	39443
32751	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^+ D^- \bar{n}\Lambda, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-} n\bar{n}$ $(e^+e^- \to \pi^+\pi^+\pi^-\omega K^+ D^-\bar{D}^{*-} n\bar{n}\bar{n}\Lambda)$	32750	32091	1	39444
32752	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 p\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0 D^{*+} p\bar{\Sigma}_c^-)$	32751	32092	1	39445
32753	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\rho^-\eta K^+ D^{*+}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^-\eta\eta K^+ D^+ D^{*+})$	32752	32093	1	39446
32754	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\omega K^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^- D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0 D^+\bar{D}^{*0})$	32753	32094	1	39447
32755	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to \rho^- D^+$ $(e^+e^- \to \pi^-\rho^- D^+\bar{D}^0 D_s^+)$	32754	32095	1	39448
32756	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-})$	32755	3684	1	39449
32757	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^- K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{p}\Xi_c'^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^0\bar{K}^0\bar{D}^{*-}\bar{p}\Xi_c'^+)$	32756	32096	1	39450
32758	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Sigma}_c^-, \bar{B}^0 \to \bar{K}^* J/\psi$ $(e^+e^- \to \pi^+\bar{K}^* J/\psi\Delta^0\bar{\Sigma}_c^-)$	32757	32097	1	39451
32759	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0 K^{*+} D^-, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0 K^{*+} D^- D^{*+})$	32758	32098	1	39452

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32760	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*0}n\bar{\Sigma}^0, B^0 \to \bar{D}^{*0}\bar{n}\Delta^0$ $(e^+e^- \to \bar{D}^{*0}\bar{D}^{*0}n\bar{n}\Delta^0\bar{\Sigma}^0)$	32759	32099	1	39453
32761	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta n\bar{\Xi}_c'^0, \bar{B}^0 \to \pi^0\rho^-\eta D^+\gamma\gamma$ $(e^+e^- \to \pi^0\rho^-\eta\eta D^+n\bar{\Xi}_c'^0\gamma\gamma)$	32760	32100	1	39454
32762	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^0\bar{n}\Xi_c'^0$ $(e^+e^- \to e^+\nu_eK^0\bar{D}^{*-}\bar{n}\Xi_c'^0)$	32761	32101	1	39455
32763	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^+D^-)$	32762	32102	1	39456
32764	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}n\bar{n}, B^0 \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-D^-\bar{D}^{*-}n\bar{n})$	32763	32103	1	39457
32765	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-})$	32764	32104	1	39458
32766	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega\omega D^{*+}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\omega\omega D^{*+}D^{*+})$	32765	32105	1	39459
32767	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_0^{*+}a_1^-)$	32766	32106	1	39460
32768	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0K^*D^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\rho^-\omega K^+D^-$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega K^*K^+D^+D^-\bar{D}^{*-})$	32767	32107	1	39461
32769	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^0K^-D^-D^{*+}D^{*0})$	32768	32108	1	39462
32770	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^0\bar{K}^*\phi D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0\bar{K}^*\phi D^+\bar{D}^{*-})$	32769	32109	1	39463
32771	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*D^+D^-, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta K^*D^+D^-\bar{D}^{*-})$	32770	32110	1	39464
32772	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1'^-, \bar{B}^0 \to \pi^+K^-\chi_{c1}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D_1'^-\chi_{c1})$	32771	32111	1	39465
32773	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*0})$	32772	32112	1	39466
32774	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0D^-p\bar{\Lambda}, \bar{B}^0 \to \bar{K}^0D^-D^{*+}$ $(e^+e^- \to \eta\bar{K}^0\bar{K}^0D^-D^-D^{*+}p\bar{\Lambda})$	32773	32113	1	39467
32775	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^{*0}\bar{\Sigma}^-$ $(e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^-)$	32774	32114	1	39468
32776	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \phi D^+D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\phi D^+D^+D_s^{*-})$	32775	32115	1	39469

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32777	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{K}^0K^*D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^-D^{*+})$	32776	32116	1	39470
32778	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0)$	32777	32117	1	39471
32779	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0p\bar{\Sigma}_c^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0D^{*+}p\bar{\Sigma}_c^-)$	32778	32118	1	39472
32780	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^*J/\psi, B^0 \to e^+\nu_e\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_eK^*\bar{D}^{*-}J/\psi)$	32779	32119	1	39473
32781	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_1^+, \bar{B}^0 \to \pi^+\pi^-\pi^-\rho^+\omega\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^*D^{*0}D_1^+)$	32780	32120	1	39474
32782	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\eta\bar{K}^*D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\eta\eta\bar{K}^*D^+\bar{D}^{*-})$	32781	32121	1	39475
32783	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}\Delta^-\bar{n})$	32782	32122	1	39476
32784	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^+D^-, B^0 \to \pi^0\pi^+\pi^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0D^+D^-D^-)$	32783	32123	1	39477
32785	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\eta'D^-, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^+\eta'D^-D^{*+}D_{s0}^{*-})$	32784	32124	1	39478
32786	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}, \bar{B}^0 \to \pi^0\pi^+\rho^-K^0K^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^0K^-D^+D^{*+})$	32785	32125	1	39479
32787	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^+\bar{D}^{*-})$	32786	32126	1	39480
32788	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-})$	32787	32127	1	39481
32789	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D_2^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+D_2^{*-})$	32788	32128	1	39482
32790	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D_s^-D_s^{*+}, \bar{B}^0 \to \rho^0D^+n\bar{p}$ $(e^+e^- \to \rho^0K^0D^+D_s^-D_s^{*+}n\bar{p})$	32789	32129	1	39483
32791	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\eta\omega D^-D_1^+)$	32790	32130	1	39484
32792	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \pi^0\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-D^+D_1^-)$	32791	32131	1	39485
32793	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^-\pi^-\bar{K}^0K^{*+}D^+$ $(e^+e^- \to \pi^-\pi^-\eta\bar{K}^0K^{*+}D^+\Delta^+\bar{\Sigma}_c^{*-})$	32792	32132	1	39486

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32794	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^+\bar{\Sigma}_c^-, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-D^-\Delta^+\bar{\Sigma}_c^-)$	32793	32133	1	39487
32795	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^*K^+D^-, B^0 \to \tau^+\nu_\tau D_1^-\gamma$ $(e^+e^- \to \tau^+\nu_\tau\bar{K}^*K^+D^-D_1^-\gamma)$	32794	32134	1	39488
32796	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^-D^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0K^-\bar{D}^{*-}D^{*0})$	32795	32135	1	39489
32797	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\bar{D}^{*-}D_1^+)$	32796	32136	1	39490
32798	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^+\bar{D}^{*-}\gamma)$	32797	8981	1	39491
32799	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^*\gamma$ $(e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-}\gamma)$	32798	32137	1	39492
32800	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^*\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^-\eta\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\bar{K}^0K^*D^+\bar{D}^{*-}\bar{n}p)$	32799	32138	1	39493
32801	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta'\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^0K^*\eta'D^{*+}\bar{D}^{*-})$	32800	32139	1	39494
32802	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0D^+\Delta^+\bar{\Delta}^{++}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^+D^{*0}\Delta^+\bar{\Delta}^{++})$	32801	32140	1	39495
32803	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \pi^+\pi^-\omega\omega$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^-)$	32802	32141	1	39496
32804	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_S\eta', \bar{B}^0 \to D^+D_s^-$ $(e^+e^- \to K_S\eta'D^+D_s^-)$	32803	32142	1	39497
32805	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^0\phi D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0\bar{K}^0\phi D^+\bar{D}^{*-})$	32804	32143	1	39498
32806	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0\phi D^+\bar{D}^{*-})$	32805	32144	1	39499
32807	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^-\eta'D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\rho^-\eta'D^+D^+D_{s1}'^-)$	32806	32145	1	39500
32808	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^{*+}D_2^{*-}D_s^+)$	32807	32146	1	39501
32809	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-\bar{n}\Xi_c'^+$ $(e^+e^- \to e^+\nu_e\rho^-D^-\bar{n}\Xi_c'^+)$	32808	32147	1	39502
32810	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^-K^+\eta_c, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^+\bar{D}^{*-}\eta_c)$	32809	32148	1	39503

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32811	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\eta K^*\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^+\pi^-\eta\eta K^*D^{*+}\bar{D}^{*0}D_s^-)$	32810	32149	1	39504
32812	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\Lambda_c^+\bar{\Lambda}_c^-, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K^0D^{*+}\Lambda_c^+\bar{\Lambda}_c^-a_1^-)$	32811	32150	1	39505
32813	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D_1^-, B^0 \to K^*D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu K^*D^+D^-D_1^-)$	32812	32151	1	39506
32814	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-\rho^+\eta D^-D^{*+}D_s^{*-})$	32813	32152	1	39507
32815	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+})$	32814	32153	1	39508
32816	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^+, \bar{B}^0 \to \pi^-\rho^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^+n\bar{p})$	32815	32154	1	39509
32817	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*0})$	32816	32155	1	39510
32818	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \bar{K}^0J/\psi$ $(e^+e^- \to \pi^-\bar{K}^0K^{*+}J/\psi J/\psi)$	32817	32156	1	39511
32819	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^-\bar{D}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\rho^+K^-\bar{D}^{*-}\bar{D}^0D^{*0})$	32818	32157	1	39512
32820	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \rho^-\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^+\rho^-\eta\eta D^+D^-)$	32819	3372	1	39513
32821	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-D^-D_s^{*+}, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*D^-\bar{D}^{*-}D^0D_s^{*+})$	32820	32158	1	39514
32822	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\rho^-\bar{K}^*K^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++})$	32821	32159	1	39515
32823	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^{*0}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^{*+}D^0\bar{D}^{*0})$	32822	32160	1	39516
32824	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-K^+D^0\bar{D}^0, \bar{B}^0 \to \pi^-\bar{K}^0D^+\Delta^+\bar{\Sigma}^{*-}$ $(e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^+D^0\bar{D}^0\Delta^+\bar{\Sigma}^{*-})$	32823	32161	1	39517
32825	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\rho^0\pi^+\omega D^-, B^0 \to \pi^0\pi^+\rho^+\rho^-\rho^-\bar{D}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-\bar{D}^0)$	32824	32162	1	39518
32826	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^+$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\pi^-D^+D^-)$	32825	32163	1	39519
32827	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to D^+\bar{\Sigma}^{*0}\Xi^{*-}$ $(e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi^{*-})$	32826	32164	1	39520

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32828	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e X_u^+$ $(e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\pi^0\pi^+\eta\bar{D}^{*-})$	32827	32165	1	39521
32829	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^*\bar{K}^*D_s^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}D_s^{*+}a_1^+)$	32828	32166	1	39522
32830	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to e^+\nu_e\rho^0\rho^-D^+D_2^{*-})$	32829	32167	1	39523
32831	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	32830	32168	1	39524
32832	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D_2^{*-}D_s^+, B^0 \to \pi^-K^{*+}D^-D^{*+}$ $(e^+e^- \to \pi^-K^{*+}D^-D^{*+}D_2^{*-}D_s^+)$	32831	32169	1	39525
32833	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*0})$	32832	32170	1	39526
32834	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^0, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^+\eta\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^0)$	32833	32171	1	39527
32835	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \tau^+\nu_\tau D^-, B^0 \to \pi^+\eta K^+K^-D^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^+\eta K^+K^-D^-D^-)$	32834	32172	1	39528
32836	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta K^-K^{*+}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-})$	32835	32173	1	39529
32837	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}n\bar{n})$	32836	32174	1	39530
32838	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\bar{D}^{*-})$	32837	32175	1	39531
32839	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_{s0}^{*-}$ $(e^+e^- \to \pi^0\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_{s0}^{*-})$	32838	32176	1	39532
32840	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^0\rho^-D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-D^+D^+)$	32839	32177	1	39533
32841	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^+D^+)$	32840	32178	1	39534
32842	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0\bar{K}^0D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0\bar{K}^0D^+D^-)$	32841	32179	1	39535
32843	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\omega K^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega K^+D^-\bar{D}^{*0})$	32842	32180	1	39536
32844	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+K^*K^-\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^*K^-D^+\bar{D}^{*-})$	32843	32181	1	39537

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32845	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e X_u^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to e^+\nu_e X_u^- \rho^0\pi^+\pi^-\rho^-\eta D^{*+})$	32844	32182	1	39538
32846	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\omega D^0$ $(e^+e^- \to \pi^-\rho^+\omega\bar{D}^{*-}D^0D_s^{*+})$	32845	32183	1	39539
32847	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0K^*\eta_c, B^0 \to K^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0K^*D^{*+}\bar{D}^{*-}\eta_c)$	32846	32184	1	39540
32848	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\eta\eta_c$ $(e^+e^- \to \pi^0\eta D^-D_s^+\eta_c)$	32847	32185	1	39541
32849	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\omega D^-, \bar{B}^0 \to \rho^0\pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega\omega D^-D^{*+})$	32848	32186	1	39542
32850	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}a_1^-)$	32849	32187	1	39543
32851	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+K^0D^-D^0, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0D^+D^-\bar{D}^{*-}D^0)$	32850	32188	1	39544
32852	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^+\pi^-\omega\bar{K}^0D^{*0}$ $(e^+e^- \to \pi^+\pi^-\omega\omega\bar{K}^0\bar{K}^0K^+D^-D^{*0})$	32851	32189	1	39545
32853	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-})$	32852	32190	1	39546
32854	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to D^{*0}p\bar{\Delta}^+$ $(e^+e^- \to \mu^+\nu_\mu\eta D^-D^{*0}p\bar{\Delta}^+)$	32853	32191	1	39547
32855	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \omega K^0D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0D^{*+}\bar{D}^{*-}D_s^-)$	32854	32192	1	39548
32856	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^0J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0K^*D^+J/\psi)$	32855	32193	1	39549
32857	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-})$	32856	12222	1	39550
32858	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\omega\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^-\omega D^+\bar{D}^0)$	32857	32194	1	39551
32859	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\Delta^+\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*-})$	32858	32195	1	39552
32860	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^*K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\rho^+\omega K^*K^{*-}D^+\bar{D}^{*-})$	32859	32196	1	39553
32861	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\omega D^{*+}\bar{D}^{*-}\bar{n}p)$	32860	32197	1	39554

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32862	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^- D^+, \bar{B}^0 \to \rho^+\rho^-\rho^- D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\rho^- D^+ D^+)$	32861	32198	1	39555
32863	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+ K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^0\bar{K}^* D^+\bar{D}^{*-})$	32862	32199	1	39556
32864	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^- D^{*+}, \bar{B}^0 \to \omega\bar{n}\Sigma_c^0$ $(e^+e^- \to \pi^-\omega K^{*+} D^- D^{*+}\bar{n}\Sigma_c^0)$	32863	32200	1	39557
32865	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \rho^0 n\bar{\Xi}_c^{\prime 0}, B^0 \to \pi^- D^-\bar{n}\Delta^{++}$ $(e^+e^- \to \rho^0\pi^- D^- n\bar{n}\Delta^{++}\bar{\Xi}_c^{\prime 0})$	32864	32201	1	39558
32866	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^-\eta D^+\bar{n}\Lambda$ $(e^+e^- \to \pi^+\pi^-\pi^-\eta D^+ D^- D_s^{*+}\bar{n}\Lambda)$	32865	32202	1	39559
32867	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^-\eta\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\omega D^- D^{*+})$	32866	32203	1	39560
32868	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to D^- D_s^{*+}, B^0 \to \pi^0\rho^0\pi^+\pi^+\rho^- D^-$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^- D^- D^- D_s^{*+})$	32867	32204	1	39561
32869	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\rho^+ D^{*0}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^- K^+ K^- D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+ K^+ K^- D^{*+} D^{*0})$	32868	32205	1	39562
32870	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 D^-\bar{\Delta}^- n, \bar{B}^0 \to \eta D^+\Sigma^0\bar{\Sigma}^-$ $(e^+e^- \to \pi^0\eta D^+ D^-\bar{\Delta}^- n\Sigma^0\bar{\Sigma}^-)$	32869	32206	1	39563
32871	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\omega K^0 D^{*+}\bar{D}^0 D^{*0})$	32870	32207	1	39564
32872	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\eta\bar{K}^* K^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\bar{K}^* K^{*+}\bar{D}^{*-} D_1^+)$	32871	32208	1	39565
32873	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^-\bar{D}^0 D_s^{*+}, B^0 \to \pi^0\eta K^+ D^- D^0$ $(e^+e^- \to \pi^0\pi^-\eta K^+ D^- D^0\bar{D}^0 D_s^{*+})$	32872	32209	1	39566
32874	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to D^+ D_s^-$ $(e^+e^- \to \pi^0 D^+\bar{D}^{*-} D_s^-\bar{n}p)$	32873	32210	1	39567
32875	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+ D^-)$	32874	32211	1	39568
32876	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^- K^0 D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^- K^0 D^{*+}\bar{D}^{*-}\bar{D}^0 a_1^+)$	32875	32212	1	39569
32877	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^- D^+$ $(e^+e^- \to \rho^0\rho^- K^* D^+ D^{*+}\bar{D}^{*-})$	32876	32213	1	39570
32878	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^+\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^{*+}\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^0\pi^- K^- D^+ D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	32877	32214	1	39571

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32879	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \pi^+ K^0 D^{*+}\bar{D}^{*-} D^{*0} D_s^{*-})$	32878	12107	1	39572
32880	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega D^+\gamma$ $(e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^+\bar{D}^{*-}\gamma)$	32879	32215	1	39573
32881	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+K^0K^{*-}D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta K^0K^+K^-K^{*-}D^+\bar{D}^{*-})$	32880	32216	1	39574
32882	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1^-, \bar{B}^0 \to \pi^0\rho^-\eta\eta\eta D^+$ $(e^+e^- \to \pi^0\rho^-\eta\eta\eta D^+D_s^{*+}D_1^-)$	32881	32217	1	39575
32883	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-})$	32882	32218	1	39576
32884	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^- p\bar{\Lambda}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_s^- p\bar{\Lambda})$	32883	32219	1	39577
32885	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+D^-p\bar{p}, \bar{B}^0 \to \eta K^-D^+n\bar{\Lambda}$ $(e^+e^- \to \eta K^+K^-D^+D^-np\bar{p}\bar{\Lambda})$	32884	32220	1	39578
32886	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \bar{K}^*D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	32885	32221	1	39579
32887	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-})$	32886	32222	1	39580
32888	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-})$	32887	6599	1	39581
32889	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^-K^0D^{*+}$ $(e^+e^- \to \pi^-K^0D^{*+}\bar{D}^{*-}D_s^{*+})$	32888	32223	1	39582
32890	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^-$ $(e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\pi^-D^-)$	32889	32224	1	39583
32891	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^+D_s^{*-}, \bar{B}^0 \to K^*K^+K^-K^-D^{*+}$ $(e^+e^- \to \rho^0K^*K^+K^-K^-D^+D^{*+}D_s^{*-})$	32890	32225	1	39584
32892	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0K^+D_s^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^-)$	32891	32226	1	39585
32893	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+D_s^{*-}, \bar{B}^0 \to \pi^+K^{*-}\eta_c$ $(e^+e^- \to \pi^0\pi^0\pi^+K^+K^{*-}D_s^{*-}\eta_c)$	32892	32227	1	39586
32894	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\bar{D}^0)$	32893	32228	1	39587
32895	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \rho^0\rho^-\omega D^{*+}\gamma$ $(e^+e^- \to \rho^0\rho^0\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^0\gamma)$	32894	32229	1	39588

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32896	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\eta\omega K^0\bar{D}^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta\omega K^0D^+\bar{D}^0)$	32895	32230	1	39589
32897	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\bar{D}^{*-}D_0^{*+})$	32896	32231	1	39590
32898	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-})$	32897	32232	1	39591
32899	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eX_u^-, \bar{B}^0 \to \pi^0\rho^0\rho^+\rho^-D^0$ $(e^+e^- \to e^+\nu_eX_u^-\pi^0\rho^0\rho^+\rho^-D^0)$	32898	32233	1	39592
32900	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^-D_{s1}'^+)$	32899	32234	1	39593
32901	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\eta\omega K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-})$	32900	32235	1	39594
32902	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to D^+\Delta^0\bar{\Delta}^+$ $(e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^+)$	32901	32236	1	39595
32903	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}K^{*-}D^+D^-\bar{D}^0)$	32902	32237	1	39596
32904	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+\bar{D}^{*-}D^0D^{*0}\bar{\Delta}^-\Delta^-)$	32903	32238	1	39597
32905	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-K^+K^-\bar{D}^{*-}D^0)$	32904	32239	1	39598
32906	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^+\pi^+\rho^+D^-n\bar{\Delta}^{++}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^+D^-\bar{D}^{*-}n\bar{\Delta}^{++})$	32905	32240	1	39599
32907	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to K^+\bar{p}\Xi_c'^0$ $(e^+e^- \to e^+\nu_eK^+\bar{D}^{*-}\bar{p}\Xi_c'^0)$	32906	32241	1	39600
32908	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-})$	32907	32242	1	39601
32909	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\omega D^+\Delta^+\bar{\Sigma}_c^{--})$	32908	32243	1	39602
32910	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \eta\bar{K}^*K^+D^-$ $(e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*K^+D^-\bar{D}^{*-})$	32909	32244	1	39603
32911	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+K^0K^{*-}D^-, \bar{B}^0 \to \rho^0\eta K^-D_s^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\eta K^0K^-K^{*-}D^-D_s^+)$	32910	32245	1	39604
32912	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0D^{*+}\bar{D}^{*-}D^0)$	32911	32246	1	39605

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32913	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, B^0 \to \pi^0\omega K^0D^+D^-$ $(e^+e^- \to \pi^0\rho^+\eta\omega\omega K^0D^+D^-\bar{D}^{*-})$	32912	32247	1	39606
32914	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta K^+K^-D^+\bar{D}^{*0})$	32913	32248	1	39607
32915	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0)$	32914	32249	1	39608
32916	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^{*+}, \bar{B}^0 \to e^-\bar{\nu}_eD_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^-D^{*+}D_1'^+)$	32915	17274	1	39609
32917	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+D^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_0^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^+D^-D_0^{*+})$	32916	32250	1	39610
32918	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+D^-, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^0\rho^-\omega K^0D^+D^+D^-)$	32917	32251	1	39611
32919	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-})$	32918	32252	1	39612
32920	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eX_u^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+\eta\bar{D}^{*-})$	32919	32253	1	39613
32921	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-K^*\bar{K}^*D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^*\bar{K}^*D^+\bar{D}^{*-})$	32920	32254	1	39614
32922	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0D_1^+)$	32921	32255	1	39615
32923	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^{*0}D_0^{*-})$	32922	32256	1	39616
32924	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0\pi^+K^0D^-, \bar{B}^0 \to D^{*+}D_s^-$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+K^0D^-D^{*+}D_s^-)$	32923	32257	1	39617
32925	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^-\rho^+\bar{D}^0, B^0 \to \pi^0\pi^0\pi^+\eta K^*D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta K^*\bar{D}^0D_s^{*-})$	32924	32258	1	39618
32926	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^0\rho^+K^+K^{*-}D^-, B^0 \to \pi^0\pi^-\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\bar{K}^*K^+K^{*+}K^{*-}D^-\bar{D}^{*-})$	32925	32259	1	39619
32927	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^0D_1'^+)$	32926	32260	1	39620
32928	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^+D^{*+})$	32927	11065	1	39621
32929	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Lambda}_c^-, \bar{B}^0 \to \bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^0\bar{\Lambda}_c^-)$	32928	32261	1	39622

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32930	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta' D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta' D^- D_1^+)$	32929	32262	1	39623
32931	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\bar{D}^0\Sigma^0\bar{\Sigma}^-, \bar{B}^0 \to \pi^+\bar{\Delta}^+\Xi_c^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\bar{D}^0\bar{\Delta}^+\Sigma^0\bar{\Sigma}^-\Xi_c^{*0})$	32930	32263	1	39624
32932	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0 D^+ D_s^-$ $(e^+e^- \to \pi^0\pi^0\rho^0 D^+ D^- D_s^- D_s^{*+})$	32931	32264	1	39625
32933	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \eta\bar{K}^0 K^{*+}\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\eta\bar{K}^0 K^{*+}\bar{D}^{*-}\bar{D}^{*-})$	32932	32265	1	39626
32934	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-}a_1^+, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0 a_1^+)$	32933	32266	1	39627
32935	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^+\bar{K}^0 D^- D^{*0}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0 D^-\bar{D}^{*-}D^{*0})$	32934	32267	1	39628
32936	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\eta' D_s^{*-}, \bar{B}^0 \to \pi^-K^0\bar{K}^* D^+$ $(e^+e^- \to \pi^+\pi^-K^0K^0\bar{K}^*\eta' D^+ D_s^{*-})$	32935	32268	1	39629
32937	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0 K^+ D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^-\pi^-\omega\bar{K}^0 K^+ D^{*+}D^{*0})$	32936	32269	1	39630
32938	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0 K^0 K^- D^+$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0 K^0 K^- D^+\bar{D}^{*-})$	32937	32270	1	39631
32939	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^- D^{*+}\bar{D}^0, \bar{B}^0 \to \eta\omega D^- D^{*+}$ $(e^+e^- \to \eta\omega K^- D^- D^{*+}D^{*+}\bar{D}^0)$	32938	32271	1	39632
32940	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- n\bar{\Sigma}^+, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^- n\bar{\Sigma}^+)$	32939	32272	1	39633
32941	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^+K^- D^0, \bar{B}^0 \to \pi^+\pi^-\pi^- D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^- D^+ D^0)$	32940	32273	1	39634
32942	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^- D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^- D^{*+}D_1^-)$	32941	32274	1	39635
32943	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_1'^-, \bar{B}^0 \to \rho^+\rho^-K^0\bar{K}^*\bar{K}^*$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\rho^-K^0\bar{K}^*\bar{K}^* D_1'^-)$	32942	32275	1	39636
32944	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^- D^- D^{*+}a_1^+)$	32943	32276	1	39637
32945	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0 K^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\bar{K}^0 K^+ D^+\bar{D}^{*-})$	32944	32277	1	39638
32946	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0\bar{K}^* D^-, \bar{B}^0 \to \rho^-\eta D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta K^0\bar{K}^* D^+ D^-)$	32945	32278	1	39639

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32947	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^* D^+ \bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^- K^* D^+ D^{*+} \bar{D}^{*0})$	32946	32279	1	39640
32948	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta D^-, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\eta\bar{K}^* D^- D^- D^{*+})$	32947	32280	1	39641
32949	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^0 \bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+} D^0 \bar{D}^0)$	32948	32281	1	39642
32950	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to J/\psi\bar{K}_1^0$ $(e^+e^- \to \pi^0\pi^+\bar{D}^{*-} J/\psi\bar{K}_1^0)$	32949	32282	1	39643
32951	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^* K^+ D^-, \bar{B}^0 \to \pi^0\pi^-\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^-\eta\omega\omega\bar{K}^* K^+ D^+ D^-)$	32950	32283	1	39644
32952	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^+\rho^- K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0 D^+\bar{D}^{*-}\gamma$ $(e^+e^- \to \pi^+\rho^+\rho^- K^0\bar{K}^0\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}\gamma)$	32951	32284	1	39645
32953	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega D^-$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-})$	32952	32285	1	39646
32954	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^- K^+ D^+ D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^- K^+ D^+ D^+ D^-)$	32953	32286	1	39647
32955	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^+ D^-, \bar{B}^0 \to \pi^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta K^* D^+ D^- D^{*+})$	32954	32287	1	39648
32956	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^+, \bar{B}^0 \to \bar{K}^0 D_s^- D_s^{*+}$ $(e^+e^- \to \bar{K}^0\bar{D}^{*-} D_s^+ D_s^- D_s^{*+})$	32955	32288	1	39649
32957	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^0 K^{*-} D^{*+}, \bar{B}^0 \to \bar{K}^* D^- D^{*+}$ $(e^+e^- \to K^0\bar{K}^* K^{*-} D^- D^{*+} D^{*+})$	32956	32289	1	39650
32958	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{K}^* D^- p\bar{\Sigma}^-, \bar{B}^0 \to \pi^-\bar{K}^0\bar{K}^0 D_s^{*+}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{K}^0\bar{K}^* D^- D_s^{*+} p\bar{\Sigma}^-)$	32957	32290	1	39651
32959	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+\gamma, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-} D_{s1}'^+\gamma)$	32958	32291	1	39652
32960	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0\pi^+\eta\bar{D}^{*-}, B^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-})$	32959	32292	1	39653
32961	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta K^0 D^- D^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta K^0\bar{K}^* D^- D^{*+})$	32960	32293	1	39654
32962	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta D^- p\bar{p}, \bar{B}^0 \to \rho^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \rho^0\pi^+\eta D^-\bar{\Delta}^0 p\bar{p}\Sigma_c^{*0})$	32961	32294	1	39655
32963	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	32962	32295	1	39656

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32964	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^*\bar{K}^*$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-})$	32963	32296	1	39657
32965	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^+D_1'^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}D_s^+D_1'^-)$	32964	32297	1	39658
32966	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-p\bar{\Sigma}_c^0, B^0 \to \pi^0K^+K^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^+K^-\bar{D}^{*0}p\bar{\Sigma}_c^0)$	32965	32298	1	39659
32967	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+K^-\phi D^-$ $(e^+e^- \to e^+\nu_e\pi^+\rho^+K^-\phi D^-\bar{D}^{*-})$	32966	32299	1	39660
32968	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^-K^+D^{*+}, \bar{B}^0 \to \pi^0\rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^-\rho^-K^+D^{*+}D^{*+})$	32967	32300	1	39661
32969	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-})$	32968	32301	1	39662
32970	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	32969	32302	1	39663
32971	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta K^0K^0D_s^-, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \pi^0\pi^+\eta K^0K^0D_s^-D_s^{*-}D_1^+)$	32970	32303	1	39664
32972	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+D^{*+}\bar{D}^{*-}p\bar{p})$	32971	32304	1	39665
32973	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\bar{K}^0\chi_{c2}$ $(e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^0D_s^+\chi_{c2})$	32972	32305	1	39666
32974	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_{s1}'^+, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_{s1}'^+)$	32973	32306	1	39667
32975	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \rho^-\bar{\Sigma}^0\Xi_c^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+\bar{\Sigma}^0\Xi_c^+)$	32974	32307	1	39668
32976	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D_1^+)$	32975	32308	1	39669
32977	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-\bar{n}p, \bar{B}^0 \to \pi^0\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to \pi^0\eta D^-\bar{n}\bar{\Delta}^0p\Sigma_c^{*0})$	32976	32309	1	39670
32978	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*0})$	32977	32310	1	39671
32979	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega\bar{K}^*K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\omega\bar{K}^*K^+\bar{D}^{*-}D^0D_s^-)$	32978	32311	1	39672
32980	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\pi^-\eta\bar{K}^0K^*D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta\bar{K}^0K^*D^+D^{*+})$	32979	32312	1	39673

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32981	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*+})$	32980	32313	1	39674
32982	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega D^-, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^-D^-D^{*+}\bar{D}^{*0})$	32981	32314	1	39675
32983	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+D^-D^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^+D^-\bar{D}^{*-}D^0)$	32982	723	1	39676
32984	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	32983	32315	1	39677
32985	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\rho^0\rho^-\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\omega D^-D^{*+})$	32984	32316	1	39678
32986	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^0D^-D^{*+}, B^0 \to \rho^0\pi^+\eta' D^-$ $(e^+e^- \to \rho^0\pi^+K^0\eta' D^-D^-D^{*+})$	32985	32317	1	39679
32987	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 n\bar{\Sigma}_c^0, \bar{B}^0 \to \pi^0\pi^+\rho^-\omega\bar{K}^*D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^*D^{*0}n\bar{\Sigma}_c^0)$	32986	32318	1	39680
32988	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-\bar{\Sigma}^+\Sigma^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-D^0\bar{\Sigma}^+\Sigma^-)$	32987	32319	1	39681
32989	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \pi^0\pi^+D^0D_s^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^+D^0D_s^-)$	32988	32320	1	39682
32990	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\phi\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+D^+$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\phi D^+\bar{D}^{*-}D_s^{*+})$	32989	32321	1	39683
32991	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0D^+\bar{D}^{*-}D_s^+)$	32990	32322	1	39684
32992	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\pi^-\rho^-\eta\eta K^+K^-D^{*+}$ $(e^+e^- \to \pi^+\pi^-\rho^-\eta\eta K^+K^-D^-D^{*+}a_1^+)$	32991	32323	1	39685
32993	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-K^+\chi_{c1}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^+D^{*+}\chi_{c1})$	32992	32324	1	39686
32994	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\rho^+\omega D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\omega D^-D^{*+})$	32993	32325	1	39687
32995	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}p\bar{p})$	32994	32326	1	39688
32996	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	32995	13736	1	39689
32997	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\omega D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\omega D^{*0}D_1^-)$	32996	32327	1	39690

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
32998	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0K^+K^-D^+\bar{D}^{*0})$	32997	32328	1	39691
32999	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^-\eta K^{*+}D^+D^-D^{*0})$	32998	32329	1	39692
33000	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+n\bar{\Xi}_c^-, \bar{B}^0 \to \pi^-K^-K^{*+}D^+$ $(e^+e^- \to \pi^+\pi^-K^-K^{*+}D^+n\bar{\Xi}_c^-)$	32999	32330	1	39693
33001	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+K^+D_s^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\rho^+K^+D^{*+}D_s^-)$	33000	32331	1	39694
33002	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+D^-)$	33001	148	1	39695
33003	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+\eta\eta\eta K^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta\eta\eta\eta K^+D^{*+}\bar{D}^{*-})$	33002	32332	1	39696
33004	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-D_1^+$ $(e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}D_1^+)$	33003	32333	1	39697
33005	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^0\bar{D}^0D_s^{*+})$	33004	32334	1	39698
33006	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\eta\omega K^{*-}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta\omega K^{*-}D^{*+}\bar{D}^{*-})$	33005	32335	1	39699
33007	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to K^*K^-D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^*K^-D^{*+}D^{*+})$	33006	32336	1	39700
33008	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\rho^-\eta D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega D^0\bar{D}^{*0})$	33007	32337	1	39701
33009	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0n\bar{\Xi}_c^{*0}, \bar{B}^0 \to K^-D^{*+}$ $(e^+e^- \to \bar{K}^0K^-D^{*+}n\bar{\Xi}_c^{*0})$	33008	32338	1	39702
33010	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D_1^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}D_1^-)$	33009	32339	1	39703
33011	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+)$	33010	32340	1	39704
33012	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, B^0 \to \rho^-K^+D^{*+}n\bar{p}$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D^{*0}n\bar{p})$	33011	32341	1	39705
33013	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^-K^0D^0\bar{D}^0\bar{\Delta}^0\Lambda_c^+)$	33012	32342	1	39706
33014	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to K^{*+}\bar{D}^{*-}D^0$ $(e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D_{s1}'^+)$	33013	32343	1	39707

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33015	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \pi^0\pi^-K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^*K^{*+}K^{*-}D^-D^{*+}D^{*+})$	33014	32344	1	39708
33016	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0\bar{D}^{*0}D_s^{*+})$	33015	32345	1	39709
33017	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0n\bar{\Xi}_c^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}$ $(e^+e^- \to \rho^0K^{*+}\bar{D}^{*-}D^{*0}n\bar{\Xi}_c^0)$	33016	32346	1	39710
33018	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*-}D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^+)$	33017	32347	1	39711
33019	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^0D^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta'D^0$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0\eta'D^+D^0)$	33018	32348	1	39712
33020	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\eta'D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\eta'D^+D^-D_s^-)$	33019	32349	1	39713
33021	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\omega\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\omega D^+\bar{D}^{*-})$	33020	32350	1	39714
33022	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^-\bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\bar{K}^*K^+D^+D^-)$	33021	32351	1	39715
33023	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Sigma^0\bar{\Xi}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to D^{*+}\bar{D}^0D_s^{*-}\Sigma^0\bar{\Xi}^0)$	33022	32352	1	39716
33024	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}a_1^-)$	33023	32353	1	39717
33025	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\omega D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*0})$	33024	32354	1	39718
33026	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\bar{\Delta}^+\Lambda_c^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+)$	33025	32355	1	39719
33027	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^+D^-n\bar{p}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+D^-\bar{D}^{*-}n\bar{p})$	33026	32356	1	39720
33028	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_2^{*-}, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \tau^+\nu_\tau\pi^0D^+D_2^{*-}D_s^-)$	33027	32357	1	39721
33029	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\eta'D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\eta'\bar{D}^{*-}D^{*0})$	33028	32358	1	39722
33030	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to \pi^-\bar{p}\Sigma_c^{*++}$ $(e^+e^- \to \pi^-\bar{K}^*K^+D^-\bar{p}\Sigma_c^{*++})$	33029	32359	1	39723
33031	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+K^0\bar{K}^0\phi\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+K^0\bar{K}^0\eta'\phi D^{*+}\bar{D}^{*-})$	33030	32360	1	39724

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33032	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^-\bar{D}^0, \bar{B}^0 \to \omega\bar{\Delta}^0\Sigma_c^{*0}$ $(e^+e^- \to e^+\nu_e\pi^-\omega\bar{D}^0\bar{\Delta}^0\Sigma_c^{*0})$	33031	32361	1	39725
33033	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \rho^0\rho^+D^-, B^0 \to \pi^0\eta\eta\eta\omega\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\rho^+\eta\eta\eta\omega D^-\bar{D}^0)$	33032	32362	1	39726
33034	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+D_1'^-)$	33033	32363	1	39727
33035	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-\omega\omega D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega\omega D^+D^-)$	33034	32364	1	39728
33036	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_1'^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}D_1'^+)$	33035	32365	1	39729
33037	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^-\omega K^*\bar{\Sigma}^+\Lambda, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\rho^-\omega K^*D^{*+}\bar{\Sigma}^+\Lambda)$	33036	32366	1	39730
33038	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \bar{K}^0D^0\bar{D}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^0\bar{D}^0)$	33037	32367	1	39731
33039	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to \pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-n$ $(e^+e^- \to \pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\bar{\Delta}^-n)$	33038	32368	1	39732
33040	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^-D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^-\bar{D}^{*-}D_s^+)$	33039	32369	1	39733
33041	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^0\pi^-\omega D^{*+}$ $(e^+e^- \to \rho^0\rho^0\rho^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-})$	33040	32370	1	39734
33042	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_0^{*-}, \bar{B}^0 \to \pi^0\rho^-K^+K^-D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^+K^-D^{*+}D_0^{*-})$	33041	32371	1	39735
33043	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega K^0\bar{K}^*D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega K^0\bar{K}^*D^-D^{*+})$	33042	32372	1	39736
33044	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, B^0 \to K^+\bar{D}^{*-}D^{*0}$ $(e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_{s1}'^+)$	33043	32373	1	39737
33045	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to D^-D_2^{*+}D_s^+D_s^-)$	33044	32374	1	39738
33046	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^-D^+\bar{D}^{*-}D_{s0}^{*+})$	33045	32375	1	39739
33047	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0K^+D_s^-, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega K^0\bar{K}^0K^+D^{*+}D_s^-)$	33046	32376	1	39740
33048	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\omega K^+K^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\omega K^+K^+K^-\bar{D}^{*-}\bar{D}^{*-}D^{*0})$	33047	32377	1	39741

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33049	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D_1'^-, \bar{B}^0 \to \pi^0\pi^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^-\rho^+\omega D^{*+} D_1'^-)$	33048	32378	1	39742
33050	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega K^-K^{*+}D^-D^0)$	33049	32379	1	39743
33051	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \rho^-D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0}D_1'^+)$	33050	32380	1	39744
33052	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}D_0^{*+})$	33051	32381	1	39745
33053	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e K^0D^{*+}\bar{D}^{*-}D_0^{*+})$	33052	32382	1	39746
33054	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+n\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Sigma_c^{*+}$ $(e^+e^- \to \pi^-\rho^+n\bar{\Delta}^0\bar{\Sigma}_c^-\Sigma_c^{*+})$	33053	32383	1	39747
33055	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+D^{*0})$	33054	32384	1	39748
33056	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{K}^0D_s^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\bar{K}^0\bar{D}^{*-}D_s^{*+})$	33055	32385	1	39749
33057	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \pi^+\bar{p}\Sigma_c^0$ $(e^+e^- \to e^+\nu_e\pi^+D^-\bar{p}\Sigma_c^0)$	33056	32386	1	39750
33058	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0D^+\bar{D}^{*0})$	33057	32387	1	39751
33059	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s0}^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+K^{*-}D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^{*-}D^-D^0D_{s0}^{*+})$	33058	32388	1	39752
33060	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega K^0K^{*-}D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0K^{*-}D^{*+}D^{*+})$	33059	32389	1	39753
33061	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-})$	33060	32390	1	39754
33062	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^0\rho^-\bar{K}^*\bar{\Sigma}^+\Sigma^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^-\bar{\Sigma}^+\Sigma^0)$	33061	32391	1	39755
33063	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+K^+\bar{D}^{*-}n\bar{p}, B^0 \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-K^+\bar{D}^{*-}\bar{D}^{*-}n\bar{p})$	33062	32392	1	39756
33064	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^-D^{*+}\bar{D}^0)$	33063	32393	1	39757
33065	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\omega D^-, \bar{B}^0 \to \bar{K}^*D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{K}^*D^+D^-\bar{D}^{*-})$	33064	32394	1	39758

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33066	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+\Delta^-\bar{n}$ $(e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}\Delta^-\bar{n})$	33065	32395	1	39759
33067	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^-D^{*+}, \bar{B}^0 \to \rho^-D_1'^+$ $(e^+e^- \to \rho^-K^0D^-D^{*+}D_1'^+)$	33066	32396	1	39760
33068	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \bar{K}^0K^-\bar{D}^0D_s^+$ $(e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^-\bar{D}^{*-}\bar{D}^0D_s^+)$	33067	32397	1	39761
33069	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+D^-D^{*+})$	33068	32398	1	39762
33070	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}D^{*0})$	33069	32399	1	39763
33071	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^-D^-D_s^{*+}\bar{\Delta}^+\Sigma_c^{*++})$	33070	32400	1	39764
33072	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^+K^-D^+\bar{D}^{*-})$	33071	32401	1	39765
33073	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^+K^-D^-D^{*+}D_0^{*-})$	33072	32402	1	39766
33074	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-D^+D^-)$	33073	32403	1	39767
33075	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\eta K^0D^-, \bar{B}^0 \to K^*K^-D^+$ $(e^+e^- \to \pi^+\pi^+\rho^-\eta K^0K^*K^-D^+D^-)$	33074	32404	1	39768
33076	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-\eta'D^+, \bar{B}^0 \to \pi^0\rho^0\pi^-K^0\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-K^0\bar{K}^*\eta'D^+D^{*+})$	33075	32405	1	39769
33077	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-D^{*0}, \bar{B}^0 \to \pi^-\eta D^+\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*0}\Delta^+\bar{\Delta}^+)$	33076	32406	1	39770
33078	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\Delta^+\bar{\Sigma}_c^{*--})$	33077	32407	1	39771
33079	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0K^0K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^{*-}D^-D^{*+})$	33078	32408	1	39772
33080	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_0^{*-}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-K^0\bar{K}^0D^+D_0^{*-})$	33079	32409	1	39773
33081	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^{*+}D^-D^0)$	33080	32410	1	39774
33082	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-K^0K^0\bar{K}^0\bar{K}^0D^+$ $(e^+e^- \to e^+\nu_e\rho^-K^0K^0\bar{K}^0\bar{K}^0D^+D^-)$	33081	32411	1	39775

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33083	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\eta' D^-, \bar{B}^0 \to D^{*+}\bar{\Delta}^+\Sigma^0$ $(e^+e^- \to \rho^+\omega\eta' D^- D^{*+}\bar{\Delta}^+\Sigma^0)$	33082	32412	1	39776
33084	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \omega K^0 K^- D^{*+}$ $(e^+e^- \to \omega K^0 K^- D^- D^{*+} D_s^{*+})$	33083	32413	1	39777
33085	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+ K^* K^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^- D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^* K^- D^{*+}\bar{D}^{*-})$	33084	32414	1	39778
33086	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^- D^-, \bar{B}^0 \to \pi^0 K^0 K^{*-} D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^- K^0 K^{*-} D^+ D^-)$	33085	32415	1	39779
33087	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta D^-, \bar{B}^0 \to \rho^- \bar{K}^0 D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0 D^+ D^- \bar{D}^{*0})$	33086	32416	1	39780
33088	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\omega K^{*-} D^+ \bar{D}^{*-}\bar{D}^{*0})$	33087	32417	1	39781
33089	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- D^- D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+ D^- D_s^{*+})$	33088	32418	1	39782
33090	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D^+\Delta^-\bar{\Delta}^0$ $(e^+e^- \to K^{*+} D^+ \bar{D}^{*-} D^{*0}\Delta^-\bar{\Delta}^0)$	33089	32419	1	39783
33091	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^- K^* \bar{D}^0 D^{*0}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^- K^* D^{*+}\bar{D}^0 D^{*0})$	33090	32420	1	39784
33092	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K_L\psi', B^0 \to \mu^+\nu_\mu D_1'^-$ $(e^+e^- \to \mu^+\nu_\mu K_L D_1'^-\psi')$	33091	32421	1	39785
33093	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- D_s^{*+}, \bar{B}^0 \to \pi^-\rho^+\rho^-\omega D^+$ $(e^+e^- \to \pi^-\rho^+\rho^-\omega D^+ D^- D_s^{*+})$	33092	32422	1	39786
33094	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta D^- D^{*+})$	33093	12737	1	39787
33095	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^- D^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^{*-})$	33094	32423	1	39788
33096	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-} D_{s1}'^+)$	33095	32424	1	39789
33097	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^- a_1^+, \bar{B}^0 \to \pi^0\rho^0\eta D^0$ $(e^+e^- \to \pi^0\rho^0\eta D^- D^0 a_1^+)$	33096	32425	1	39790
33098	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-} D^{*0}, \bar{B}^0 \to D_2^{*+} D_s^-$ $(e^+e^- \to K^{*+}\bar{D}^{*-} D_2^{*+} D^{*0} D_s^-)$	33097	32426	1	39791
33099	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^0 K^0 K^+ D^{*0} D_s^{*-}, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0 K^+\bar{D}^{*-} D^{*0} D_s^{*-})$	33098	32427	1	39792

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+\pi^-D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-})$	33099	32428	1	39793
33101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+D^-p\bar{p}, \bar{B}^0 \to \rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^+\rho^-\eta\omega D^-D^{*+}p\bar{p})$	33100	32429	1	39794
33102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_SJ/\psi, \bar{B}^0 \to D^{*+}a_1^-$ $(e^+e^- \to K_SD^{*+}J/\psi a_1^-)$	33101	32430	1	39795
33103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+$ $(e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-})$	33102	32431	1	39796
33104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-D_s^+, \bar{B}^0 \to \bar{K}^*K^-D^+$ $(e^+e^- \to \pi^0\bar{K}^*K^-D^+D^-D_s^+)$	33103	32432	1	39797
33105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-K^0K^0K^{*-}\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-K^0K^0K^{*-}D^0\bar{D}^0D_s^{*-})$	33104	32433	1	39798
33106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \eta\bar{K}^0D^-D_s^+$ $(e^+e^- \to \eta\bar{K}^0D^-D^-D_s^+D_s^+)$	33105	32434	1	39799
33107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^-K^{*+}D^-, \bar{B}^0 \to K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^+K^-K^{*+}K^{*-}D^+D^-\bar{D}^0)$	33106	32435	1	39800
33108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}, \bar{B}^0 \to \pi^0\eta D^+D_s^{*-}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^+D^{*+}D_s^{*-})$	33107	32436	1	39801
33109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to K^-\Delta^+\bar{\Xi}_c^0$ $(e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}\Delta^+\bar{\Xi}_c^0)$	33108	32437	1	39802
33110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*D^+D^-, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^-K^*D^+D^-D^{*+}D_s^{*-})$	33109	30868	1	39803
33111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, \bar{B}^0 \to \pi^+K^-D^+D^-$ $(e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*-}D_s^{*+}\gamma)$	33110	32438	1	39804
33112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\pi^0D^+D_s^-J/\psi K_1^0)$	33111	32439	1	39805
33113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^0D_1'^-)$	33112	32440	1	39806
33114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*\bar{D}^0D^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\eta D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^*D^{*+}\bar{D}^0D^{*0})$	33113	32441	1	39807
33115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^-K^-K^{*+}D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^-K^{*+}D^{*+}D_2^{*-})$	33114	32442	1	39808
33116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+a_1^-$ $(e^+e^- \to \rho^0\pi^+\omega D^+\bar{D}^{*-}a_1^-)$	33115	32443	1	39809

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 K^+ D^- D^{*0}, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 K^+ D^- D^{*+} D^{*0})$	33116	32444	1	39810
33118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \rho^+ \bar{D}^{*-} p\bar{p}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}p\bar{p})$	33117	32445	1	39811
33119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\rho^+ n\bar{n}, \bar{B}^0 \to D_2^{*+} D_s^{*-}$ $(e^+e^- \to \pi^-\rho^+ D_2^{*+} D_s^{*-} n\bar{n})$	33118	32446	1	39812
33120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, B^0 \to e^+\nu_e \pi^- \bar{D}^0$ $(e^+e^- \to e^+\nu_e\tau^+\nu_\tau\pi^-\bar{D}^{*-}\bar{D}^0)$	33119	32447	1	39813
33121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0 \bar{K}^0 K^+ K^{*+} K^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^+$ $(e^+e^- \to e^-\bar{\nu}_e\pi^-\eta K^0\bar{K}^0 K^+ K^{*+} K^{*-} D^+)$	33120	32448	1	39814
33122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+ K^{*-} D^{*+} \bar{D}^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\rho^+ K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^{*-})$	33121	32449	1	39815
33123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ D^-, \bar{B}^0 \to K^-\bar{\Lambda}\Sigma_c^+$ $(e^+e^- \to \pi^+ K^- D^- \bar{\Lambda}\Sigma_c^+)$	33122	32450	1	39816
33124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta\bar{K}^0 K^{*+}\bar{D}^0, \bar{B}^0 \to D^+ D_{s1}'^-$ $(e^+e^- \to \pi^-\eta\bar{K}^0 K^{*+} D^+ \bar{D}^0 D_{s1}'^-)$	33123	32451	1	39817
33125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta\bar{D}^{*-}, \bar{B}^0 \to K^{*-} D^+ \bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\eta K^{*-} D^+ \bar{D}^{*-} \bar{D}^{*0})$	33124	32452	1	39818
33126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^0\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^0\rho^- D^{*+}$ $(e^+e^- \to \pi^0\pi^+\rho^- D^{*+}\Delta^0\bar{\Xi}_c^{*-})$	33125	32453	1	39819
33127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^+, \bar{B}^0 \to K^- D^+ \Sigma^0\bar{\Sigma}^0$ $(e^+e^- \to K^- D^+ D_2^{*-} D_s^+ \Sigma^0\bar{\Sigma}^0)$	33126	32454	1	39820
33128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \rho^0\omega D^0$ $(e^+e^- \to \rho^0\omega K^* D^- D^{*+} D^0)$	33127	32455	1	39821
33129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\eta K^0 K^- D^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta K^0 K^- D^+ \bar{D}^{*-}\Sigma^+\bar{\Sigma}^-)$	33128	32456	1	39822
33130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \pi^+\rho^+\rho^-\eta' D^-, B^0 \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^+\rho^-\rho^-\omega\eta' D^- \bar{D}^{*-})$	33129	32457	1	39823
33131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^- D_1^+)$	33130	32458	1	39824
33132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^+ D^-$ $(e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega\omega D^+ D^- \bar{D}^{*-})$	33131	32459	1	39825
33133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^+ D^{*0} D_s^{*-}$ $(e^+e^- \to \tau^+\nu_\tau\rho^+\bar{D}^{*-} D^{*0} D_s^{*-})$	33132	32460	1	39826

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+, \bar{B}^0 \to \bar{K}^0\bar{\Delta}^0\Sigma_c^0$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^+\bar{\Delta}^0\Sigma_c^0)$	33133	32461	1	39827
33135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^{*-}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}D_2^{*+}D_s^{*-})$	33134	32462	1	39828
33136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^0\bar{K}^0D_s^-$ $(e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*-}D_s^-)$	33135	32463	1	39829
33137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^{*0})$	33136	32464	1	39830
33138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+\eta D^-)$	33137	32465	1	39831
33139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}\Delta^+\bar{\Sigma}_c^-)$	33138	32466	1	39832
33140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to D^{*0}\Lambda\bar{\Sigma}^0$ $(e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}\Lambda\bar{\Sigma}^0)$	33139	32467	1	39833
33141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\pi^-\rho^+\rho^+, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^{*+}\bar{D}^0)$	33140	32468	1	39834
33142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*0})$	33141	32469	1	39835
33143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to e^+\nu_e\pi^0\pi^0D^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e\pi^0\pi^0D^-\bar{D}^{*-})$	33142	32470	1	39836
33144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^*K^{*-}\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^+\pi^+\rho^-\omega K^*K^{*-}D^{*+}\bar{D}^{*-})$	33143	32471	1	39837
33145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD_1^-, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to e^+\nu_eD^0p\bar{\Delta}^+D_1^-)$	33144	32472	1	39838
33146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \rho^+\rho^-\rho^-\eta D^+$ $(e^+e^- \to \rho^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-}D_s^{*+})$	33145	32473	1	39839
33147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{K}^0D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_eD_1^+$ $(e^+e^- \to e^-\bar{\nu}_eK^0\bar{K}^0D^-D_s^+D_1^+)$	33146	32474	1	39840
33148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \rho^-\omega D^+$ $(e^+e^- \to \rho^-\rho^-\omega D^+D^+)$	33147	32475	1	39841
33149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\bar{\Delta}^-\Delta^0)$	33148	32476	1	39842
33150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\pi^-D^+\bar{\Delta}^0\Delta^+$ $(e^+e^- \to \pi^-\pi^-D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+a_1^+)$	33149	32477	1	39843

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$ $(e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+})$	33150	32478	1	39844
33152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{D}^{*-}D_s^{*+}\gamma, B^0 \to \bar{D}^0\bar{p}\Delta^+$ $(e^+e^- \to \bar{D}^{*-}\bar{D}^0D_s^{*+}\bar{p}\Delta^+\gamma)$	33151	32479	1	39845
33153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\pi^-K^+D^+\bar{D}^{*0}, \bar{B}^0 \to \rho^0\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^+D^-D^{*+}\bar{D}^{*0})$	33152	32480	1	39846
33154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to D_s^{*-}D_1^+$ $(e^+e^- \to \rho^0\rho^-K^{*+}\bar{D}^{*0}D_s^{*-}D_1^+)$	33153	32481	1	39847
33155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \bar{K}^0K^+D^-, B^0 \to D^-\bar{n}p$ $(e^+e^- \to \bar{K}^0K^+D^-D^-\bar{n}p)$	33154	32482	1	39848
33156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\rho^-K^0\gamma, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+$ $(e^+e^- \to \rho^0\rho^+\rho^-K^0D^0\Delta^+\bar{\Delta}^+\gamma)$	33155	32483	1	39849
33157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^-\rho^+\eta K^-K^{*+}\bar{D}^{*0}, \bar{B}^0 \to \rho^0\omega D^{*0}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega K^-K^{*+}D^{*0}\bar{D}^{*0})$	33156	32484	1	39850
33158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, B^0 \to \pi^0\pi^+\rho^+\rho^-D^-$ $(e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^+D^-\bar{D}^{*-}D^{*0})$	33157	30930	1	39851
33159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\bar{K}^*J/\psi$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^*\bar{D}^{*-}J/\psi)$	33158	32485	1	39852
33160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega D^-, \bar{B}^0 \to D_s^{*-}D_1'^+$ $(e^+e^- \to \pi^0\pi^+\omega D^-D_s^{*-}D_1'^+)$	33159	32486	1	39853
33161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^+\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D_2^{*-}$ $(e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_2^{*-})$	33160	32487	1	39854
33162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_eD^+, \bar{B}^0 \to \bar{K}^*D^0\bar{D}^0$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^+D^0\bar{D}^0)$	33161	32488	1	39855
33163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \mu^+\nu_\mu D^-, B^0 \to K^0D^+D^-$ $(e^+e^- \to \mu^+\nu_\mu K^0D^+D^-D^-)$	33162	32489	1	39856
33164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^-\omega D^{*+}$ $(e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}a_1^+)$	33163	32490	1	39857
33165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^+D_{s1}'^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-K^-D_s^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^-D^+D_s^+D_{s1}'^-)$	33164	32491	1	39858
33166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta K^0D^0\bar{D}^{*0}, B^0 \to \pi^0\pi^0\pi^+\eta\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta K^0\bar{D}^{*-}D^0\bar{D}^{*0})$	33165	32492	1	39859
33167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-K^0\bar{K}^0\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Sigma^{*-}\bar{\Sigma}^0$ $(e^+e^- \to \pi^+\pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\Sigma^{*-}\bar{\Sigma}^0)$	33166	32493	1	39860

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-})$	33167	32494	1	39861
33169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D_2^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}D_s^{*+})$	33168	32495	1	39862
33170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^+n\bar{\Delta}^+$ $(e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}n\bar{\Delta}^+)$	33169	32496	1	39863
33171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}D^0D_s^{*-})$	33170	32497	1	39864
33172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^+\eta K^*K^-D^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\bar{K}^0D^0$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0K^*K^-D^-D^0)$	33171	32498	1	39865
33173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0D_s^+, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^+)$	33172	32499	1	39866
33174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\eta\eta'D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\eta'D^{*+}D_2^{*-}D_s^{*+})$	33173	32500	1	39867
33175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\omega D^-, B^0 \to \rho^+\eta\omega D^-$ $(e^+e^- \to \pi^+\rho^+\eta\omega\omega D^-D^-)$	33174	32501	1	39868
33176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0K^0\bar{K}^0K^+K^{*-}\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0K^+K^{*-}D^{*+}\bar{D}^0D_s^{*-})$	33175	32502	1	39869
33177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+})$	33176	32503	1	39870
33178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}, \bar{B}^0 \to \pi^-\bar{K}^0K^*K^+K^{*-}D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\bar{K}^0K^*K^+K^{*-}D^{*+}D^{*+})$	33177	32504	1	39871
33179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-D^-\bar{\Delta}^-p, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*0}\bar{\Delta}^-p)$	33178	32505	1	39872
33180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-\eta D^+$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\eta D^+D^-)$	33179	32506	1	39873
33181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \rho^0\rho^-D^{*+}$ $(e^+e^- \to \rho^0\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+)$	33180	32507	1	39874
33182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\bar{\Delta}^+\Sigma_c^{*++}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^{*++})$	33181	32508	1	39875
33183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^{*0}D_s^+, \bar{B}^0 \to \omega\bar{K}^0D^+\bar{D}^{*-}$ $(e^+e^- \to \pi^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+)$	33182	32509	1	39876
33184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^+\pi^-\bar{p}\Lambda_c^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\omega D^-\bar{p}\Lambda_c^+)$	33183	32510	1	39877

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_S\eta_c, B^0 \to \mu^+\nu_\mu D_1^-$ $(e^+e^- \to \mu^+\nu_\mu K_S\eta_c D_1^-)$	33184	32511	1	39878
33186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^+\Delta^{++}\gamma, \bar{B}^0 \to \pi^0K^*K^-D^{*+}$ $(e^+e^- \to \pi^0K^*K^-D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}\gamma)$	33185	32512	1	39879
33187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^+\eta D^-, \bar{B}^0 \to \pi^0\pi^0\pi^+\pi^-K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta K^{*-}D^-D^{*+})$	33186	32513	1	39880
33188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega D^-D^{*+})$	33187	32514	1	39881
33189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\bar{D}^0D_s^{*+}, \bar{B}^0 \to \pi^+\pi^-\rho^+\rho^-D^0$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^0\bar{D}^0D_s^{*+})$	33188	32515	1	39882
33190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-D^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D^0)$	33189	32516	1	39883
33191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^0D^-, \bar{B}^0 \to \pi^0\pi^0\pi^-D^+\bar{p}\Delta^+$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+D^-\bar{p}\Delta^+)$	33190	32517	1	39884
33192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-})$	33191	32518	1	39885
33193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^*D^{*0}\bar{D}^{*0}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^*D^{*+}D^{*0}\bar{D}^{*0})$	33192	32519	1	39886
33194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0\bar{D}^0D^{*0}, \bar{B}^0 \to D^+n\bar{p}$ $(e^+e^- \to \pi^0\eta K^0D^+\bar{D}^0D^{*0}n\bar{p})$	33193	32520	1	39887
33195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu\pi^+D^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0)$	33194	32521	1	39888
33196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{n}\Xi_c'^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{n}\Xi_c'^+)$	33195	32522	1	39889
33197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}, \bar{B}^0 \to D^{*+}\Delta^0\bar{\Delta}^+$ $(e^+e^- \to \pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+)$	33196	32523	1	39890
33198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\eta K^0D^+\bar{D}^0, \bar{B}^0 \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^0$ $(e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0D^+D^0\bar{D}^0)$	33197	32524	1	39891
33199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^{*+}\bar{D}^{*-})$	33198	32525	1	39892
33200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_2^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^{*-}D_2^{*+})$	33199	32526	1	39893
33201	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-})$	33200	32527	1	39894

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33202	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \rho^0\rho^-D^+$ $(e^+e^- \to \rho^0\pi^-\rho^-D^+\Delta^+\bar{\Sigma}_c^{*0})$	33201	32528	1	39895
33203	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to D^-D_s^+, B^0 \to \pi^0\rho^+\eta D^-$ $(e^+e^- \to \pi^0\rho^+\eta D^-D^-D_s^+)$	33202	32529	1	39896
33204	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta_c, \bar{B}^0 \to \pi^0\pi^0\rho^-\omega\bar{K}^*D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega\bar{K}^*D^+\eta_c)$	33203	32530	1	39897
33205	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \rho^+\rho^-\bar{K}^0\eta_c$ $(e^+e^- \to \rho^+\rho^+\rho^-\bar{K}^0D^-\eta_c)$	33204	32531	1	39898
33206	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0\pi^0\pi^+\rho^-\rho^-D^+$ $(e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-D^+J/\psi K_1^0)$	33205	32532	1	39899
33207	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \eta\Delta^+\bar{\Sigma}_c^{*-}, B^0 \to \pi^0\pi^0\pi^+\eta\eta D^-$ $(e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\eta D^-\Delta^+\bar{\Sigma}_c^{*-})$	33206	32533	1	39900
33208	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-\bar{\Delta}^+\Delta^{++}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}\bar{\Delta}^+\Delta^{++})$	33207	32534	1	39901
33209	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\omega K^0D^0\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-\bar{K}^0K^-K^{*+}\eta'$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^0K^-K^{*+}\eta'D^0\bar{D}^0)$	33208	32535	1	39902
33210	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \phi\Lambda\bar{\Omega}_c^0, \bar{B}^0 \to \pi^0\rho^0\rho^-D^+$ $(e^+e^- \to \pi^0\rho^0\rho^-\phi D^+\Lambda\bar{\Omega}_c^0)$	33209	32536	1	39903
33211	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-D^-, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+})$	33210	32537	1	39904
33212	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to \eta\bar{K}^0D^-D^{*+}$ $(e^+e^- \to \eta\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-}D^0)$	33211	32538	1	39905
33213	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^+\bar{D}^{*-}D^0, \bar{B}^0 \to \pi^0K^{*-}D^+\bar{D}^0$ $(e^+e^- \to \pi^0\pi^+\pi^-K^+K^{*-}D^+\bar{D}^{*-}D^0\bar{D}^0)$	33212	32539	1	39906
33214	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^-\bar{\Delta}^0\Lambda_c^+$ $(e^+e^- \to \pi^-\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+D_{s1}'^+)$	33213	32540	1	39907
33215	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+K^0K^-D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+K^0K^-\bar{D}^{*-}D^0)$	33214	32541	1	39908
33216	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to D^{*0}n\bar{\Delta}^0$ $(e^+e^- \to D^-D^{*0}D_s^+n\bar{\Delta}^0)$	33215	32542	1	39909
33217	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_eD^-, \bar{B}^0 \to \rho^-\bar{\Delta}^+\Sigma_c^{++}$ $(e^+e^- \to e^+\nu_e\rho^-D^-\bar{\Delta}^+\Sigma_c^{++})$	33216	32543	1	39910
33218	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+D^-, \bar{B}^0 \to \pi^0\rho^0K^+K^{*-}D^0$ $(e^+e^- \to \pi^0\rho^0K^*K^+K^{*-}D^+D^-D^0)$	33217	32544	1	39911

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33219	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+\bar{D}^0D^{*0}, \bar{B}^0 \to \pi^+\pi^+\pi^-K^0K^+K^-K^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^+K^+K^-K^-\bar{D}^0D^{*0})$	33218	32545	1	39912
33220	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to D^+D'^-_{s1}$ $(e^+e^- \to \rho^+\omega D^+D^-D'^-_{s1})$	33219	32546	1	39913
33221	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+n\bar{n}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-}n\bar{n})$	33220	32547	1	39914
33222	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \rho^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^0\bar{\Delta}^0)$	33221	32548	1	39915
33223	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-\bar{K}^0K^*D^{*+}$ $(e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-})$	33222	32549	1	39916
33224	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to K_L\psi', B^0 \to \pi^0\pi^+\pi^+\pi^-K^0D^-$ $(e^+e^- \to \pi^0K_L\pi^+\pi^+\pi^-K^0D^-\psi')$	33223	32550	1	39917
33225	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\Lambda\bar{\Sigma}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+_1$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^0\Lambda\bar{\Sigma}^{*0}D^+_1)$	33224	32551	1	39918
33226	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-K^+D^{*0}\bar{D}^{*0}, \bar{B}^0 \to D^{*-}_sD^+_1$ $(e^+e^- \to \pi^0\pi^-K^+D^{*0}\bar{D}^{*0}D^{*-}_sD^+_1)$	33225	32552	1	39919
33227	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}$ $(e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta D^{*+}\bar{D}^{*-})$	33226	17689	1	39920
33228	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^0)$	33227	32553	1	39921
33229	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^0\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^+\pi^-D^+D^-_s$ $(e^+e^- \to \pi^+\pi^-D^+D^0D^-_s\Delta^+\bar{\Delta}^+)$	33228	32554	1	39922
33230	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\pi^0\pi^0D^{*+}\bar{D}^{*-})$	33229	32555	1	39923
33231	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \pi^0\pi^+\pi^-\rho^+\eta D^-$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-})$	33230	32556	1	39924
33232	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^-\rho^+D^0$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\rho^+\bar{D}^{*-}D^0)$	33231	32557	1	39925
33233	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^+\omega K^-D^-$ $(e^+e^- \to \pi^+\pi^+\rho^+\omega\omega K^0\bar{K}^*K^-D^-\bar{D}^{*-})$	33232	32558	1	39926
33234	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0K^*K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0\rho^0K^*K^{*-}D^{*+}\bar{D}^{*-})$	33233	32559	1	39927
33235	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D^-, \bar{B}^0 \to \omega\bar{K}^0\eta_c$ $(e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^0D^-\eta_c)$	33234	32560	1	39928

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33236	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\rho^-\bar{D}^{*-}\bar{n}p, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^0D^{*+}$ $(e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{n}p)$	33235	32561	1	39929
33237	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^0$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^0)$	33236	32562	1	39930
33238	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^{*-}D^{*+}$ $(e^+e^- \to e^+\nu_e\pi^0K^*K^{*-}D^{*+}\bar{D}^{*-})$	33237	32563	1	39931
33239	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+K^+K^-D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+})$	33238	32564	1	39932
33240	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*J/\psi, \bar{B}^0 \to \pi^+D^{*0}D_s^{*-}$ $(e^+e^- \to \pi^+K^*D^{*0}D_s^{*-}J/\psi)$	33239	32565	1	39933
33241	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\rho^-\eta K^*, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^*\bar{D}^{*-})$	33240	32566	1	39934
33242	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}p\bar{p}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}p\bar{p})$	33241	32567	1	39935
33243	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^0D_1^+)$	33242	32568	1	39936
33244	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}a_1^-, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^+$ $(e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^{*+}a_1^-)$	33243	32569	1	39937
33245	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0D^+\bar{D}^{*-}, \bar{B}^0 \to \rho^+K^{*-}D^{*0}$ $(e^+e^- \to \rho^0\rho^+K^{*-}D^+\bar{D}^{*-}D^{*0})$	33244	32570	1	39938
33246	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\Delta^+\bar{\Sigma}_c^{--}, \bar{B}^0 \to e^-\bar{\nu}_eD_0^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^+\Delta^+\bar{\Sigma}_c^{--}D_0^{*+})$	33245	32571	1	39939
33247	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^+K^{*-}D^-, \bar{B}^0 \to \rho^0\rho^-D^+\gamma$ $(e^+e^- \to \rho^0\pi^+\rho^-K^+K^{*-}D^+D^-\gamma)$	33246	32572	1	39940
33248	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^-D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-})$	33247	32573	1	39941
33249	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\rho^-K^{*+}\eta'D_s^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\bar{K}^0D^+$ $(e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}\eta'D^+D_s^-)$	33248	32574	1	39942
33250	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega D^-, \bar{B}^0 \to \phi D^+D_s^{*-}$ $(e^+e^- \to \rho^0\pi^+\eta\omega\phi D^+D^-D_s^{*-})$	33249	32575	1	39943
33251	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega D^+$ $(e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega K^{*+}D^+D^-D^{*0})$	33250	32576	1	39944
33252	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0p\bar{\Sigma}_c^-, B^0 \to \pi^-K^+D^{*0}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^-K^+D^{*0}\bar{D}^{*0}p\bar{\Sigma}_c^-)$	33251	32577	1	39945

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33253	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^0\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^0\pi^-\bar{K}^0D^{*+}$ $(e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}\Delta^0\bar{\Sigma}_c^{*0})$	33252	32578	1	39946
33254	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0D^{*0}, \bar{B}^0 \to D^+D_{s1}'^-$ $(e^+e^- \to K^0D^+\bar{D}^0D^{*0}D_{s1}'^-)$	33253	32579	1	39947
33255	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^{*+}D^-, \bar{B}^0 \to K^-D^+\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^-K^{*+}D^+D^-\bar{D}^{*0})$	33254	32580	1	39948
33256	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-K^+D^0\bar{D}^{*0}, \bar{B}^0 \to D_2^{*+}D_s^-$ $(e^+e^- \to \rho^-K^+D_2^{*+}D^0\bar{D}^{*0}D_s^-)$	33255	32581	1	39949
33257	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^*\bar{D}^{*-}, \bar{B}^0 \to D^+D_s^{*-}$ $(e^+e^- \to \pi^+K^*D^+\bar{D}^{*-}D_s^{*-})$	33256	32582	1	39950
33258	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0})$	33257	32583	1	39951
33259	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}$ $(e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\eta\eta\omega D^-D^{*+})$	33258	32584	1	39952
33260	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \pi^0\pi^0\rho^-D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-D^+D^+)$	33259	32585	1	39953
33261	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^0\pi^-D^+n\bar{n}$ $(e^+e^- \to \pi^0\pi^-\eta\eta\omega D^+\bar{D}^0n\bar{n})$	33260	32586	1	39954
33262	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^0\pi^+\rho^-\rho^-\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^*D^-D^{*+})$	33261	32587	1	39955
33263	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^-K^0\bar{n}p, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}$ $(e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^-K^0D^{*+}\bar{n}p)$	33262	32588	1	39956
33264	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{D}^{*-}D^0D_s^{*-})$	33263	32589	1	39957
33265	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to e^+\nu_eD^-, B^0 \to \rho^+\eta\bar{D}^{*-}$ $(e^+e^- \to e^+\nu_e\rho^+\eta D^-\bar{D}^{*-})$	33264	12894	1	39958
33266	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^*D_s^+D_s^{*-}, \bar{B}^0 \to \pi^0\pi^-D^+\bar{\Delta}^-\Delta^-$ $(e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D_s^+D_s^{*-}\bar{\Delta}^-\Delta^-)$	33265	32590	1	39959
33267	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-K^0\bar{D}^0n\bar{n}, \bar{B}^0 \to D^0p\bar{\Delta}^+$ $(e^+e^- \to \rho^0\pi^+\pi^-K^0D^0\bar{D}^0n\bar{n}p\bar{\Delta}^+)$	33266	32591	1	39960
33268	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\eta D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta\omega D^-\bar{D}^{*-})$	33267	32592	1	39961
33269	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\eta K^0\bar{D}^{*0}, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to \pi^0\eta K^0D^{*+}\bar{D}^{*0}D_s^{*-})$	33268	32593	1	39962

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33270	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^0, \bar{B}^0 \to \pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^0\bar{D}^0D_s^{*-})$	33269	32594	1	39963
33271	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}\gamma, \bar{B}^0 \to \pi^+\pi^-\pi^-K^+K^{*-}D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^+K^{*-}D^+\bar{D}^{*-}\gamma)$	33270	32595	1	39964
33272	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-K^*J/\psi, \bar{B}^0 \to \pi^-\omega D^+$ $(e^+e^- \to \pi^+\pi^-\pi^-\omega K^*D^+J/\psi)$	33271	32596	1	39965
33273	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^0\bar{D}^0, \bar{B}^0 \to D^{*+}D_s^{*-}$ $(e^+e^- \to K^*D^{*+}D^0\bar{D}^0D_s^{*-})$	33272	32597	1	39966
33274	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^*K^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD^+$ $(e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+D^+D^-)$	33273	32598	1	39967
33275	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}$ $(e^+e^- \to \pi^0\pi^+K^-D^{*+}D^0\bar{D}^{*0}D_s^{*-})$	33274	32599	1	39968
33276	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\omega D^-, \bar{B}^0 \to \pi^-\eta D^+$ $(e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\omega D^+D^-)$	33275	32600	1	39969
33277	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+D^-\bar{p}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*+}\bar{p}\Delta^+)$	33276	32601	1	39970
33278	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^0D^{*0}$ $(e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}D^{*0})$	33277	32602	1	39971
33279	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\pi^-, \bar{B}^0 \to \pi^0\pi^+\bar{K}^*D^-D^{*0}$ $(e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{K}^*D^-D^{*0})$	33278	32603	1	39972
33280	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^0\rho^-\omega\omega D^{*+}$ $(e^+e^- \to \pi^0\rho^+\rho^-\omega\omega D^-D^{*+})$	33279	32604	1	39973
33281	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0K^{*+}D^-, \bar{B}^0 \to \pi^0D^+D_s^-$ $(e^+e^- \to \pi^0\bar{K}^0K^{*+}D^+D^-D_s^-)$	33280	32605	1	39974
33282	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^0K^+K^-\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^0K^+K^-K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0})$	33281	32606	1	39975
33283	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{K}^0K^{*+}\phi\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-D^{*+}$ $(e^+e^- \to \rho^0\rho^0\pi^-\bar{K}^0K^{*+}\phi D^{*+}\bar{D}^{*-})$	33282	32607	1	39976
33284	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^+\bar{D}^{*-}D^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\pi^0\pi^+D^{*0}$ $(e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^+\bar{D}^{*-}D^{*0}D^{*0})$	33283	32608	1	39977
33285	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta\omega\omega\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_eD^{*+}$ $(e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega\omega D^{*+}\bar{D}^{*-})$	33284	32609	1	39978
33286	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^{*0}$ $(e^+e^- \to \mu^+\nu_\mu K^{*-}D^-D^{*+}\bar{D}^{*0})$	33285	32610	1	39979

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33287	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*0}\Delta^+\bar{\Delta}^+, \bar{B}^0 \to \pi^-\eta D^{*+}$ $(e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+)$	33286	32611	1	39980
33288	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0K^0\bar{D}^0, \bar{B}^0 \to \pi^-D^{*+}$ $(e^+e^- \to \pi^0\pi^-K^0D^{*+}\bar{D}^0)$	33287	32612	1	39981
33289	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^-K^*\bar{K}^*D^{*+}$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-})$	33288	32613	1	39982
33290	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-\eta K^{*+}K^{*-}D^{*+}$ $(e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^{*+}K^{*-}D^{*+}\bar{D}^{*-})$	33289	32614	1	39983
33291	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^+\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu X_u^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+K^0D^+\bar{D}^{*-})$	33290	32615	1	39984
33292	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^-\rho^+\bar{K}^0\bar{D}^{*0}$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*0})$	33291	32616	1	39985
33293	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^-K^{*+}J/\psi, B^0 \to \pi^+\pi^+\rho^-\bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^{*+}\bar{D}^{*-}J/\psi)$	33292	32617	1	39986
33294	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-D^+\bar{n}p$ $(e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-\bar{n}p)$	33293	32618	1	39987
33295	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\eta\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^+\pi^-\pi^-\omega D^+$ $(e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-})$	33294	32619	1	39988
33296	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^0, \bar{B}^0 \to K_S\psi'$ $(e^+e^- \to \pi^+\pi^-K_S\bar{D}^0\psi')$	33295	32620	1	39989
33297	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \omega D^+\Delta^0\bar{\Delta}^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-D^+$ $(e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega D^+D^+\Delta^0\bar{\Delta}^+)$	33296	32621	1	39990
33298	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{K}^0K^+D^{*0}D_s^-$ $(e^+e^- \to e^+\nu_e\pi^0\bar{K}^0K^+\bar{D}^{*-}D^{*0}D_s^-)$	33297	32622	1	39991
33299	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\Delta^+\bar{\Sigma}_c^{*0}, \bar{B}^0 \to D^{*+}D_{s1}'^-$ $(e^+e^- \to \rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0}D_{s1}'^-)$	33298	32623	1	39992
33300	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}, \bar{B}^0 \to K^-D^{*+}\bar{D}^0$ $(e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^-D^{*+}\bar{D}^0\bar{D}^{*0})$	33299	32624	1	39993
33301	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-}D_s^+, \bar{B}^0 \to \pi^-\pi^-\eta\bar{K}^0K^+D^{*+}$ $(e^+e^- \to \pi^-\pi^-\eta\bar{K}^0K^+D^{*+}D_2^{*-}D_s^+)$	33300	32625	1	39994
33302	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, B^0 \to \pi^0\pi^0\rho^+\bar{D}^{*-}n\bar{n}$ $(e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n})$	33301	32626	1	39995
33303	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{B}^0 \to \pi^0\pi^-\rho^+\rho^-\eta D^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^-\eta D^+D_1^+)$	33302	32627	1	39996

index	decay tree (decay initial-final states)	iDcyTr	iDcyIFSts	nEtrs	nCmltEtrs
33304	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\phi\bar{D}^0 D_s^{*+}, \bar{B}^0 \to \rho^- K^0 \bar{K}^* \eta' D^{*+}$ $(e^+e^- \to \pi^-\rho^- K^0 \bar{K}^* \eta' \phi D^{*+} \bar{D}^0 D_s^{*+})$	33303	32628	1	39997
33305	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau \bar{D}^{*-}, \bar{B}^0 \to \omega \bar{K}^0 \eta_c$ $(e^+e^- \to \tau^+\nu_\tau \omega \bar{K}^0 \bar{D}^{*-} \eta_c)$	33304	32629	1	39998
33306	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^- \bar{D}^{*-} \bar{\Delta}^0 p, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^- D^{*+} \bar{D}^{*-} \bar{\Delta}^0 p)$	33305	32630	1	39999
33307	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^0 \Sigma^0 \bar{\Sigma}_c^{*0}, B^0 \to \pi^+\pi^+\pi^- \eta \bar{D}^{*-}$ $(e^+e^- \to \pi^+\pi^+\pi^- \eta K^0 \bar{D}^{*-} \Sigma^0 \bar{\Sigma}_c^{*0})$	33306	32631	1	40000

Table 2: Decay initial-final states.

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}\bar{D}^{*-}$	122	98	98
2	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}$	1179	88	186
3	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}\bar{D}^{*-}$	690	84	270
4	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}\bar{D}^{*-}$	95	84	354
5	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^- D^{*+}$	1104	39	393
6	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+\bar{D}^{*-}$	586	39	432
7	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^- D^{*+}$	364	37	469
8	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}$	521	37	506
9	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_s^{*+}$	2029	37	543
10	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}$	1928	36	579
11	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+\bar{D}^{*-}$	401	34	613
12	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^- D^{*+}$	514	31	644
13	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^- D^{*+}$	2102	31	675
14	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+\bar{D}^{*-}$	3958	31	706
15	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}D_s^{*+}$	18	30	736
16	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}$	2207	28	764
17	$e^+e^- \to e^+\nu_e K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	845	28	792
18	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}$	8	27	819
19	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}$	534	27	846
20	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}a_1^+$	741	26	872
21	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}$	1907	23	895
22	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_s^{*-}$	2890	23	918
23	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}$	1259	23	941
24	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+ D^-$	865	21	962
25	$e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}D_s^{*-}$	2330	21	983
26	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D^{*+}$	120	20	1003
27	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+ D^-$	5038	20	1023
28	$e^+e^- \to e^-\bar{\nu}_e K^+ D^{*+}\bar{D}^{*-}D^{*0}$	573	19	1042
29	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+ D^{*+}\bar{D}^{*-}D^{*0}$	2961	19	1061
30	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^{*+}\bar{D}^{*-}$	407	19	1080
31	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_{s1}'^+$	224	19	1099
32	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^- D^- D^{*+}$	1273	18	1117

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
33	$e^+e^- \to \mu^+\nu_\mu K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	1773	18	1135
34	$e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}a_1^-$	3220	18	1153
35	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}D_s^{*+}$	944	18	1171
36	$e^+e^- \to e^+\nu_e \bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	812	18	1189
37	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D^-$	3443	17	1206
38	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^-D^{*+}$	1971	17	1223
39	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}a_1^-$	3978	17	1240
40	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^{*+}D_1^-$	1448	17	1257
41	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}$	1619	16	1273
42	$e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}D_s^+$	657	16	1289
43	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}D_{s1}'^+$	114	16	1305
44	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-\bar{D}^{*-}$	26	16	1321
45	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+ D^{*+}\bar{D}^{*-}$	1694	15	1336
46	$e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}D_{s1}'^-$	388	15	1351
47	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}a_1^+$	129	15	1366
48	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}$	1272	15	1381
49	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^{*+}\bar{D}^{*-}$	5787	15	1396
50	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}\bar{D}^{*-}$	9005	15	1411
51	$e^+e^- \to e^+\nu_e\bar{K}^0 D^-D^{*+}\bar{D}^{*-}$	884	14	1425
52	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*+}\bar{D}^{*-}$	971	14	1439
53	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^-D^{*+}$	4622	14	1453
54	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D^{*+}\bar{D}^{*-}$	1758	14	1467
55	$e^+e^- \to \mu^+\nu_\mu D^-D^{*+}D_s^{*-}$	5565	14	1481
56	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+\bar{D}^{*-}$	1282	14	1495
57	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\bar{D}^{*-}D_1^+$	1002	14	1509
58	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^-D^{*+}$	1012	13	1522
59	$e^+e^- \to e^+\nu_e\pi^-\eta D^+\bar{D}^{*-}$	1078	13	1535
60	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}$	1454	13	1548
61	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\bar{D}^{*-}D_1^+$	27	13	1561
62	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D^{*+}$	3994	13	1574
63	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_1^-$	4054	13	1587
64	$e^+e^- \to e^-\bar{\nu}_e K^0 D^+D^{*+}\bar{D}^{*-}$	4235	13	1600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
65	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_1^-$	159	13	1613
66	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}$	202	13	1626
67	$e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-}\bar{D}^{*-}$	5298	13	1639
68	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\bar{D}^{*-}D_1'^+$	2694	13	1652
69	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}$	5777	13	1665
70	$e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}D_s^-$	404	13	1678
71	$e^+e^- \to e^+\nu_e K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	6913	13	1691
72	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D^{*+}\bar{D}^{*-}$	119	13	1704
73	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+\bar{D}^{*-}$	4178	12	1716
74	$e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}D_s^{*+}$	1556	12	1728
75	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^{*+}\bar{D}^{*-}$	615	12	1740
76	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_s^{*-}$	4638	12	1752
77	$e^+e^- \to e^-\bar{\nu}_e K^0D^{*+}D^{*+}\bar{D}^{*-}$	1671	12	1764
78	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\bar{D}^{*-}D_1^+$	3274	12	1776
79	$e^+e^- \to \mu^+\nu_\mu K^-D^-D^{*+}\bar{D}^{*0}$	225	12	1788
80	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_s^{*+}$	5575	12	1800
81	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*+}\bar{D}^{*-}$	1718	12	1812
82	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	917	12	1824
83	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+D^-$	6618	12	1836
84	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+D^{*+}\bar{D}^{*-}$	343	12	1848
85	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	1842	12	1860
86	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^{*+}\bar{D}^{*-}$	9146	12	1872
87	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^+\bar{D}^{*-}$	11312	12	1884
88	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	2082	11	1895
89	$e^+e^- \to e^+\nu_e\rho^-D^+\bar{D}^{*-}$	1024	11	1906
90	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}$	3326	11	1917
91	$e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	5288	11	1928
92	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-}D_s^+$	978	11	1939
93	$e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}\bar{D}^{*-}$	3469	11	1950
94	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^-D_1^+$	3879	11	1961
95	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D^{*+}$	994	11	1972
96	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}$	3965	11	1983

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
97	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_s^{*-}$	6480	11	1994
98	$e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}D_s^{*+}$	398	11	2005
99	$e^+e^- \to e^+\nu_e\rho^- D^{*+}\bar{D}^{*-}$	292	11	2016
100	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}$	7628	11	2027
101	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}$	1550	11	2038
102	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}$	3029	11	2049
103	$e^+e^- \to \mu^+\nu_\mu\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	3058	11	2060
104	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+ D^{*+}\bar{D}^{*-}$	2389	10	2070
105	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}D_1^-$	2561	10	2080
106	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^{*+}\bar{D}^0 D_s^+$	5329	10	2090
107	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*+}D_s^{*-}$	719	10	2100
108	$e^+e^- \to e^-\bar{\nu}_e D^+ D^{*+}D_s^-$	863	10	2110
109	$e^+e^- \to e^-\bar{\nu}_e K^* D^- D^{*+}D^{*+}$	5590	10	2120
110	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- D^{*+}\bar{D}^{*-}$	2935	10	2130
111	$e^+e^- \to \mu^+\nu_\mu K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	540	10	2140
112	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}D_{s1}'^+$	1044	10	2150
113	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\bar{D}^{*-}D_1'^+$	2138	10	2160
114	$e^+e^- \to e^-\bar{\nu}_e K^+ D^+\bar{D}^{*-}D^{*0}$	6692	10	2170
115	$e^+e^- \to e^-\bar{\nu}_e D^{*+}D_s^{*+}D_1^-$	346	10	2180
116	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-}$	4439	10	2190
117	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+ D^+\bar{D}^{*-}D^{*0}$	7813	10	2200
118	$e^+e^- \to e^+e^+\nu_e\nu_e D^-\bar{D}^{*-}$	9003	10	2210
119	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}D_s^{*-}$	2227	10	2220
120	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}D_s^{*+}$	2303	10	2230
121	$e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}a_1^+$	900	10	2240
122	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}$	1049	9	2249
123	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}a_1^-$	2660	9	2258
124	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}a_1^-$	3693	9	2267
125	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+} D^{*+}\bar{D}^{*-}D^{*0}$	2178	9	2276
126	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*-}D_s^{*+}$	5471	9	2285
127	$e^+e^- \to e^+\nu_e\pi^+\pi^- D^+\bar{D}^{*-}D_s^{*-}$	5549	9	2294
128	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_2^{*-}$	2886	9	2303

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
129	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	275	9	2312
130	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_1'^-$	125	9	2321
131	$e^+e^- \to e^-\bar{\nu}_e K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	5725	9	2330
132	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^-D^{*+}$	36	9	2339
133	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D^{*+}$	3002	9	2348
134	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	6315	9	2357
135	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-}D_1^+$	4097	9	2366
136	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+\bar{D}^{*-}$	4164	9	2375
137	$e^+e^- \to e^+\nu_e K^-D^-D^{*+}\bar{D}^{*0}$	2314	9	2384
138	$e^+e^- \to \mu^+\nu_\mu D^-D^{*+}D_{s1}'^-$	1607	9	2393
139	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	4336	9	2402
140	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e D^{*+}D^{*+}$	1354	9	2411
141	$e^+e^- \to D^{*+}\bar{D}^{*-}a_1^+D_{s1}'^-$	7970	9	2420
142	$e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_s^{*-}$	8160	9	2429
143	$e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}a_1^+$	8765	9	2438
144	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_s^-$	4562	9	2447
145	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_s^-$	4571	9	2456
146	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}$	2428	9	2465
147	$e^+e^- \to e^+\nu_e D^-\bar{D}^{*-}D_s^{*+}$	9719	9	2474
148	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_s^+$	2453	9	2483
149	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^{*-}$	11781	9	2492
150	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^-D^{*+}$	18716	9	2501
151	$e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}D^{*+}\bar{D}^{*-}$	5310	8	2509
152	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}a_1^+$	3611	8	2517
153	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_{s1}'^-$	881	8	2525
154	$e^+e^- \to e^-\bar{\nu}_e K^*D^+D^{*+}\bar{D}^{*-}$	3785	8	2533
155	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^-D^{*+}$	2652	8	2541
156	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+}D^{*+}$	2030	8	2549
157	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}a_1^-$	2666	8	2557
158	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	1639	8	2565
159	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-}$	2884	8	2573
160	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}D^0D_s^-$	335	8	2581

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
161	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-}D_1'^+$	6235	8	2589
162	$e^+e^- \to e^-\bar{\nu}_e D^{*+}D_2^{*-}D_s^{*+}$	581	8	2597
163	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- D^{*+}\bar{D}^{*-}$	6453	8	2605
164	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}$	4122	8	2613
165	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}D_s^+$	1000	8	2621
166	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- D^+\bar{D}^{*-}D_s^{*-}$	1727	8	2629
167	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_1^+$	2214	8	2637
168	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D^+D^-$	6962	8	2645
169	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^+\bar{D}^{*-}$	7620	8	2653
170	$e^+e^- \to \mu^+\nu_\mu\pi^- D^+\bar{D}^{*-}$	1739	8	2661
171	$e^+e^- \to e^-\bar{\nu}_e D^+D^-D_s^+$	1094	8	2669
172	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+\bar{D}^{*-}$	4475	8	2677
173	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}D_2^{*-}$	3161	8	2685
174	$e^+e^- \to e^+\nu_e\rho^0\pi^- D^{*+}\bar{D}^{*-}$	500	8	2693
175	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- D^{*+}D_1^-$	1137	8	2701
176	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}a_1^+$	552	8	2709
177	$e^+e^- \to e^+\nu_e\bar{K}^* D^+D^-\bar{D}^{*-}$	4893	8	2717
178	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+ D^+\bar{D}^{*-}$	9671	8	2725
179	$e^+e^- \to e^-\bar{\nu}_e K^{*+}D^{*+}\bar{D}^{*-}D^0$	5005	8	2733
180	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^-D^{*+}D_s^+$	1575	8	2741
181	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}\bar{n}p$	11407	8	2749
182	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}a_1^+$	11729	8	2757
183	$e^+e^- \to e^+\nu_e\pi^0\pi^- D^{*+}\bar{D}^{*-}$	1015	8	2765
184	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_0^{*-}$	11830	8	2773
185	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*+}D_s^-$	17695	8	2781
186	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_2^{*+}D_s^{*-}$	3486	8	2789
187	$e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+$	4155	7	2796
188	$e^+e^- \to e^-\bar{\nu}_e\pi^- D^{*+}\bar{D}^0 D_s^+$	1359	7	2803
189	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+ D^-D^{*+}$	5830	7	2810
190	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^{*+}\bar{D}^{*-}$	6034	7	2817
191	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 K^+ D^-D^{*+}$	1778	7	2824
192	$e^+e^- \to e^+\nu_e D^- D^{*+}D_{s1}'^-$	1406	7	2831

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
193	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D'^-_{s1}$	4331	7	2838
194	$e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^+ D^- D^{*+}$	2200	7	2845
195	$e^+e^- \to K^+ D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-}$	3392	7	2852
196	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+} D_s^{*+}$	3407	7	2859
197	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-}D_2^{*+}$	3419	7	2866
198	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+ D^- D^{*+}$	1901	7	2873
199	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+}\bar{D}^{*-}$	7433	7	2880
200	$e^+e^- \to e^+\nu_e\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}$	7436	7	2887
201	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}D_s^{*-}$	2682	7	2894
202	$e^+e^- \to D^+\bar{D}^{*-}D_s^- a_1^+$	453	7	2901
203	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^- D^{*+}$	7676	7	2908
204	$e^+e^- \to e^+\nu_e D^{*+}D_1^- a_1^-$	598	7	2915
205	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^+ D^{*+}\bar{D}^{*-}$	4911	7	2922
206	$e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^{*+} D^{*+}\bar{D}^{*-}$	4973	7	2929
207	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^- D^+\bar{D}^{*-}$	8657	7	2936
208	$e^+e^- \to e^+\nu_e K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	2232	7	2943
209	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^- D_s^+$	2236	7	2950
210	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}$	3870	7	2957
211	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^- D_1^+$	463	7	2964
212	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^- D^{*+} D^{*+}$	9594	7	2971
213	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^+\bar{D}^{*-}$	2002	7	2978
214	$e^+e^- \to \mu^+\nu_\mu\bar{K}^* D^+ D^-\bar{D}^{*-}$	3961	7	2985
215	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}$	10730	7	2992
216	$e^+e^- \to e^+\nu_e K^{*-} D^+\bar{D}^{*-}\bar{D}^0$	2982	7	2999
217	$e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	342	7	3006
218	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^+ D^-$	308	7	3013
219	$e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_s^-$	3047	7	3020
220	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^- D^{*+}\bar{D}^{*-}$	150	7	3027
221	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+} D^+\bar{D}^{*-}D^{*0}$	12019	7	3034
222	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+} D_s^+$	12646	7	3041
223	$e^+e^- \to e^+\nu_e D^-\bar{D}^{*-}a_1^+$	5687	7	3048
224	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+ D^- D^{*+} D^{*0}$	3147	7	3055

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
225	$e^+e^- \to K^0 D^- D^{*+} D^{*+} D_s^{*-}$	9	6	3061
226	$e^+e^- \to e^- \bar{\nu}_e K^{*+} D^- D^{*+} D^0$	1071	6	3067
227	$e^+e^- \to \mu^- \bar{\nu}_\mu D^+ D^- D_{s1}'^+$	5309	6	3073
228	$e^+e^- \to \mu^- \bar{\nu}_\mu K^{*+} D^{*+} \bar{D}^{*-} D^0$	375	6	3079
229	$e^+e^- \to \pi^+ \eta D^- D^{*+} D_s^{*-}$	376	6	3085
230	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- D^{*+} \bar{D}^{*0}$	5376	6	3091
231	$e^+e^- \to \mu^- \bar{\nu}_\mu K^{*+} D^- D^{*+} D^{*0}$	330	6	3097
232	$e^+e^- \to e^+ \nu_e \pi^+ \pi^+ \pi^- \pi^- \bar{D}^{*-} \bar{D}^{*0}$	2272	6	3103
233	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- \rho^+ D^- D^{*+}$	2289	6	3109
234	$e^+e^- \to \mu^- \bar{\nu}_\mu \tau^+ \nu_\tau \bar{D}^{*-} D_1^+$	1128	6	3115
235	$e^+e^- \to \mu^+ \nu_\mu K^{*+} D^- \bar{D}^{*-} D^{*0}$	911	6	3121
236	$e^+e^- \to e^+ \nu_e \mu^- \bar{\nu}_\mu D^{*+} D_1'^-$	1155	6	3127
237	$e^+e^- \to \mu^+ \mu^+ \nu_\mu \nu_\mu D^- \bar{D}^{*-}$	5702	6	3133
238	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- D^- D^{*+} D_s^{*+}$	3582	6	3139
239	$e^+e^- \to e^- \bar{\nu}_e K^+ D^- D^{*+} D^0$	2347	6	3145
240	$e^+e^- \to e^- \bar{\nu}_e D^+ D^{*+} D_s^{*-}$	2354	6	3151
241	$e^+e^- \to \tau^+ \nu_\tau D^- D^{*+} a_1^-$	5822	6	3157
242	$e^+e^- \to e^- \bar{\nu}_e K^+ \bar{D}^{*-} D^{*0} D_1^+$	3701	6	3163
243	$e^+e^- \to e^+ e^- \nu_e \bar{\nu}_e \eta D^- D^{*+}$	2357	6	3169
244	$e^+e^- \to e^+ \nu_e \tau^- \bar{\nu}_\tau \bar{D}^{*-} D_1^+$	3863	6	3175
245	$e^+e^- \to \mu^+ \nu_\mu K^{*-} D^+ \bar{D}^{*-} \bar{D}^0$	2359	6	3181
246	$e^+e^- \to \mu^+ \nu_\mu D^- D^{*+} D_s^-$	579	6	3187
247	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ D^+ \bar{D}^{*-}$	1206	6	3193
248	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \eta D^- D^{*+}$	6512	6	3199
249	$e^+e^- \to \mu^- \bar{\nu}_\mu \tau^+ \nu_\tau D^{*+} D_0^{*-}$	518	6	3205
250	$e^+e^- \to e^+ \nu_e \mu^- \bar{\nu}_\mu D^{*+} D_0^{*-}$	2508	6	3211
251	$e^+e^- \to e^+ \nu_e \mu^- \bar{\nu}_\mu \bar{D}^{*-} D_0^{*+}$	6753	6	3217
252	$e^+e^- \to \mu^- \bar{\nu}_\mu K^+ D^{*+} \bar{D}^{*-} D^0$	6850	6	3223
253	$e^+e^- \to \mu^+ \nu_\mu \bar{D}^{*-} \bar{D}^{*-} D_s^+$	750	6	3229
254	$e^+e^- \to e^+ \nu_e \rho^0 \rho^- D^{*+} \bar{D}^{*-}$	6935	6	3235
255	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \omega D^- D^{*+}$	1791	6	3241
256	$e^+e^- \to e^+ \nu_e \rho^- D^+ D^-$	6976	6	3247

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
257	$e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	6996	6	3253
258	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\bar{D}^{*-}\bar{D}^{*-}$	7216	6	3259
259	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D^{*+}\bar{D}^{*-}$	762	6	3265
260	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	4071	6	3271
261	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}$	1844	6	3277
262	$e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D_s^{*-}$	2672	6	3283
263	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+D^{*+}\bar{D}^{*-}$	983	6	3289
264	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}a_1^-$	1302	6	3295
265	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^{*+}D_1'^-$	7854	6	3301
266	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D^{*+}D_s^+$	2731	6	3307
267	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	2765	6	3313
268	$e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^{*+}D^{*+}\bar{D}^{*0}$	8179	6	3319
269	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}a_1^+$	8308	6	3325
270	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	8390	6	3331
271	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^-D^{*+}$	1319	6	3337
272	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^+D^{*+}$	1948	6	3343
273	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-}$	4387	6	3349
274	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^+D^-\bar{D}^{*-}$	1352	6	3355
275	$e^+e^- \to e^+\nu_eK^{*-}D^-D^{*+}\bar{D}^{*0}$	764	6	3361
276	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}\bar{D}^{*-}$	807	6	3367
277	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}a_1^+$	9613	6	3373
278	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^-D_1'^+$	427	6	3379
279	$e^+e^- \to e^+\nu_eK^-D^+\bar{D}^{*-}\bar{D}^{*0}$	1409	6	3385
280	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_1^+$	9804	6	3391
281	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+D^-$	9895	6	3397
282	$e^+e^- \to e^-\bar{\nu}_eK^+D^+D^-D^{*0}$	9947	6	3403
283	$e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_s^{*-}$	9976	6	3409
284	$e^+e^- \to D^+D^{*+}D_s^-D_s^{*-}$	10547	6	3415
285	$e^+e^- \to e^+\nu_eK^-D^{*+}\bar{D}^{*-}\bar{D}^0$	596	6	3421
286	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}D_{s1}'^+$	4669	6	3427
287	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}$	11343	6	3433
288	$e^+e^- \to \tau^+\nu_\tau K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	4731	6	3439

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
289	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^0D_s^{*-}$	3039	6	3445
290	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}a_1^-$	862	6	3451
291	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-a_1^+$	597	6	3457
292	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^{*+}\bar{D}^{*-}$	3103	6	3463
293	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^+\bar{D}^{*-}$	12249	6	3469
294	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^{*+}D^0$	5020	6	3475
295	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}D_s^+$	13569	6	3481
296	$e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_{s0}^{*-}$	14531	6	3487
297	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_1^+$	15609	6	3493
298	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-a_1^+$	16635	6	3499
299	$e^+e^- \to e^+\nu_e D^-D^{*+}a_1^-$	17525	6	3505
300	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^-D^{*+}$	864	6	3511
301	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}a_1^-$	5216	6	3517
302	$e^+e^- \to e^-\bar{\nu}_e D^{*+}D^{*+}D_s^{*-}$	19743	6	3523
303	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-}$	3352	5	3528
304	$e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}D_s^+$	1924	5	3533
305	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	113	5	3538
306	$e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_{s1}'^+$	1940	5	3543
307	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	5611	5	3548
308	$e^+e^- \to \rho^-D^+\bar{D}^{*-}D_s^{*+}$	3420	5	3553
309	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}D_s^-$	2404	5	3558
310	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{D}^{*-}D^0D_s^{*-}$	179	5	3563
311	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	5758	5	3568
312	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	3478	5	3573
313	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^-D^{*+}$	2445	5	3578
314	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_s^{*+}$	755	5	3583
315	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}$	2480	5	3588
316	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^+\bar{D}^{*-}D_s^-$	5927	5	3593
317	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	5939	5	3598
318	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^+\bar{D}^{*-}$	2484	5	3603
319	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+D^-$	6158	5	3608
320	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+D_0^{*-}$	2500	5	3613

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
321	$e^+e^- \to D^- D^{*+} D_s^+ D_s^{*-}$	6244	5	3618
322	$e^+e^- \to e^- \bar{\nu}_e \mu^+ \nu_\mu \pi^+ \bar{D}^{*-} D^{*0}$	277	5	3623
323	$e^+e^- \to \tau^+ \nu_\tau D^- \bar{D}^{*-} D_s^{*+}$	6387	5	3628
324	$e^+e^- \to e^- \bar{\nu}_e \pi^+ D^- D^{*+}$	6396	5	3633
325	$e^+e^- \to \pi^0 \pi^- D^{*+} \bar{D}^{*-} D_s^{*+}$	2542	5	3638
326	$e^+e^- \to e^+ \nu_e K^0 K^- D^{*+} \bar{D}^{*-}$	2548	5	3643
327	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^+ \pi^- \pi^- D^{*+} \bar{D}^{*0}$	2553	5	3648
328	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^- D^+ \bar{D}^{*-} D_s^-$	6602	5	3653
329	$e^+e^- \to e^- \bar{\nu}_e \rho^+ D^{*+} D_1'^-$	3883	5	3658
330	$e^+e^- \to e^- \bar{\nu}_e D^{*+} D_2^{*-} D_s^+$	6647	5	3663
331	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \rho^0 \pi^- D^+ D^-$	6652	5	3668
332	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \pi^+ \omega D^- D^{*+}$	2014	5	3673
333	$e^+e^- \to \mu^- \bar{\nu}_\mu K^0 D^{*+} D^0 \bar{D}^{*0}$	2586	5	3678
334	$e^+e^- \to \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-} D_s^{*+}$	6810	5	3683
335	$e^+e^- \to \mu^+ \nu_\mu \tau^+ \nu_\tau \bar{D}^{*-} \bar{D}^{*-}$	2589	5	3688
336	$e^+e^- \to e^+ \nu_e \pi^- D^{*+} \bar{D}^{*-}$	2015	5	3693
337	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^- \omega D^{*+} \bar{D}^{*-}$	604	5	3698
338	$e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- D^{*+} \bar{D}^{*-}$	6938	5	3703
339	$e^+e^- \to \tau^+ \nu_\tau \pi^0 D^+ \bar{D}^{*-} D_s^-$	6953	5	3708
340	$e^+e^- \to e^- \bar{\nu}_e \mu^+ \nu_\mu \bar{D}^{*-} D_2^{*+}$	4009	5	3713
341	$e^+e^- \to \mu^+ \nu_\mu D^+ D^- a_1^-$	4047	5	3718
342	$e^+e^- \to \mu^+ \nu_\mu D^- D^{*+} a_1^-$	6994	5	3723
343	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \rho^0 \pi^- D^+ \bar{D}^{*-}$	140	5	3728
344	$e^+e^- \to \bar{K}^0 K^+ D^{*+} \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	1692	5	3733
345	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^+ \pi^- \pi^- \pi^- D^{*+} \bar{D}^{*-}$	2083	5	3738
346	$e^+e^- \to e^+ \nu_e \pi^- D^+ D^-$	303	5	3743
347	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^+ \pi^- D^- D^{*+}$	7551	5	3748
348	$e^+e^- \to e^- \bar{\nu}_e K^- D^+ D^{*+} \bar{D}^{*0}$	7586	5	3753
349	$e^+e^- \to e^+ \nu_e \pi^0 \pi^- D^- D^{*+}$	7619	5	3758
350	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \eta D^- D^{*+}$	2710	5	3763
351	$e^+e^- \to K^{*+} D^{*+} \bar{D}^{*-} D^{*0} D_s^{*-}$	2723	5	3768
352	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- \pi^- D^{*+} D^{*+}$	1342	5	3773

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
353	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}a_1^+$	7722	5	3778
354	$e^+e^- \to e^-\bar{\nu}_e K^0 D^- D^{*+} D^{*+}$	4181	5	3783
355	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	7843	5	3788
356	$e^+e^- \to \bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+$	2154	5	3793
357	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_{s1}'^-$	7884	5	3798
358	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	7956	5	3803
359	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0 D^+ D^-\bar{D}^{*-}$	4278	5	3808
360	$e^+e^- \to K^+K^- D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	8090	5	3813
361	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	4285	5	3818
362	$e^+e^- \to \mu^+\nu_\mu K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^0$	8169	5	3823
363	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+ D^{*+}\bar{D}^{*-}D^{*0}$	834	5	3828
364	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^- D^{*+}\bar{n}p$	8199	5	3833
365	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}$	1737	5	3838
366	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^{*+}\bar{D}^{*-}$	8318	5	3843
367	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	666	5	3848
368	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+ D^{*+}$	8560	5	3853
369	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^- D^{*+}$	8577	5	3858
370	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	4398	5	3863
371	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- D^{*+} D^{*+}$	8705	5	3868
372	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}a_1^+$	4403	5	3873
373	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	8989	5	3878
374	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^{*+}D_0^{*-}$	4424	5	3883
375	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-}$	4435	5	3888
376	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}$	9123	5	3893
377	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^-\bar{D}^{*-}$	9132	5	3898
378	$e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-}$	2894	5	3903
379	$e^+e^- \to \mu^+\nu_\mu K^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	9214	5	3908
380	$e^+e^- \to e^+\nu_e\rho^-\eta D^{*+}\bar{D}^{*-}$	9390	5	3913
381	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+}a_1^+$	9517	5	3918
382	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^{*+} D^{*+}\bar{D}^{*-}$	1114	5	3923
383	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_{s1}'^+$	861	5	3928
384	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	680	5	3933

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
385	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^{*+}\bar{D}^{*-}$	9684	5	3938
386	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^+D^-$	9711	5	3943
387	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^-D_2^{*+}$	2990	5	3948
388	$e^+e^- \to D^+D^-D_s^-D_s^{*+}$	348	5	3953
389	$e^+e^- \to \mu^+\nu_\mu\rho^-D^-D_2^{*+}$	2245	5	3958
390	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}a_1^-$	2257	5	3963
391	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^{*-}D_1^+$	9972	5	3968
392	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_s^{*-}$	1835	5	3973
393	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_0^{*-}$	10001	5	3978
394	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D^{*+}D_s^{*+}$	10011	5	3983
395	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+D^-D^{*0}$	10471	5	3988
396	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^0D_s^-$	1453	5	3993
397	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+D_1^-$	10597	5	3998
398	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}D^0D_s^{*-}$	10607	5	4003
399	$e^+e^- \to e^-\bar{\nu}_eK^+D^+\bar{D}^{*-}D^0$	10638	5	4008
400	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^+D_1^-$	4954	5	4013
401	$e^+e^- \to e^-\bar{\nu}_eD^-D_s^{*+}D_1^+$	10847	5	4018
402	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^{*+}\bar{D}^{*-}$	10862	5	4023
403	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^{*+}D_1^+$	10885	5	4028
404	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}D_s^+$	10939	5	4033
405	$e^+e^- \to e^+\nu_e\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}$	10958	5	4038
406	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\bar{D}^{*-}D_0^{*+}$	11071	5	4043
407	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^-D_0^{*+}$	11110	5	4048
408	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^+D^-\bar{D}^0$	3070	5	4053
409	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau D^-\bar{D}^{*-}$	3075	5	4058
410	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	5011	5	4063
411	$e^+e^- \to \mu^+\nu_\mu D^+D^-D_s^-$	11568	5	4068
412	$e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	1160	5	4073
413	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^{*-}D_1^+$	1849	5	4078
414	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	5072	5	4083
415	$e^+e^- \to e^+\nu_eD^-D^{*+}D_s^{*-}$	1894	5	4088
416	$e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}a_1^+$	12024	5	4093

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
417	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}$	12086	5	4098
418	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}$	3166	5	4103
419	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D^0D_s^-$	12333	5	4108
420	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e X_u^- D^{*+}$	5295	5	4113
421	$e^+e^- \to e^-\bar{\nu}_e K^+ D^{*+}\bar{D}^{*-}D^0$	13086	5	4118
422	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^- a_1^-$	13343	5	4123
423	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}$	13510	5	4128
424	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_1^-$	13564	5	4133
425	$e^+e^- \to e^-\bar{\nu}_e K^+ D^- D^{*+}D^{*0}$	3219	5	4138
426	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	1478	5	4143
427	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+\bar{D}^{*-}$	14868	5	4148
428	$e^+e^- \to e^+\nu_e D^+\bar{D}^{*-}D_{s1}'^-$	15234	5	4153
429	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}D_s^+$	15251	5	4158
430	$e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-}\bar{D}^{*-}$	2353	5	4163
431	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-}$	15793	5	4168
432	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^- D^{*+}\bar{D}^{*-}$	16194	5	4173
433	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	16364	5	4178
434	$e^+e^- \to e^+\nu_e\rho^-\omega D^+\bar{D}^{*-}$	16505	5	4183
435	$e^+e^- \to \mu^+\nu_\mu K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	3281	5	4188
436	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+D^-D_s^{*+}$	3308	5	4193
437	$e^+e^- \to \tau^+\nu_\tau\rho^- D^+\bar{D}^{*-}$	28	5	4198
438	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	5499	5	4203
439	$e^+e^- \to \rho^- D^{*+}\bar{D}^{*-}a_1^+$	19327	5	4208
440	$e^+e^- \to K^0 D^{*+}D^{*+}\bar{D}^{*-}D_s^{*-}$	5534	5	4213
441	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1^+$	21353	5	4218
442	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	3586	4	4222
443	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D^- D^{*+}D_s^{*+}$	6175	4	4226
444	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-}$	6185	4	4230
445	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- D^+\bar{D}^{*-}$	3604	4	4234
446	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}D_{s1}'^+$	2493	4	4238
447	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+ D^{*+}\bar{D}^{*-}$	6297	4	4242
448	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	3684	4	4246

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
449	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}$	6337	4	4250
450	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}a_1^-$	6353	4	4254
451	$e^+e^- \to e^+\nu_e K^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	1401	4	4258
452	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$	706	4	4262
453	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\bar{p}\Sigma_c^{++}$	3783	4	4266
454	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+\bar{D}^{*-}$	713	4	4270
455	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_{s1}^-$	6508	4	4274
456	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}a_1^-$	3817	4	4278
457	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}D_2^{*-}$	6528	4	4282
458	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	6585	4	4286
459	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^{*+}D_1^-$	1425	4	4290
460	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^+D_0^{*-}$	6615	4	4294
461	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	866	4	4298
462	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+D^-$	6628	4	4302
463	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_1'^-$	875	4	4306
464	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^+\bar{D}^{*-}$	1981	4	4310
465	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^+D^-$	3904	4	4314
466	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^+D^-\bar{D}^{*-}$	6698	4	4318
467	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	6717	4	4322
468	$e^+e^- \to \bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	3914	4	4326
469	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^{*+}\bar{D}^{*-}$	1992	4	4330
470	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	2618	4	4334
471	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	2628	4	4338
472	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+D^+\bar{D}^{*-}$	1092	4	4342
473	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e D^{*+}D_2^{*+}$	2007	4	4346
474	$e^+e^- \to \mu^+\nu_\mu K^-D^-D^{*+}\bar{D}^0$	6952	4	4350
475	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^-D^{*+}$	279	4	4354
476	$e^+e^- \to K^-K^{*+}D^-D^{*+}D^{*0}\bar{D}^{*0}$	6960	4	4358
477	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D^0D_s^{*-}$	4013	4	4362
478	$e^+e^- \to \rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	1479	4	4366
479	$e^+e^- \to \rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	2026	4	4370
480	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_1'^-$	1512	4	4374

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
481	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^{*+}\bar{D}^{*-}$	7000	4	4378
482	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^{*+}D_s^-$	7016	4	4382
483	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_1'^+$	7077	4	4386
484	$e^+e^- \to K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-}$	7095	4	4390
485	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}D_{s1}'^-$	7200	4	4394
486	$e^+e^- \to e^+\nu_e\pi^+D^-D^0D_s^{*-}$	1540	4	4398
487	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	7374	4	4402
488	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	7424	4	4406
489	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_s^+$	2050	4	4410
490	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_{s1}'^+$	4146	4	4414
491	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D_s^{*-}D_1^+$	7486	4	4418
492	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^+\bar{D}^{*-}$	1101	4	4422
493	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+\bar{D}^{*-}D_s^-$	2743	4	4426
494	$e^+e^- \to K^0D^-D^{*+}D^{*+}D_{s1}'^-$	735	4	4430
495	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}D_1^-$	2816	4	4434
496	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}$	2853	4	4438
497	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}n\bar{p}$	4256	4	4442
498	$e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}a_1^+$	7693	4	4446
499	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta\omega D^-\bar{D}^{*-}$	7700	4	4450
500	$e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{D}^{*-}$	2086	4	4454
501	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^+D^-D_s^{*-}$	7745	4	4458
502	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	7783	4	4462
503	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D_s^+D_1^-$	739	4	4466
504	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^+D^-$	7817	4	4470
505	$e^+e^- \to D^-D^{*+}D_s^+D_{s1}'^-$	4296	4	4474
506	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau D^+D^{*+}$	4307	4	4478
507	$e^+e^- \to e^+\nu_e\pi^0D^+\bar{D}^{*-}D_s^-$	7866	4	4482
508	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	4318	4	4486
509	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^{*-}$	7940	4	4490
510	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	2111	4	4494
511	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-}$	2891	4	4498
512	$e^+e^- \to D^{*+}\bar{D}^{*-}a_1^+a_1^-$	8080	4	4502

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
513	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	4349	4	4506
514	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^-D_s^+$	8135	4	4510
515	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	477	4	4514
516	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^{*+}D_{s1}'^-$	2914	4	4518
517	$e^+e^- \to e^+\nu_e K^+D^-\bar{D}^{*-}D^{*0}$	8177	4	4522
518	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_{s1}'^-$	4400	4	4526
519	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	397	4	4530
520	$e^+e^- \to K_L\bar{D}^{*-}D_s^{*+}J/\psi$	8201	4	4534
521	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^-D^{*+}$	2167	4	4538
522	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^+\bar{D}^{*-}$	2963	4	4542
523	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	1141	4	4546
524	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}$	8532	4	4550
525	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}$	1643	4	4554
526	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^-D^{*+}$	4520	4	4558
527	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+D^{*+}\bar{D}^{*-}D^{*0}$	8654	4	4562
528	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}$	922	4	4566
529	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+D^-D^{*+}$	1689	4	4570
530	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	8733	4	4574
531	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0D^{*0}\bar{D}^{*0}$	4618	4	4578
532	$e^+e^- \to e^+\nu_e\rho^-\eta D^+D^-$	8784	4	4582
533	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^-D_1^+$	8807	4	4586
534	$e^+e^- \to \pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*-}$	204	4	4590
535	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D^{*+}D_s^{*+}$	956	4	4594
536	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+}D_1'^+$	4644	4	4598
537	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	9018	4	4602
538	$e^+e^- \to \mu^+\nu_\mu D^+D_1^-a_1^-$	9050	4	4606
539	$e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}\bar{D}^{*-}$	4661	4	4610
540	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-D_0^{*-}$	1696	4	4614
541	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}$	4706	4	4618
542	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^{*+}\bar{D}^0$	9198	4	4622
543	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+D^-$	9205	4	4626
544	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}D_s^{*-}$	1187	4	4630

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
545	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-D^{*+}$	9273	4	4634
546	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	4818	4	4638
547	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}n\bar{p}$	9391	4	4642
548	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^-D_2^{*+}$	9476	4	4646
549	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^{*+}\bar{D}^{*-}$	41	4	4650
550	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-}$	4910	4	4654
551	$e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D_s^-$	3085	4	4658
552	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D_2^{*+}$	86	4	4662
553	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	1738	4	4666
554	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eX_u^+\bar{D}^{*-}$	9705	4	4670
555	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^-$	4984	4	4674
556	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^{*+}D_1'^-$	2298	4	4678
557	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*+}D_s^{*-}$	9721	4	4682
558	$e^+e^- \to e^+\nu_e\bar{K}^0D^+D^-\bar{D}^{*-}$	9767	4	4686
559	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	9770	4	4690
560	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}D_s^{*+}$	5007	4	4694
561	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^{*+}D^{*0}$	9815	4	4698
562	$e^+e^- \to e^+\nu_e\rho^0\rho^-D^-D^{*+}$	191	4	4702
563	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	3168	4	4706
564	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	3194	4	4710
565	$e^+e^- \to e^+\nu_e\pi^0D^+\bar{D}^{*-}D_s^{*-}$	1744	4	4714
566	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-D^{*+}D_1^-$	9992	4	4718
567	$e^+e^- \to \pi^-K^-D^{*+}\bar{D}^0\bar{D}^{*0}D_s^+$	5103	4	4722
568	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1'^+$	5150	4	4726
569	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^-D^{*+}$	10036	4	4730
570	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+D_2^{*-}$	10075	4	4734
571	$e^+e^- \to K^*D^+D^+D^-D_s^{*-}$	10094	4	4738
572	$e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-}D_0^{*-}$	10155	4	4742
573	$e^+e^- \to \rho^0\pi^-\rho^+D^-D^{*+}$	10294	4	4746
574	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}$	10416	4	4750
575	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	5163	4	4754
576	$e^+e^- \to D^{*+}\bar{D}^{*-}a_1^-D_{s1}'^+$	5169	4	4758

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
577	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^- D^{*+}D^{*+}$	5202	4	4762
578	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^- D^+\bar{D}^{*-}D_s^{*-}$	617	4	4766
579	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-}D^{*0}$	5235	4	4770
580	$e^+e^- \to \pi^0\pi^- K^+D^{*+}\bar{D}^{*-}D^{*0}$	5245	4	4774
581	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D_2^{*+}\bar{D}^0D_s^+$	10766	4	4778
582	$e^+e^- \to K^0K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	10792	4	4782
583	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^+D^-$	10837	4	4786
584	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}$	5259	4	4790
585	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- D^-D^{*+}$	5273	4	4794
586	$e^+e^- \to \mu^-\bar{\nu}_\mu K^- D^+D^{*+}\bar{D}^{*0}$	3222	4	4798
587	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	10896	4	4802
588	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^- D^{*+}\bar{D}^{*-}$	10929	4	4806
589	$e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+$	3227	4	4810
590	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}n\bar{\Delta}^0$	3264	4	4814
591	$e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	11000	4	4818
592	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D_s^{*-}D_1'^+$	11041	4	4822
593	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^+D^{*+}$	11065	4	4826
594	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_0^{*+}$	1763	4	4830
595	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^- D^+D^-$	11098	4	4834
596	$e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}a_1^+$	3280	4	4838
597	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^- D^+$	422	4	4842
598	$e^+e^- \to e^-\bar{\nu}_eD^+D_2^{*-}D_s^+$	1300	4	4846
599	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^{*+}\bar{D}^{*-}$	11354	4	4850
600	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	11375	4	4854
601	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^- D^-D^{*+}$	5414	4	4858
602	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+D^-D^{*+}$	11503	4	4862
603	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\bar{n}\Delta^0$	5448	4	4866
604	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_{s1}'^+$	11615	4	4870
605	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^+D^-$	11633	4	4874
606	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	11700	4	4878
607	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^+D^-D_s^-$	1301	4	4882
608	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	11768	4	4886

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
609	$e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_s^-$	3351	4	4890
610	$e^+e^- \to \mu^+\nu_\mu \bar{K}^* D^+D^-D^-$	5500	4	4894
611	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^{*+}\bar{D}^{*-}$	11851	4	4898
612	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1'^+$	11860	4	4902
613	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^-D^{*+}$	5506	4	4906
614	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*-}D_s^+$	1793	4	4910
615	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-D^-D^{*+}$	12054	4	4914
616	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}$	3389	4	4918
617	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta D^-D^{*+}$	1804	4	4922
618	$e^+e^- \to e^+\nu_e D^{*+}D_2^{*-}D_s^{*-}$	334	4	4926
619	$e^+e^- \to \pi^-\bar{K}^0K^+D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	5588	4	4930
620	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}$	12658	4	4934
621	$e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}D_s^-$	12980	4	4938
622	$e^+e^- \to e^+\nu_e\rho^-D^-D^{*+}$	13073	4	4942
623	$e^+e^- \to e^-\bar{\nu}_e\rho^+\omega D^{*+}\bar{D}^{*-}$	13080	4	4946
624	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	668	4	4950
625	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+D^{*+}$	13280	4	4954
626	$e^+e^- \to e^+\nu_e D^+D^-D_s^{*-}$	2430	4	4958
627	$e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}a_1^-$	5623	4	4962
628	$e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^{*+}\bar{D}^{*-}$	5677	4	4966
629	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\bar{D}^{*-}D_1'^+$	3428	4	4970
630	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+}$	13688	4	4974
631	$e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}D_{s1}'^+$	13727	4	4978
632	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^+D^-$	13860	4	4982
633	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^{*+}\bar{D}^0D_s^+$	14061	4	4986
634	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^+D_1'^-$	2436	4	4990
635	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}\bar{D}^0D_s^{*+}$	14721	4	4994
636	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}$	14794	4	4998
637	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}D_s^{*-}$	14827	4	5002
638	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}$	3447	4	5006
639	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+D^-$	15074	4	5010
640	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}$	15149	4	5014

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
641	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^+\bar{D}^{*-}D_s^-$	5	4	5018
642	$e^+e^- \to e^+\nu_e D^+D_2^{*-}D_s^{*-}$	1018	4	5022
643	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^-D^{*+}D^{*+}\bar{D}^{*0}$	15310	4	5026
644	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}$	15330	4	5030
645	$e^+e^- \to e^+\nu_e\rho^0\pi^-D^{*+}D_1^-$	5778	4	5034
646	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^-D^{*+}D^{*+}$	15622	4	5038
647	$e^+e^- \to \rho^0\pi^+\bar{D}^{*-}D_2^{*+}D_s^-$	3481	4	5042
648	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	16050	4	5046
649	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}D_s^{*+}$	456	4	5050
650	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	3498	4	5054
651	$e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}D_s^{*-}$	16388	4	5058
652	$e^+e^- \to e^+\nu_e\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	5860	4	5062
653	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+D^{*+}\bar{D}^{*-}$	16587	4	5066
654	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	5862	4	5070
655	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^+D^-\bar{D}^{*0}$	16897	4	5074
656	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^-D^{*+}$	17013	4	5078
657	$e^+e^- \to \mu^+\nu_\mu K^0D^-D^{*+}\bar{D}^{*-}$	17307	4	5082
658	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+}$	17332	4	5086
659	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	5908	4	5090
660	$e^+e^- \to e^+\nu_e\rho^+D^-\bar{D}^{*-}$	3519	4	5094
661	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^0$	17985	4	5098
662	$e^+e^- \to \pi^+\eta D^-D^{*+}a_1^-$	18108	4	5102
663	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}$	18705	4	5106
664	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_0^{*-}$	3522	4	5110
665	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D^{*+}$	18779	4	5114
666	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^{*+}\bar{D}^{*-}$	19018	4	5118
667	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^+\bar{D}^0D_s^+$	1031	4	5122
668	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^{*+}D_1'^-$	6065	4	5126
669	$e^+e^- \to K^0D^+D^-D^{*+}a_1^-$	20047	4	5130
670	$e^+e^- \to \pi^+\rho^-\omega\omega D^+D^-$	20115	4	5134
671	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^+D^-$	20336	4	5138
672	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-}D_2^{*+}$	20371	4	5142

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
673	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_2^{*+}D_s^-$	6117	4	5146
674	$e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}a_1^+$	21531	4	5150
675	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_1'^+$	21813	4	5154
676	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\omega D^+D^{*+}$	21887	4	5158
677	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	22649	4	5162
678	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^{*+}$	23239	4	5166
679	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^+\bar{D}^{*-}$	26886	4	5170
680	$e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}\bar{D}^{*-}\gamma$	1563	3	5173
681	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	6243	3	5176
682	$e^+e^- \to \rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	1566	3	5179
683	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-D_s^+$	6262	3	5182
684	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_1'^+$	3494	3	5185
685	$e^+e^- \to \rho^+K^{*-}D^+D^-\bar{D}^0$	6303	3	5188
686	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^+D^-$	3496	3	5191
687	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}$	6331	3	5194
688	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}D_s^{*+}$	1567	3	5197
689	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^-D^{*+}$	6351	3	5200
690	$e^+e^- \to \pi^0\pi^-K^{*+}D^-D^{*+}D^{*0}$	3507	3	5203
691	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}n\bar{\Delta}^0$	6365	3	5206
692	$e^+e^- \to K^{*+}D^-D^{*+}D^{*0}D_s^{*-}$	327	3	5209
693	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{\Delta}^-\Delta^0$	1577	3	5212
694	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^+D^-$	6421	3	5215
695	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*-}$	6425	3	5218
696	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^-D^{*+}$	6445	3	5221
697	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*-}D_s^{*+}$	3570	3	5224
698	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+}$	6472	3	5227
699	$e^+e^- \to \tau^+\nu_\tau\pi^-\omega D^{*+}\bar{D}^{*-}$	1590	3	5230
700	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	3585	3	5233
701	$e^+e^- \to e^+\nu_eK^+\bar{D}^{*-}\bar{D}^{*-}D^0$	1604	3	5236
702	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	6523	3	5239
703	$e^+e^- \to \pi^0\pi^+\rho^-D^+\bar{D}^{*-}$	541	3	5242
704	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\omega D^+D^{*+}$	6530	3	5245

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
705	$e^+e^- \to e^-\bar{\nu}_e D^+ D_2^{*+} D_s^{*-}$	6557	3	5248
706	$e^+e^- \to e^-\bar{\nu}_e \rho^0 \pi^+ \omega D^- D^{*+}$	3607	3	5251
707	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+} D^+ \bar{D}^{*-} D^0$	216	3	5254
708	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	3639	3	5257
709	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^- D^+\bar{D}^{*-}$	567	3	5260
710	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	6626	3	5263
711	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^- D^{*+} D^{*+}$	3690	3	5266
712	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D_s^- D_1'^+$	1640	3	5269
713	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^- D^+\bar{D}^{*-}$	1079	3	5272
714	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}$	6685	3	5275
715	$e^+e^- \to K^0 D^{*+}\bar{D}^{*-} D_s^{*-} D_1^+$	6691	3	5278
716	$e^+e^- \to e^-\bar{\nu}_e K^{*-} D^+ D^{*+}\bar{D}^{*0}$	3714	3	5281
717	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-}$	3753	3	5284
718	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+ D^+\bar{D}^{*-}$	6701	3	5287
719	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^+ D^-$	779	3	5290
720	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+}$	1687	3	5293
721	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^+\bar{D}^{*-}$	6756	3	5296
722	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-} D^0$	6759	3	5299
723	$e^+e^- \to K^* D^{*+} D^{*+}\bar{D}^{*-} D_s^{*-}$	6788	3	5302
724	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^- D^{*+}$	3814	3	5305
725	$e^+e^- \to \rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	6827	3	5308
726	$e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	2425	3	5311
727	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	6867	3	5314
728	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^- D^+\bar{D}^{*-} n\bar{n}$	6882	3	5317
729	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_s^+ D_1^+$	3826	3	5320
730	$e^+e^- \to e^+\nu_e\rho^0\rho^- D^+ D^-$	6915	3	5323
731	$e^+e^- \to \rho^0\pi^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	3841	3	5326
732	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	56	3	5329
733	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-} D_0^{*-}$	6951	3	5332
734	$e^+e^- \to \tau^+\nu_\tau K^0 K^- D^+ D_2^{*-}$	575	3	5335
735	$e^+e^- \to e^-\bar{\nu}_e D^+ D^-\bar{n}p$	3871	3	5338
736	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-} D_1^-$	6959	3	5341

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
737	$e^+e^- \to \rho^0\pi^- D^{*+} D^{*+} D_s^{*-}$	828	3	5344
738	$e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^+ D^+ \bar{D}^{*-}$	3880	3	5347
739	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+ D^{*+}\bar{D}^{*-}$	3881	3	5350
740	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^- D^{*+}$	2439	3	5353
741	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-} D^0 D_s^- D_s^{*+}$	3899	3	5356
742	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	415	3	5359
743	$e^+e^- \to \mu^+\nu_\mu\rho^0 K^0 K^{*-} D^+\bar{D}^{*-}$	10	3	5362
744	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- D^- D^{*+}$	7037	3	5365
745	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} D_2^{*+} D_{s1}'^-$	7046	3	5368
746	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^{*+}\bar{D}^{*-}$	7067	3	5371
747	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+ D_1^-$	3927	3	5374
748	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^- D^{*+} D^{*+}$	848	3	5377
749	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^+ a_1^-$	7104	3	5380
750	$e^+e^- \to \pi^0\pi^+ D^{*+}\bar{D}^{*-} a_1^-$	7111	3	5383
751	$e^+e^- \to \pi^0\pi^+ K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	7191	3	5386
752	$e^+e^- \to D^+\bar{D}^{*-} D_s^{*-} a_1^+$	1732	3	5389
753	$e^+e^- \to e^-\bar{\nu}_e K^* D^+ D^+ D^-$	7204	3	5392
754	$e^+e^- \to K^- D^- D^{*+}\bar{D}^{*0} D_s^{*+}$	7210	3	5395
755	$e^+e^- \to \mu^+\nu_\mu\rho^- D^{*+}\bar{D}^{*-} n\bar{n}$	849	3	5398
756	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-} D_1'^+$	7243	3	5401
757	$e^+e^- \to \bar{K}^0 D^+ D^{*+}\bar{D}^{*-} D_s^{*-}$	7364	3	5404
758	$e^+e^- \to \rho^+\bar{K}^0 D^- D^{*+}\bar{D}^{*-}$	1154	3	5407
759	$e^+e^- \to \pi^-\rho^+\rho^+\rho^- D^+ D^-$	7379	3	5410
760	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\eta D^- D^{*+}$	7397	3	5413
761	$e^+e^- \to K^+ K^{*-} D^{*+}\bar{D}^{*-} D^{*0}\bar{D}^{*0}$	7402	3	5416
762	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+ D^{*+}\bar{D}^{*-}$	242	3	5419
763	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\rho^- D^{*+}$	4002	3	5422
764	$e^+e^- \to \mu^+\nu_\mu K^{*-} D^+\bar{D}^{*-}\bar{D}^{*0}$	4006	3	5425
765	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- D^- D^{*+}$	7442	3	5428
766	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^- D^{*+}$	2517	3	5431
767	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	7524	3	5434
768	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^0 D_s^+$	7535	3	5437

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
769	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+D^-$	1743	3	5440
770	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	4025	3	5443
771	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-$	7589	3	5446
772	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^{*+}\bar{D}^{*-}$	7592	3	5449
773	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	7594	3	5452
774	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	7614	3	5455
775	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+D^-D^{*+}$	4039	3	5458
776	$e^+e^- \to K^*K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	2546	3	5461
777	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^+D^-$	1156	3	5464
778	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^+a_1^-$	7643	3	5467
779	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	7651	3	5470
780	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}$	7654	3	5473
781	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	7674	3	5476
782	$e^+e^- \to \rho^+\bar{K}^*D^+D^-\bar{D}^{*-}$	593	3	5479
783	$e^+e^- \to e^+\nu_eD^-D^-D_s^+$	4077	3	5482
784	$e^+e^- \to e^+\nu_eD_2^{*+}D_s^{*-}D_1^-$	4086	3	5485
785	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_s^{*+}D_1^+$	7710	3	5488
786	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	1161	3	5491
787	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^+D^+$	1174	3	5494
788	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Delta^-\bar{n}$	7756	3	5497
789	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	4130	3	5500
790	$e^+e^- \to e^+\nu_e\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	7804	3	5503
791	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	4134	3	5506
792	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\eta D^+D^-$	1775	3	5509
793	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_s^{*+}\gamma$	7836	3	5512
794	$e^+e^- \to e^+\nu_eD^+D^-a_1^-$	7837	3	5515
795	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{n}p$	4153	3	5518
796	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^*D^-J/\psi$	595	3	5521
797	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	7862	3	5524
798	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-D^-D^{*+}$	4159	3	5527
799	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	2622	3	5530
800	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	7886	3	5533

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
801	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	7938	3	5536
802	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0}$	4165	3	5539
803	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}$	252	3	5542
804	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^+\bar{D}^{*-}$	258	3	5545
805	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	4182	3	5548
806	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^+\bar{D}^{*-}D^0D_s^-$	4184	3	5551
807	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\eta\bar{D}^{*-}$	8092	3	5554
808	$e^+e^- \to \pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	4191	3	5557
809	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_{s1}'^+$	4222	3	5560
810	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	1799	3	5563
811	$e^+e^- \to \mu^+\nu_\mu\eta K^*K^-D^{*+}\bar{D}^{*-}$	4248	3	5566
812	$e^+e^- \to \bar{D}^{*-}D_s^{*-}D_1^+D_{s1}'^+$	1207	3	5569
813	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	8184	3	5572
814	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D^{*+}D_s^+$	1816	3	5575
815	$e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}a_1^+$	2674	3	5578
816	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^+\bar{D}^{*-}$	8274	3	5581
817	$e^+e^- \to K^0D^-D^{*+}D^{*+}a_1^-$	8286	3	5584
818	$e^+e^- \to D^{*+}D_2^{*-}D_s^-D_s^{*+}$	8287	3	5587
819	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	8293	3	5590
820	$e^+e^- \to \pi^+D^-D^{*+}D_s^{*-}$	2681	3	5593
821	$e^+e^- \to \pi^+\omega D^-D^{*+}D_{s1}'^-$	1832	3	5596
822	$e^+e^- \to \bar{K}^*K^+D^+D^-\bar{D}^{*-}D^{*0}$	8347	3	5599
823	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+D^-D^{*+}$	1220	3	5602
824	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-D_{s1}'^-$	8411	3	5605
825	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-}J/\psi$	8442	3	5608
826	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^+\bar{D}^{*-}$	8505	3	5611
827	$e^+e^- \to e^-\bar{\nu}_eD^+D^-D_s^{*+}$	8523	3	5614
828	$e^+e^- \to \mu^+\nu_\mu K^+D^-\bar{D}^{*-}D^{*0}$	8526	3	5617
829	$e^+e^- \to \pi^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	2707	3	5620
830	$e^+e^- \to \pi^+\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	1229	3	5623
831	$e^+e^- \to e^+\nu_e\pi^0\pi^+D^-D^0D_s^{*-}$	4338	3	5626
832	$e^+e^- \to K^{*-}D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	1234	3	5629

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
833	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^+D^-D^-$	4381	3	5632
834	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\bar{D}^{*-}D_2^{*-}$	8658	3	5635
835	$e^+e^- \to e^+\nu_e\eta D^{*+}\bar{D}^{*-}D_s^{*-}$	8696	3	5638
836	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+D^{*+}$	2725	3	5641
837	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	1256	3	5644
838	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\omega D^+\bar{D}^{*-}$	1860	3	5647
839	$e^+e^- \to \mu^+\nu_\mu\rho^+\omega D^-\bar{D}^{*-}$	1866	3	5650
840	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	4421	3	5653
841	$e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}D_s^-$	8819	3	5656
842	$e^+e^- \to \pi^0\rho^+D^-\bar{D}^{*-}D_s^+$	8854	3	5659
843	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\omega D^-D^{*+}$	8904	3	5662
844	$e^+e^- \to e^-\bar{\nu}_eK^0D^+D^-D^{*+}$	8919	3	5665
845	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^-$	8925	3	5668
846	$e^+e^- \to e^+e^+\nu_e\nu_eD^-D^-$	8926	3	5671
847	$e^+e^- \to \pi^-\bar{K}^*D^+D^-\bar{D}^{*0}D_s^+$	8958	3	5674
848	$e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}$	8965	3	5677
849	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	8979	3	5680
850	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}D_s^{*+}$	8982	3	5683
851	$e^+e^- \to \tau^+\nu_\tau D^-D^{*+}D_s^-$	8983	3	5686
852	$e^+e^- \to e^+\nu_eD^-D_2^{*+}D_s^-$	2771	3	5689
853	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{n}p$	1872	3	5692
854	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\bar{D}^{*-}$	2820	3	5695
855	$e^+e^- \to \mu^+\nu_\mu\pi^0K^*K^-D^+\bar{D}^{*-}$	4446	3	5698
856	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*-}$	4465	3	5701
857	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-}D_0^{*+}$	9076	3	5704
858	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	9077	3	5707
859	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	9081	3	5710
860	$e^+e^- \to \rho^-K^*D^+D^{*+}\bar{D}^{*-}$	2825	3	5713
861	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}D_1'^-$	9131	3	5716
862	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}$	4507	3	5719
863	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	9145	3	5722
864	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D_1^-$	1882	3	5725

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
865	$e^+e^- \to \tau^+\nu_\tau\pi^0 D^+ D^- D_s^-$	4555	3	5728
866	$e^+e^- \to K^0 D^+ D^{*+} \bar{D}^{*-} a_1^-$	9204	3	5731
867	$e^+e^- \to \tau^+\nu_\tau K^+ D^- \bar{D}^{*-} D^{*0}$	2860	3	5734
868	$e^+e^- \to \pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	4565	3	5737
869	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^0 D^+ D^- D^{*+}$	9238	3	5740
870	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^+ \bar{D}^0 D_s^{*+}$	9263	3	5743
871	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta D^- D^{*+}$	1892	3	5746
872	$e^+e^- \to \pi^0\pi^- K^* D^{*+} D^{*+} \bar{D}^{*-}$	9305	3	5749
873	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	4590	3	5752
874	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\rho^- D^- D^{*+}$	458	3	5755
875	$e^+e^- \to \tau^+\nu_\tau\bar{K}^* D^- D^{*+}\bar{D}^{*-}$	9409	3	5758
876	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- D^+ D^- D_s^{*-}$	9455	3	5761
877	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^- D^{*+}$	9457	3	5764
878	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} D_s^{*-} D_1'^+$	115	3	5767
879	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^- D^+ \bar{D}^{*0}$	9495	3	5770
880	$e^+e^- \to e^+\nu_e K^{*-} D^- D^{*+}\bar{D}^0$	193	3	5773
881	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^- D_1'^+$	9539	3	5776
882	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^0 D^{*+} D^{*+}\bar{D}^{*-}$	1911	3	5779
883	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^- D^- D^{*+} D_s^+$	9601	3	5782
884	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+ D^- D^0 D_s^{*-}$	2895	3	5785
885	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^{*+} D^+ \bar{D}^{*-} D^{*0}$	9638	3	5788
886	$e^+e^- \to e^+\nu_e D^- \bar{D}^{*-} D_s^+$	9647	3	5791
887	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta D^+ \bar{D}^{*-}$	1277	3	5794
888	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^- D^{*+}$	9675	3	5797
889	$e^+e^- \to D^{*+}\bar{D}^{*-} D_s^{*-} a_1^+$	4670	3	5800
890	$e^+e^- \to \pi^0\pi^0\rho^+ D^+ D^- D_s^{*-}$	4703	3	5803
891	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- D^{*+} D^{*+}$	480	3	5806
892	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+ D_0^{*-}$	2938	3	5809
893	$e^+e^- \to \rho^0\pi^+\pi^+\pi^- D^+ D^- D_s^-$	4747	3	5812
894	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+ D^+ D^-$	4757	3	5815
895	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0 D^{*+}\bar{D}^{*-}$	4782	3	5818
896	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-} D_{s1}'^+$	9777	3	5821

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
897	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{D}^0$	4793	3	5824
898	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	9813	3	5827
899	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^-D^{*+}$	2940	3	5830
900	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+D^-$	9854	3	5833
901	$e^+e^- \to e^+\nu_e\pi^-\omega D^+D^-$	9879	3	5836
902	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_1^+D_{s1}'^+$	4835	3	5839
903	$e^+e^- \to \mu^+\nu_\mu\rho^-D^-D^{*+}$	9904	3	5842
904	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^+\bar{D}^{*-}$	1933	3	5845
905	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_s^+$	9970	3	5848
906	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-\bar{D}^{*-}n\bar{n}$	4907	3	5851
907	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega D^{*+}\bar{D}^{*-}$	1295	3	5854
908	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	9981	3	5857
909	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^{*+}\bar{D}^{*-}$	649	3	5860
910	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-D^-D^{*+}$	4932	3	5863
911	$e^+e^- \to e^+\nu_eD^{*+}D_2^{*-}a_1^-$	2988	3	5866
912	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}$	488	3	5869
913	$e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}D_s^+$	10066	3	5872
914	$e^+e^- \to D^{*+}D_2^{*-}D_s^{*+}a_1^-$	2994	3	5875
915	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	659	3	5878
916	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+D^-$	10142	3	5881
917	$e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}D_s^-$	496	3	5884
918	$e^+e^- \to D^-D^{*+}D_s^-D_s^{*+}$	10182	3	5887
919	$e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}D_0^{*-}$	10209	3	5890
920	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}a_1^+$	10245	3	5893
921	$e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}D_s^+$	10275	3	5896
922	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}$	3035	3	5899
923	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^-D_s^+$	10295	3	5902
924	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_1^+D_1^-$	10337	3	5905
925	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}$	10358	3	5908
926	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	1328	3	5911
927	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	5026	3	5914
928	$e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}D_s^{*-}$	10510	3	5917

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
929	$e^+e^- \to e^+\nu_e\pi^-\eta D^- D^{*+}$	5036	3	5920
930	$e^+e^- \to \pi^-\eta D^+ D^{*+} D_s^{*-}$	1330	3	5923
931	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^- D^+ \bar{D}^{*-}$	5070	3	5926
932	$e^+e^- \to e^+\nu_e\rho^- D^- D_2^{*+}$	10637	3	5929
933	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\rho^- D^+ \bar{D}^{*-}$	2011	3	5932
934	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+ D^{*+} \bar{D}^{*-}$	10647	3	5935
935	$e^+e^- \to e^-\bar{\nu}_e K^+ \bar{D}^{*-} D^{*0} D_1'^+$	5079	3	5938
936	$e^+e^- \to e^-\bar{\nu}_e\pi^- K^{*+} D^{*+} D^0 \bar{D}^0$	10734	3	5941
937	$e^+e^- \to \pi^0\pi^0\rho^- K^+ D^{*+} \bar{D}^{*-} D^{*0}$	10750	3	5944
938	$e^+e^- \to D^+ D^- D_s^+ D_s^{*-}$	5095	3	5947
939	$e^+e^- \to e^+\nu_e D^+ D_1^- D_{s1}'^-$	10789	3	5950
940	$e^+e^- \to e^+\nu_e \bar{D}^{*-} D_2^{*-} D_s^{*+}$	5097	3	5953
941	$e^+e^- \to \mu^+\nu_\mu K_2^{*0} \bar{D}^{*-} J/\psi$	3064	3	5956
942	$e^+e^- \to e^-\bar{\nu}_e\eta D^- D^{*+} D_s^+$	43	3	5959
943	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta D^- \bar{D}^{*-}$	3071	3	5962
944	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0 D^{*+} \bar{D}^{*-}$	5164	3	5965
945	$e^+e^- \to \rho^0\pi^- D^{*+} \bar{D}^{*-} a_1^+$	3074	3	5968
946	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+ D^+ \bar{D}^{*-}$	5184	3	5971
947	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^+ D^- D_s^+$	511	3	5974
948	$e^+e^- \to \pi^0\pi^0\bar{K}^* D^- D^{*+} \bar{D}^{*-} D_s^{*+}$	5209	3	5977
949	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^0 D^- D^{*+} \bar{D}^{*-}$	10993	3	5980
950	$e^+e^- \to \pi^+ \bar{D}^{*-} D^0 D_s^- D_s^{*+}$	10994	3	5983
951	$e^+e^- \to D^{*+} D_2^{*-} D_s^+ a_1^-$	958	3	5986
952	$e^+e^- \to e^+\nu_e\pi^0\pi^- D^{*+} D_1^-$	3086	3	5989
953	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^- D^+ \bar{D}^{*-}$	5240	3	5992
954	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^+ \bar{D}^{*-} D_{s1}'^-$	3094	3	5995
955	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} K_1^0 \psi(3770)$	513	3	5998
956	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^{*+} \bar{D}^{*-}$	5270	3	6001
957	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} D_0^{*+}$	11133	3	6004
958	$e^+e^- \to \bar{K}^* D^- D^{*+} \bar{D}^{*-} D_s^{*+}$	11212	3	6007
959	$e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^+ D^- D^{*+}$	11240	3	6010
960	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^+ D^{*+}$	5271	3	6013

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
961	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+ D^{*+} D_s^{*-}$	1375	3	6016
962	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+ D_1^-$	2032	3	6019
963	$e^+e^- \to \rho^-\omega K^+ D^{*+}\bar{D}^{*-} D^{*0}$	5291	3	6022
964	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^+ D^- D^{*+} D^{*0}$	5292	3	6025
965	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^* D^{*+} J/\psi$	11417	3	6028
966	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^- D^{*+} D_s^{*+}$	11423	3	6031
967	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}\bar{\Delta}^- n$	11428	3	6034
968	$e^+e^- \to \rho^- K^+ D^- D^{*+} D^0$	11472	3	6037
969	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ D^- D^{*+}$	701	3	6040
970	$e^+e^- \to \mu^+\nu_\mu\pi^- D^{*+}\bar{D}^{*-}$	11539	3	6043
971	$e^+e^- \to e^+\nu_e\rho^-\eta D^+\bar{D}^{*-}$	2065	3	6046
972	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- D^+\bar{D}^{*-}$	5304	3	6049
973	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^- D^-\bar{D}^{*-}$	11624	3	6052
974	$e^+e^- \to D^- D^{*+} D_{s1}'^+ D_{s1}'^-$	3172	3	6055
975	$e^+e^- \to e^+\nu_e\pi^-\eta D^+ D_1^-$	11639	3	6058
976	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* D^+ D^{*+}\bar{D}^{*-}$	11691	3	6061
977	$e^+e^- \to \pi^+ K^+\bar{D}^{*-} D^0 D^{*0} D_s^{*-}$	979	3	6064
978	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta D^- D^{*+}$	5317	3	6067
979	$e^+e^- \to \pi^+\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	5318	3	6070
980	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+ D^+ D^-$	5319	3	6073
981	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^* D^+ D^-\bar{D}^{*-}$	3218	3	6076
982	$e^+e^- \to \mu^+\nu_\mu\rho^0 K^0 K^- D^{*+}\bar{D}^{*-}$	11836	3	6079
983	$e^+e^- \to \pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-} D_{s1}'^+$	5341	3	6082
984	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	5362	3	6085
985	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^- D^- D^{*+}$	11878	3	6088
986	$e^+e^- \to \pi^0\rho^0\pi^+ D^+\bar{D}^{*-} D_s^-$	11898	3	6091
987	$e^+e^- \to D^- D^{*+} D_s^{*+} a_1^-$	11936	3	6094
988	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D^{*0}$	11949	3	6097
989	$e^+e^- \to \mu^+\nu_\mu D^+ D^-\Delta^-\bar{\Delta}^0$	12015	3	6100
990	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^{*0}$	108	3	6103
991	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^- D^+ D^-$	5407	3	6106
992	$e^+e^- \to e^+\nu_e D^{*+} D_s^{*-} D_0^{*-}$	12041	3	6109

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
993	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	209	3	6112
994	$e^+e^- \to \mu^+\nu_\mu D^- D^{*+} D_{s1}^-$	5430	3	6115
995	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^{*+} D_{s1}'^-$	12111	3	6118
996	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^{*+} D_1^-$	12112	3	6121
997	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^- D^{*+}$	12123	3	6124
998	$e^+e^- \to \tau^+\nu_\tau K^- D^+\bar{D}^{*-}\bar{D}^0$	12148	3	6127
999	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-} D_{s1}'^-$	12209	3	6130
1000	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^- D^+\bar{D}^{*-}$	12235	3	6133
1001	$e^+e^- \to D^+\bar{D}^{*-} D_s^- D_s^{*+}$	213	3	6136
1002	$e^+e^- \to K^+ D^- D^- D^{*0} a_1^+$	721	3	6139
1003	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^0 D_s^{*+}$	12367	3	6142
1004	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega D^- D^{*+}$	12411	3	6145
1005	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	12484	3	6148
1006	$e^+e^- \to e^-\bar{\nu}_e\eta D^- D^{*+}\bar{n}p$	12515	3	6151
1007	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^- D^- D^{*+}$	12566	3	6154
1008	$e^+e^- \to \rho^0\rho^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	12621	3	6157
1009	$e^+e^- \to \rho^0\pi^- D^{*+}\bar{D}^{*-} D_s^{*+}$	5485	3	6160
1010	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^- D^- D^{*+}$	5490	3	6163
1011	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^- K^{*+} D^- D^{*+}$	12665	3	6166
1012	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}$	12680	3	6169
1013	$e^+e^- \to \rho^-\omega D^+\bar{D}^{*-} D_s^+$	12733	3	6172
1014	$e^+e^- \to e^+\nu_e\bar{D}^{*-} D^{*0} p\bar{\Delta}^+$	12797	3	6175
1015	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\eta D^-\bar{D}^{*-}$	12860	3	6178
1016	$e^+e^- \to e^+\nu_e\rho^+\eta D^-\bar{D}^{*-}$	12894	3	6181
1017	$e^+e^- \to \pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	12926	3	6184
1018	$e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-} D_{s1}'^+$	12950	3	6187
1019	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+ D^+ D^-$	3228	3	6190
1020	$e^+e^- \to \bar{K}^* K^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	3229	3	6193
1021	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+ D^- D^{*+}$	3242	3	6196
1022	$e^+e^- \to K^+ D^{*+}\bar{D}^{*-} D^{*0} a_1^-$	5509	3	6199
1023	$e^+e^- \to K^- D^{*+}\bar{D}^{*0} J/\psi K_1^0$	13116	3	6202
1024	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-}$	13137	3	6205

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1025	$e^+e^- \to e^-\bar{\nu}_e K^{*+} D^+ \bar{D}^{*-} D^0$	13190	3	6208
1026	$e^+e^- \to e^+\nu_e \pi^+\pi^+\pi^-\pi^- D^- \bar{D}^{*0}$	13215	3	6211
1027	$e^+e^- \to e^+\nu_e \bar{D}^{*-} J/\psi \bar{K}_1^0$	13262	3	6214
1028	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}$	5512	3	6217
1029	$e^+e^- \to \pi^0\pi^- K^{*-} D^+ \bar{D}^0 \bar{D}^{*0} D_s^{*+}$	5516	3	6220
1030	$e^+e^- \to \pi^0 K^- D^- D^{*+} \bar{D}^{*0} D_s^+$	13403	3	6223
1031	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^- D^{*+}\bar{D}^{*-}\bar{n}p$	3256	3	6226
1032	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D^- D_1'^+$	13513	3	6229
1033	$e^+e^- \to e^+\nu_e D^{*+} D_s^- D_1^-$	13542	3	6232
1034	$e^+e^- \to K^- K^{*+} D^+ \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	5540	3	6235
1035	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	2126	3	6238
1036	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0 D^- D^{*+} D_s^+$	1010	3	6241
1037	$e^+e^- \to \pi^+\pi^- D^+ D^- D_s^- D_s^{*+}$	2146	3	6244
1038	$e^+e^- \to \mu^+\nu_\mu \pi^0\pi^-\eta D^+ D^-$	13807	3	6247
1039	$e^+e^- \to \pi^0\rho^0\pi^- D^{*+}\bar{D}^{*-} a_1^+$	5584	3	6250
1040	$e^+e^- \to e^+\nu_e \pi^0\rho^0\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-}$	13883	3	6253
1041	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^+\bar{D}^{*-}$	13884	3	6256
1042	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	13930	3	6259
1043	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^- D^+ D^{*+} D_s^{*-}$	13946	3	6262
1044	$e^+e^- \to D^{*+} D_2^{*-} D_s^{*+} D_s^{*-}$	14028	3	6265
1045	$e^+e^- \to e^-\bar{\nu}_e \pi^-\omega\omega D^{*+} D^{*+}$	1461	3	6268
1046	$e^+e^- \to \pi^-\eta D^+ \bar{D}^{*-} D_{s1}'^+$	14099	3	6271
1047	$e^+e^- \to e^-\bar{\nu}_e \rho^0\rho^+ D^+ D^-$	14148	3	6274
1048	$e^+e^- \to \mu^-\bar{\nu}_\mu \tau^+\nu_\tau D^{*+} D_1^-$	14161	3	6277
1049	$e^+e^- \to \pi^- K^{*+} D^+ \bar{D}^{*-} D^{*0}$	14173	3	6280
1050	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_2^{*+} D_s^{*-}$	14228	3	6283
1051	$e^+e^- \to K^{*+} D^- D^{*+} D^0 a_1^-$	14348	3	6286
1052	$e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-} D^{*0} D_{s1}'^+$	14366	3	6289
1053	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-} D_s^{*+}$	14521	3	6292
1054	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^+ D^- D^{*+} D^{*0}$	3291	3	6295
1055	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-} D_s^-$	14573	3	6298
1056	$e^+e^- \to e^+\nu_e \mu^-\bar{\nu}_\mu D^{*+} D_2^{*-}$	14666	3	6301

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1057	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	14718	3	6304
1058	$e^+e^- \to e^+\nu_e D^-\bar{D}^{*-}D_{s1}'^+$	3306	3	6307
1059	$e^+e^- \to e^+\nu_e K^- D^+ D^-\bar{D}^{*0}$	14748	3	6310
1060	$e^+e^- \to K^+K^-D^-D^{*+}D^{*0}\bar{D}^{*0}$	14765	3	6313
1061	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^- D^{*+}$	2156	3	6316
1062	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^- D^{*+}$	14799	3	6319
1063	$e^+e^- \to e^+\nu_e\bar{K}^0 D^{*+}\bar{D}^{*-}D_2^{*-}$	14800	3	6322
1064	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^- D^{*+}$	5637	3	6325
1065	$e^+e^- \to \tau^+\nu_\tau D^- D^{*+}D_s^{*-}$	5644	3	6328
1066	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^- D_1'^+$	3316	3	6331
1067	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^- D^{*0}D_1'^+$	15078	3	6334
1068	$e^+e^- \to \pi^0\pi^-K^-D^{*+}\bar{D}^0\bar{D}^{*0}D_s^+$	15117	3	6337
1069	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0 D_s^+ D_{s1}'^-$	15126	3	6340
1070	$e^+e^- \to \pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}D_s^{*+}$	1462	3	6343
1071	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^-D^-D^{*+}$	15175	3	6346
1072	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- D^+ D^-$	15215	3	6349
1073	$e^+e^- \to e^+\nu_e K^0 D^+ D^-\bar{D}^{*-}$	3333	3	6352
1074	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^{*+}D_0^{*+}$	15240	3	6355
1075	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^- D^{*+}\bar{D}^0 D_s^+$	3347	3	6358
1076	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}J/\psi$	15255	3	6361
1077	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^- D^+ D^{*+}$	15265	3	6364
1078	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}$	5727	3	6367
1079	$e^+e^- \to \pi^0\pi^+\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}$	5729	3	6370
1080	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}D_s^+$	15395	3	6373
1081	$e^+e^- \to e^+\nu_e D^{*+}D_0^{*-}a_1^-$	15458	3	6376
1082	$e^+e^- \to e^+\nu_e\eta\bar{K}^0\bar{D}^{*-}J/\psi$	15497	3	6379
1083	$e^+e^- \to \mu^+\nu_\mu D^- D^0 p\bar{\Delta}^+$	5742	3	6382
1084	$e^+e^- \to \rho^+ D^+\bar{D}^{*-}a_1^-$	2174	3	6385
1085	$e^+e^- \to \rho^- D^{*+}D_2^{*-}D_s^+$	15653	3	6388
1086	$e^+e^- \to \tau^+\nu_\tau K^- D^{*+}\bar{D}^{*0}D_1'^-$	15663	3	6391
1087	$e^+e^- \to e^-\bar{\nu}_e\rho^- D^{*+}p\bar{\Sigma}_c^0$	15695	3	6394
1088	$e^+e^- \to \mu^+\nu_\mu D^+ D^- D_{s1}'^-$	15738	3	6397

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1089	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^- D^+$	15758	3	6400
1090	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^- D^{*+}$	526	3	6403
1091	$e^+e^- \to e^+\nu_e\pi^+\pi^- D^+ D^- D_s^-$	15878	3	6406
1092	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	15923	3	6409
1093	$e^+e^- \to \pi^0\pi^- D^{*+} D^{*+} D_s^{*-}$	3381	3	6412
1094	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	16164	3	6415
1095	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^- D^- D^{*+}$	2191	3	6418
1096	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D^- D^-$	16220	3	6421
1097	$e^+e^- \to K^- D^{*+}\bar{D}^{*0} D_s^{*+} D_1^-$	16283	3	6424
1098	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	16350	3	6427
1099	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^{*+} D^{*+}$	5799	3	6430
1100	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}$	5804	3	6433
1101	$e^+e^- \to \pi^+\eta K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	16421	3	6436
1102	$e^+e^- \to \pi^+\rho^+\rho^- D^{*+}\bar{D}^{*-} a_1^-$	16429	3	6439
1103	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^+\bar{D}^{*-} D_s^{*-}$	5818	3	6442
1104	$e^+e^- \to K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^0 D_s^{*+}$	16512	3	6445
1105	$e^+e^- \to K^0 D^+ D^{*+}\bar{D}^{*-} D_{s0}^{*-}$	16513	3	6448
1106	$e^+e^- \to \bar{K}^* D^{*+} D^{*+}\bar{D}^{*-} D_s^{*-}$	533	3	6451
1107	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	3397	3	6454
1108	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^{*+} D^{*0}\bar{D}^{*0}$	16782	3	6457
1109	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-} D_1^+ a_1^+$	16806	3	6460
1110	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D^- D_1^+$	16885	3	6463
1111	$e^+e^- \to \bar{K}^0 D^+ D^-\bar{D}^{*-} D_s^{*+}$	16891	3	6466
1112	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\eta D^- D^{*+}$	5842	3	6469
1113	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* D^+ D^{*+}\bar{D}^{*-}$	3401	3	6472
1114	$e^+e^- \to \mu^+\nu_\mu D^+ D_2^{*-} D_s^-$	17078	3	6475
1115	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}$	17117	3	6478
1116	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^- D^+\bar{D}^{*-}\bar{D}^0$	17136	3	6481
1117	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^{*-}$	17204	3	6484
1118	$e^+e^- \to e^+\nu_e K^* D^+ D^-\bar{D}^{*-}$	17219	3	6487
1119	$e^+e^- \to \pi^0\pi^0 K^* D^+ D^{*+}\bar{D}^{*-} D_s^{*-}$	17296	3	6490
1120	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	740	3	6493

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1121	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	17312	3	6496
1122	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*+}$	17321	3	6499
1123	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}D_2^{*+}$	5882	3	6502
1124	$e^+e^- \to \bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}a_1^+$	17333	3	6505
1125	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*+}D_1^-$	17412	3	6508
1126	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^-D^{*+}$	17426	3	6511
1127	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{D}^0D_s^{*+}$	17429	3	6514
1128	$e^+e^- \to D^+D^-D_s^+n\bar{p}$	5896	3	6517
1129	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^+D^-$	5898	3	6520
1130	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D_2^{*-}D_s^+$	17764	3	6523
1131	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*-}$	17792	3	6526
1132	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	17908	3	6529
1133	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^-$	17976	3	6532
1134	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^{*+}\bar{D}^{*-}$	3416	3	6535
1135	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{D}^0D_s^+D_1^+$	18093	3	6538
1136	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^{*0}D_s^+$	18102	3	6541
1137	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	319	3	6544
1138	$e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^{*+}D^{*+}$	18127	3	6547
1139	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^{*+}D_1^-$	18158	3	6550
1140	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta D^+D^-$	18228	3	6553
1141	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	18269	3	6556
1142	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}a_1^-$	18332	3	6559
1143	$e^+e^- \to K^0K^-D^-D^{*+}D^{*+}\bar{D}^{*0}$	18524	3	6562
1144	$e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_s^{*-}$	18669	3	6565
1145	$e^+e^- \to \tau^+\nu_\tau K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	5932	3	6568
1146	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-D^+D^-$	1547	3	6571
1147	$e^+e^- \to \tau^+\nu_\tau D^-D^{*+}D_{s1}'^-$	5955	3	6574
1148	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D^0\bar{D}^{*0}$	18864	3	6577
1149	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}D_2^{*-}$	18867	3	6580
1150	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	18872	3	6583
1151	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^+$	18876	3	6586
1152	$e^+e^- \to \mu^+\nu_\mu\pi^-D^+D^-$	18879	3	6589

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1153	$e^+e^- \to \tau^+\nu_\tau\pi^-D^+\bar{D}^{*-}$	18942	3	6592
1154	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	18989	3	6595
1155	$e^+e^- \to \pi^+D^+D^-D_s^{*-}$	5959	3	6598
1156	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^+\bar{D}^{*-}$	19041	3	6601
1157	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^-$	19146	3	6604
1158	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-}$	19272	3	6607
1159	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}$	5967	3	6610
1160	$e^+e^- \to K^0K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	19542	3	6613
1161	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Delta^0\bar{\Sigma}_c^-$	19572	3	6616
1162	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^-D^{*+}$	746	3	6619
1163	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}$	19747	3	6622
1164	$e^+e^- \to \rho^+D^-D^{*+}a_1^-$	19785	3	6625
1165	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^0D_s^{*-}$	1037	3	6628
1166	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}D^0D_s^{*-}$	6094	3	6631
1167	$e^+e^- \to \pi^+K^0\bar{K}^*K^+D^-\bar{D}^{*-}D^{*0}$	20179	3	6634
1168	$e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	20292	3	6637
1169	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}$	6102	3	6640
1170	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^0D_s^+$	3446	3	6643
1171	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{D}^{*-}D^0$	20572	3	6646
1172	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D^{*+}D^{*0}$	20600	3	6649
1173	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	20724	3	6652
1174	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}$	21110	3	6655
1175	$e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}a_1^-$	21316	3	6658
1176	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-}$	21327	3	6661
1177	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$	6123	3	6664
1178	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	6151	3	6667
1179	$e^+e^- \to \mu^+\nu_\mu K^*D^-D^{*+}\bar{D}^{*-}$	21759	3	6670
1180	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_1^+D_1^-$	2240	3	6673
1181	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-D^{*+}\bar{D}^{*-}$	1558	3	6676
1182	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*-}D_s^+$	22039	3	6679
1183	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^-D^{*+}$	22332	3	6682
1184	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}D_s^-$	22380	3	6685

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1185	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^- D^-$	22419	3	6688
1186	$e^+e^- \to \pi^0\rho^0\pi^+ D^- D^{*+} D_s^{*-}$	22504	3	6691
1187	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+ D^+ D^-$	22563	3	6694
1188	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+ \bar{D}^{*-} D_s^+$	22640	3	6697
1189	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^- D^+ D^-$	6179	3	6700
1190	$e^+e^- \to K^{*+} D^- D^{*+} D^0 D_s^-$	22701	3	6703
1191	$e^+e^- \to \mu^+\nu_\mu\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	23016	3	6706
1192	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^- D^{*+} D^{*+}$	2248	3	6709
1193	$e^+e^- \to \pi^+\pi^- K^- D^- D^{*+}\bar{D}^{*0} D_s^{*+}$	23358	3	6712
1194	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^- D_1'^+$	23711	3	6715
1195	$e^+e^- \to \mu^+\nu_\mu D^- D_2^{*+} D_s^-$	24187	3	6718
1196	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^- D^{*+}$	24325	3	6721
1197	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-}$	24410	3	6724
1198	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+ D^-\bar{D}^{*-}$	24870	3	6727
1199	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	24929	3	6730
1200	$e^+e^- \to \mu^+\nu_\mu\bar{K}^* D^{*+}\bar{D}^{*-} D_0^{*-}$	25252	3	6733
1201	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+ D_1^-$	25367	3	6736
1202	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- D^{*+}\bar{D}^0 D_s^{*+}$	26269	3	6739
1203	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+}$	26423	3	6742
1204	$e^+e^- \to e^-\bar{\nu}_e K^* D^{*+} D^{*0}\bar{D}^{*0}$	6212	3	6745
1205	$e^+e^- \to e^+\nu_e K^0 K^- D^+\bar{D}^{*-}$	26960	3	6748
1206	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+ D^{*+}\bar{D}^{*-}$	27236	3	6751
1207	$e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^{*+} D^{*+}\bar{D}^{*-}$	27741	3	6754
1208	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^+\bar{D}^{*-}$	27913	3	6757
1209	$e^+e^- \to \pi^+\rho^-\eta D^+\bar{D}^{*-}$	28289	3	6760
1210	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^- D^{*+}$	28370	3	6763
1211	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-} D_s^{*+}$	29475	3	6766
1212	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^+ D^{*+}\bar{D}^{*-} D^{*0}$	6093	2	6768
1213	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	1681	2	6770
1214	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-} D^0$	6101	2	6772
1215	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	1686	2	6774
1216	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	6110	2	6776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1217	$e^+e^- \to e^+\nu_e\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	6116	2	6778
1218	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^-D_1'^+$	3045	2	6780
1219	$e^+e^- \to \pi^-\eta D^+D^-D_s^+$	3046	2	6782
1220	$e^+e^- \to \rho^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	6126	2	6784
1221	$e^+e^- \to e^+\nu_eK^0K^-D^+D^-$	6131	2	6786
1222	$e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^{*-}\bar{D}^0$	6140	2	6788
1223	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^+K^{*-}D^-D^{*+}$	6142	2	6790
1224	$e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+}$	6146	2	6792
1225	$e^+e^- \to \pi^+\omega\bar{D}^{*-}D_s^-D_1^+$	6150	2	6794
1226	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	940	2	6796
1227	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eX_u^-D^+$	3050	2	6798
1228	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+D^+D^-$	48	2	6800
1229	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	181	2	6802
1230	$e^+e^- \to \pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}a_1^-$	957	2	6804
1231	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}\Lambda\bar{\Sigma}_c^0$	6190	2	6806
1232	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^{*0}$	6200	2	6808
1233	$e^+e^- \to \pi^+\pi^-\pi^-K^*D^{*+}J/\psi$	336	2	6810
1234	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+}$	6215	2	6812
1235	$e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^{*0}D_s^+$	6229	2	6814
1236	$e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	6234	2	6816
1237	$e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}a_1^+\gamma$	3072	2	6818
1238	$e^+e^- \to e^+\nu_e\pi^-D^-\bar{n}\Lambda_c^+$	6237	2	6820
1239	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^{*+}D^{*+}\bar{D}^{*-}$	6240	2	6822
1240	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\eta_c$	1709	2	6824
1241	$e^+e^- \to \pi^0\pi^-\omega K^0D^+D^-D^{*+}$	1711	2	6826
1242	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^-D^{*+}\bar{D}^0$	6245	2	6828
1243	$e^+e^- \to \pi^-\omega K^+D^+\bar{D}^{*-}D^{*0}$	6246	2	6830
1244	$e^+e^- \to \pi^0\pi^0\pi^+\omega D^+D^-D_s^{*-}$	6251	2	6832
1245	$e^+e^- \to e^+\nu_eD^+D_s^-D_1'^-$	3083	2	6834
1246	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}J/\psi$	6278	2	6836
1247	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+}$	1714	2	6838
1248	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	1715	2	6840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1249	$e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^+D_s^{*-}$	6309	2	6842
1250	$e^+e^- \to e^+\nu_e D^+D_0^{*-}a_1^-$	3092	2	6844
1251	$e^+e^- \to \pi^0\pi^0\pi^-\bar{D}^0D_s^+\bar{p}\Lambda_c^+$	6317	2	6846
1252	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	6319	2	6848
1253	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}$	6326	2	6850
1254	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^+D_s^{*-}$	968	2	6852
1255	$e^+e^- \to \pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}a_1^-$	6334	2	6854
1256	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-D^0D_s^-$	337	2	6856
1257	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\bar{D}^{*-}D_0^{*+}$	6348	2	6858
1258	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eX_u^-\eta D^+$	3122	2	6860
1259	$e^+e^- \to \pi^-\rho^+D^-\bar{n}\Sigma_c^+$	3140	2	6862
1260	$e^+e^- \to \tau^+\nu_\tau\pi^+D^-D^0D_s^-$	3143	2	6864
1261	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}$	6386	2	6866
1262	$e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	1728	2	6868
1263	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^-D^{*+}\bar{D}^0$	6393	2	6870
1264	$e^+e^- \to \pi^0\rho^-\rho^-\omega K^+D^+D^+D^-$	3154	2	6872
1265	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_1^+D_1^-$	6400	2	6874
1266	$e^+e^- \to \eta D^-D^{*+}D_s^{*-}\bar{n}p$	6413	2	6876
1267	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+D^-\bar{D}^{*-}$	1730	2	6878
1268	$e^+e^- \to \pi^-\rho^+\eta D^+\Delta^0\bar{\Sigma}_c^{*-}$	6422	2	6880
1269	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^-D_s^+$	577	2	6882
1270	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D^{*+}$	1736	2	6884
1271	$e^+e^- \to e^+\nu_e\rho^-\omega D^+D^-$	3170	2	6886
1272	$e^+e^- \to \bar{K}^0K^+D^-D^{*+}a_1^-$	6454	2	6888
1273	$e^+e^- \to \rho^0\pi^-\rho^+\eta D^-D^{*+}$	6463	2	6890
1274	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^{*+}D_2^{*-}$	186	2	6892
1275	$e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}D_s^{*-}$	3177	2	6894
1276	$e^+e^- \to \pi^+\pi^-K^*D^{*+}J/\psi a_1^-$	6503	2	6896
1277	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-}D^0$	6504	2	6898
1278	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}D_{s1}'^+$	188	2	6900
1279	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	3197	2	6902
1280	$e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}a_1^-$	3200	2	6904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1281	$e^+e^- \to \pi^0\rho^0\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	3207	2	6906
1282	$e^+e^- \to e^+\nu_e\pi^0\pi^+\omega D^-\bar{D}^{*-}$	585	2	6908
1283	$e^+e^- \to \pi^0K^0K^*K^-D^+D^{*+}\bar{D}^{*-}$	6551	2	6910
1284	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-}$	996	2	6912
1285	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^-D^{*+}$	6562	2	6914
1286	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	6565	2	6916
1287	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	6566	2	6918
1288	$e^+e^- \to \pi^0\rho^0\pi^+D^+\bar{D}^{*-}a_1^-$	6577	2	6920
1289	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\eta D^-D^{*+}$	49	2	6922
1290	$e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\gamma$	6588	2	6924
1291	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^-D^{*+}$	6597	2	6926
1292	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	6599	2	6928
1293	$e^+e^- \to \rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$	6600	2	6930
1294	$e^+e^- \to \tau^+\nu_\tau\pi^+\bar{D}^{*-}D^0D_s^-$	1749	2	6932
1295	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\eta D^-D^{*+}$	3225	2	6934
1296	$e^+e^- \to \pi^+\bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma_c^{*0}$	1750	2	6936
1297	$e^+e^- \to \pi^+\eta K^*K^-D^{*+}\bar{D}^{*-}$	6623	2	6938
1298	$e^+e^- \to \mu^+\nu_\mu\rho^+D^-D^0D_s^{*-}$	1754	2	6940
1299	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}$	50	2	6942
1300	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D^{*0}\bar{D}^{*0}$	6631	2	6944
1301	$e^+e^- \to \mu^+\nu_\mu\eta K^*K^{*-}D^-D^{*+}$	6646	2	6946
1302	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+D_2^{*-}$	3235	2	6948
1303	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}D_s^{*+}$	6648	2	6950
1304	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}D^{*0}$	3241	2	6952
1305	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}D_{s1}'^-$	6665	2	6954
1306	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D_s^{*+}D_s^{*-}$	6668	2	6956
1307	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^-D^{*+}$	6680	2	6958
1308	$e^+e^- \to K^*K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0$	1005	2	6960
1309	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+D^+\bar{D}^{*-}$	1770	2	6962
1310	$e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_s^{*+}$	3261	2	6964
1311	$e^+e^- \to D^{*+}D_s^{*-}a_1^-D_1'^+$	1006	2	6966
1312	$e^+e^- \to \pi^0\rho^-\eta D^+\bar{D}^{*-}D_{s1}'^+$	3265	2	6968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1313	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega D^+\bar{D}^{*-}$	6702	2	6970
1314	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	6714	2	6972
1315	$e^+e^- \to \pi^-\eta K^+D^+\bar{D}^{*-}D^{*0}$	3272	2	6974
1316	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}^0$	6727	2	6976
1317	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^+\bar{D}^{*-}$	6740	2	6978
1318	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^+D^-$	6745	2	6980
1319	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0D^-D^{*+}D^{*+}$	358	2	6982
1320	$e^+e^- \to \rho^+K^-D^{*+}D_2^{*-}\bar{D}^{*0}$	6755	2	6984
1321	$e^+e^- \to e^-\bar{\nu}_e\eta D^+n\bar{\Sigma}_c^0$	360	2	6986
1322	$e^+e^- \to e^-\bar{\nu}_e K^+D^+\Lambda\bar{\Sigma}_c^-$	1789	2	6988
1323	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+D^-$	6762	2	6990
1324	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{X}_{sd}\gamma$	6767	2	6992
1325	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega D^+D^-$	6779	2	6994
1326	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta D^-\bar{D}^{*-}$	6782	2	6996
1327	$e^+e^- \to \pi^0\pi^-\eta K^0D^+D^{*+}\bar{D}^{*-}$	6783	2	6998
1328	$e^+e^- \to \pi^-D^{*+}D_s^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	3288	2	7000
1329	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}$	6804	2	7002
1330	$e^+e^- \to D^{*+}D^{*+}a_1^-a_1^-$	6808	2	7004
1331	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\bar{D}^{*-}$	363	2	7006
1332	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-D^+D^-$	51	2	7008
1333	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^+D^-D_s^{*+}$	6830	2	7010
1334	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-}$	6831	2	7012
1335	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^{*-}D^+\bar{D}^{*-}$	6840	2	7014
1336	$e^+e^- \to \pi^0\pi^+D^-\bar{D}^{*-}D_s^+$	1797	2	7016
1337	$e^+e^- \to \rho^-D^-D_2^{*+}D_{s0}^{*+}$	6853	2	7018
1338	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^-D^{*+}$	6859	2	7020
1339	$e^+e^- \to \pi^-\omega K^*D^+D^-D^{*+}$	6865	2	7022
1340	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	3315	2	7024
1341	$e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	6873	2	7026
1342	$e^+e^- \to e^+\nu_e\pi^+K^-D^+D^-\bar{D}^{*-}$	6874	2	7028
1343	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{D}^{*-}D^0D_s^-$	6881	2	7030
1344	$e^+e^- \to \mu^+\nu_\mu K^0D^-D_s^+D_s^{*-}$	1021	2	7032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1345	$e^+e^- \to D^{*+}\bar{D}^{*0}D_s^{*-}\bar{p}\Delta^+$	6900	2	7034
1346	$e^+e^- \to e^+\nu_e D^+D^-D_{s1}'^-$	3317	2	7036
1347	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+D^-D^{*+}$	3321	2	7038
1348	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	6933	2	7040
1349	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}$	1803	2	7042
1350	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-D^{*+}\bar{D}^{*-}$	3327	2	7044
1351	$e^+e^- \to e^+\nu_e\pi^0\rho^-D^{*+}\bar{D}^{*-}$	6941	2	7046
1352	$e^+e^- \to K^0K^*D^+D^-J/\psi$	3329	2	7048
1353	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+D^{*+}\bar{D}^{*-}D^0$	365	2	7050
1354	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_{s0}^{*+}$	3345	2	7052
1355	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}$	610	2	7054
1356	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}$	3348	2	7056
1357	$e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^{*0}D_1'^-$	367	2	7058
1358	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	6969	2	7060
1359	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^{*+}\psi'$	1040	2	7062
1360	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta D^+D^-$	6984	2	7064
1361	$e^+e^- \to \pi^0\pi^-K^+D^-D^{*+}D^{*0}$	6985	2	7066
1362	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	3370	2	7068
1363	$e^+e^- \to \pi^0\rho^+\rho^-\eta\eta D^+D^-$	3372	2	7070
1364	$e^+e^- \to \pi^+K^*D^{*+}\bar{D}^{*-}D^0D_s^-$	3373	2	7072
1365	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_2^{*+}D_s^{*+}$	7006	2	7074
1366	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}$	7013	2	7076
1367	$e^+e^- \to \mu^-\bar{\nu}_\mu K_SD^+\chi_{c1}$	3375	2	7078
1368	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+D^+\bar{D}^{*-}$	7027	2	7080
1369	$e^+e^- \to \pi^-\pi^-\rho^+D^+D^-\bar{n}p$	7033	2	7082
1370	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}$	1839	2	7084
1371	$e^+e^- \to \rho^0\rho^+\rho^-\omega D^-D^{*+}$	7039	2	7086
1372	$e^+e^- \to e^+\nu_eK^{*-}D^{*+}\bar{D}^{*0}D_1'^-$	3382	2	7088
1373	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	7050	2	7090
1374	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	7052	2	7092
1375	$e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^0D_s^{*-}$	7062	2	7094
1376	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^-D_1^+$	7066	2	7096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1377	$e^+e^- \to D^- D^{*+} D_s^{*+} n\bar{p}$	3387	2	7098
1378	$e^+e^- \to \pi^- D^{*+} \bar{D}^0 D_s^+ D_s^{*-}$	53	2	7100
1379	$e^+e^- \to e^- \bar{\nu}_e \rho^+ D^- D_1'^+$	7085	2	7102
1380	$e^+e^- \to \rho^0 \pi^+ \omega \bar{D}^{*-} \bar{D}^{*-} a_1^+$	620	2	7104
1381	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \bar{K}^0 K^+ D^- D^{*+}$	3396	2	7106
1382	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^- D^{*+} D_1'^+$	7107	2	7108
1383	$e^+e^- \to \pi^- \pi^- \rho^+ \rho^+ \rho^- \bar{K}^0 K^+ D^+ D^-$	1059	2	7110
1384	$e^+e^- \to e^- \bar{\nu}_e D^{*+} \bar{D}^{*-} D_{s0}^{*+}$	7135	2	7112
1385	$e^+e^- \to \mu^- \bar{\nu}_\mu D^- D_s^+ D_0^{*+}$	7139	2	7114
1386	$e^+e^- \to e^+ \nu_e \rho^+ \bar{K}^0 D^- \bar{D}^{*-} D^{*0}$	7140	2	7116
1387	$e^+e^- \to \mu^+ \nu_\mu K^- D^{*+} D_2^{*-} \bar{D}^{*0}$	7141	2	7118
1388	$e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \eta\eta\omega D^{*+} \bar{D}^{*-}$	7142	2	7120
1389	$e^+e^- \to K^* K^- K^{*+} D^- D^{*+} D^0$	7156	2	7122
1390	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^- D^{*+} D_1^+$	7187	2	7124
1391	$e^+e^- \to \pi^- \omega D^{*+} D_2^{*-} D_s^+$	1850	2	7126
1392	$e^+e^- \to \rho^+ \rho^- \bar{K}^* K^+ D^+ \bar{D}^{*-} D_s^-$	7193	2	7128
1393	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \pi^0 D^+ D^- D_s^+$	7199	2	7130
1394	$e^+e^- \to \pi^+ K^- D^- D^{*+} \bar{D}^{*0}$	1852	2	7132
1395	$e^+e^- \to \pi^0 \pi^0 \bar{K}^0 D^- D^{*0} \bar{D}^{*0} D_s^{*+}$	1858	2	7134
1396	$e^+e^- \to K^* K^- D^+ D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	1069	2	7136
1397	$e^+e^- \to \pi^+ D^- \bar{D}^{*-} D_s^{*+}$	7212	2	7138
1398	$e^+e^- \to e^+ \nu_e \pi^0 \pi^+ \pi^- D^{*0} D_0^{*-}$	7213	2	7140
1399	$e^+e^- \to \pi^0 \pi^+ \rho^+ \rho^- \bar{K}^* D^+ D^- \bar{D}^{*-}$	625	2	7142
1400	$e^+e^- \to \pi^- D^{*+} \bar{D}^{*0} D_s^+ D_s^{*-}$	7236	2	7144
1401	$e^+e^- \to e^+ \nu_e \bar{D}^{*-} D^0 n \bar{\Delta}^0$	3424	2	7146
1402	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^- \rho^+ \rho^+ D^{*+} \bar{D}^{*-}$	7249	2	7148
1403	$e^+e^- \to \mu^+ \nu_\mu K^* K^- D^- D^{*+}$	7260	2	7150
1404	$e^+e^- \to \pi^+ \pi^- K^0 \bar{K}^0 D^- D^{*+} D^{*+} \bar{D}^{*-}$	7273	2	7152
1405	$e^+e^- \to \mu^- \bar{\nu}_\mu K^+ \bar{D}^{*-} D^{*0} D_1^+$	7279	2	7154
1406	$e^+e^- \to \mu^+ \nu_\mu \eta \bar{K}^* D^- D^{*+} \bar{D}^{*-}$	7306	2	7156
1407	$e^+e^- \to \tau^- \bar{\nu}_\tau K^{*+} D^- D^{*0} D_1'^+$	7311	2	7158
1408	$e^+e^- \to \mu^+ \mu^- \nu_\mu \bar{\nu}_\mu \pi^- D^+ \bar{D}^0$	7312	2	7160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1409	$e^+e^- \to e^+\nu_e K^- D^{*+} \bar{D}^{*0} D_0^{*-}$	7329	2	7162
1410	$e^+e^- \to \mu^+\nu_\mu \pi^0\rho^0\pi^+\rho^-\rho^- D^+ \bar{D}^{*-}$	7338	2	7164
1411	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+} D^{*+} D_s^{*-}$	7345	2	7166
1412	$e^+e^- \to e^+\nu_e \rho^- \bar{D}^{*-} \bar{p}\Sigma_c^{++}$	7347	2	7168
1413	$e^+e^- \to e^+\nu_e \bar{D}^{*-} D^0 n\bar{n}$	7352	2	7170
1414	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+ \bar{D}^{*-}$	1077	2	7172
1415	$e^+e^- \to \pi^0\pi^-\eta D^{*+} \bar{D}^{*-} D_{s1}'^{+}$	7368	2	7174
1416	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega K^- D^+ D^- \bar{D}^{*0}$	3434	2	7176
1417	$e^+e^- \to e^+\nu_e \pi^0\rho^0\rho^+ \bar{D}^{*-} \bar{D}^{*-}$	629	2	7178
1418	$e^+e^- \to \mu^+\nu_\mu D^+ D^- D_s^- \gamma$	7383	2	7180
1419	$e^+e^- \to \tau^-\bar{\nu}_\tau \bar{D}^{*-} D_s^+ D_1^+$	7393	2	7182
1420	$e^+e^- \to \rho^- K^* D^+ D^+ \bar{D}^{*-}$	1889	2	7184
1421	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^- D^{*+} D_s^+$	7401	2	7186
1422	$e^+e^- \to e^+\nu_e \pi^0\pi^+ D^0 D_s^{*-} D_0^{*-}$	1891	2	7188
1423	$e^+e^- \to \mu^-\bar{\nu}_\mu \bar{D}^{*-} D_1^+ D_{s0}^{*+}$	7406	2	7190
1424	$e^+e^- \to D^- D^{*+} \bar{\Delta}^0 \Delta^+ D_{s1}'^{-}$	207	2	7192
1425	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^+ \bar{D}^{*0}$	3470	2	7194
1426	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- D^+ \bar{D}^{*-} D_s^{*+}$	1893	2	7196
1427	$e^+e^- \to \pi^0\rho^0\rho^+ D^{*+} \bar{D}^{*-} D_s^{*-}$	1084	2	7198
1428	$e^+e^- \to \rho^0\pi^-\rho^+\omega D^- D^{*+}$	7449	2	7200
1429	$e^+e^- \to D^- D_2^{*-} D_s^+ D_s^{*+}$	7467	2	7202
1430	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- D^+ \bar{D}^{*-} D_s^-$	7471	2	7204
1431	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ \bar{D}^{*-} a_1^+ \gamma$	7479	2	7206
1432	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{K}^0\eta' \bar{D}^{*-} \eta_c$	386	2	7208
1433	$e^+e^- \to e^-\bar{\nu}_e \rho^0\pi^+\eta D^+ \bar{D}^{*-}$	7498	2	7210
1434	$e^+e^- \to \pi^+\pi^+\pi^- K^0 K^- D^+ D^-$	7505	2	7212
1435	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_s^{*+} D_1^-$	3487	2	7214
1436	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^+ D^- D^{*+} p\bar{p}$	7531	2	7216
1437	$e^+e^- \to \pi^0 D^- D^{*+} D_s^{*+} a_1^-$	3490	2	7218
1438	$e^+e^- \to \bar{K}^0 K^- D^{*+} \bar{D}^{*0} J/\psi$	7540	2	7220
1439	$e^+e^- \to \eta\omega K^0 K^- D^+ \bar{D}^{*-} D_{s1}'^{+}$	7547	2	7222
1440	$e^+e^- \to K^+ D^+ D^- D^{*0} a_1^-$	7550	2	7224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1441	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^0\bar{p}\Delta^+D_1^+$	35	2	7226
1442	$e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	7572	2	7228
1443	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	7576	2	7230
1444	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+D^-D^{*+}$	1910	2	7232
1445	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\eta'D^+D^{*+}$	395	2	7234
1446	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0K^-D^-D^{*+}$	667	2	7236
1447	$e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^+\bar{D}^{*-}$	3509	2	7238
1448	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}$	7596	2	7240
1449	$e^+e^- \to e^+\nu_e\pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0$	61	2	7242
1450	$e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}D_s^{*-}$	1931	2	7244
1451	$e^+e^- \to \rho^-D^-D^{*+}D_s^+$	3527	2	7246
1452	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^-D_0^{*+}$	3530	2	7248
1453	$e^+e^- \to e^+\nu_e\rho^-\omega D^{*+}\bar{D}^{*-}$	3550	2	7250
1454	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_2^{*+}a_1^+$	7648	2	7252
1455	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*-}D_1^+$	3553	2	7254
1456	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^0D_s^{*+}D_1'^-$	3564	2	7256
1457	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	7657	2	7258
1458	$e^+e^- \to \pi^0\pi^0\rho^0\omega D^-D^0D_s^+$	7662	2	7260
1459	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*0}D_s^{*+}$	675	2	7262
1460	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+D^+D^-D^{*0}$	1934	2	7264
1461	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}D^{*0}\bar{D}^{*0}$	1938	2	7266
1462	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^{*+}D_0^{*-}$	66	2	7268
1463	$e^+e^- \to e^+\nu_e\rho^+K^-D^+D^-\bar{D}^{*-}$	1140	2	7270
1464	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega D^+D^-$	1967	2	7272
1465	$e^+e^- \to \pi^0\pi^+K^0D^+\bar{D}^{*-}D^0D_s^-$	7735	2	7274
1466	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}D^{*+}$	7742	2	7276
1467	$e^+e^- \to e^-\bar{\nu}_e\rho^+\omega\omega D^-D^{*+}$	3610	2	7278
1468	$e^+e^- \to e^-\bar{\nu}_eK^0K^-D^{*+}D^{*+}$	7748	2	7280
1469	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^0D_s^{*+}$	7754	2	7282
1470	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}$	1968	2	7284
1471	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_{s1}'^+$	7773	2	7286
1472	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega D^+D^-$	7774	2	7288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1473	$e^+e^- \to \pi^- D^{*+} \bar{D}^0 D_s^{*+} D_s^{*-}$	7778	2	7290
1474	$e^+e^- \to e^+\nu_e \pi^0 \rho^- D^+ \bar{D}^{*-}$	3621	2	7292
1475	$e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*-}$	7803	2	7294
1476	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+ \eta D^+ \bar{D}^{*-}$	3634	2	7296
1477	$e^+e^- \to \tau^+\nu_\tau \pi^0\pi^0\pi^- D^{*+} \bar{D}^{*-}$	685	2	7298
1478	$e^+e^- \to \pi^0\pi^-\rho^-\eta\omega D^+ D^{*+}$	3640	2	7300
1479	$e^+e^- \to \tau^-\bar{\nu}_\tau \pi^+ D^{*+} \bar{D}^{*-}$	3646	2	7302
1480	$e^+e^- \to e^-\bar{\nu}_e \pi^+ \eta\omega D^{*+} \bar{D}^{*-}$	3650	2	7304
1481	$e^+e^- \to e^+\nu_e D^{*+} \bar{D}^{*-} D_s^- \gamma$	7838	2	7306
1482	$e^+e^- \to D^+ \bar{D}^{*-} D_s^+ a_1^-$	7841	2	7308
1483	$e^+e^- \to \pi^0 D^{*+} D_s^{*-} \Delta^+ \bar{\Sigma}_c^-$	3656	2	7310
1484	$e^+e^- \to \pi^-\rho^- K^+ D^+ D^+ \bar{D}^0 D_s^{*-}$	3668	2	7312
1485	$e^+e^- \to \mu^+\nu_\mu \pi^+ K^{*-} \bar{D}^{*-} \eta_c$	221	2	7314
1486	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- D^{*+} \bar{D}^{*-} D_s^{*+}$	7863	2	7316
1487	$e^+e^- \to \mu^+\nu_\mu \pi^+ K^{*-} D^- J/\psi$	1984	2	7318
1488	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+ D^-$	7873	2	7320
1489	$e^+e^- \to D^{*+} \bar{D}^{*-} D_s^- D_s^{*+}$	7877	2	7322
1490	$e^+e^- \to \pi^+\eta K^- D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	7881	2	7324
1491	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta D^+ \bar{D}^{*-}$	7882	2	7326
1492	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	223	2	7328
1493	$e^+e^- \to e^-\bar{\nu}_e D^+ D_s^+ D_1^-$	3697	2	7330
1494	$e^+e^- \to K^* D^{*+} D^{*+} \bar{D}^{*-} D_{s1}'^-$	7931	2	7332
1495	$e^+e^- \to \pi^0\pi^0\pi^+\omega D^- \bar{n} \Sigma_c^0$	1993	2	7334
1496	$e^+e^- \to K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^0 \bar{n} p$	3703	2	7336
1497	$e^+e^- \to \mu^+\nu_\mu \rho^+ \eta' D^- \bar{D}^{*-}$	7955	2	7338
1498	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+} D_2^{*-} D_s^+$	3706	2	7340
1499	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^{*+} \bar{D}^{*-} a_1^-$	7960	2	7342
1500	$e^+e^- \to e^-\bar{\nu}_e \pi^- D^+ D^{*+}$	1994	2	7344
1501	$e^+e^- \to \pi^+\pi^-\rho^+\rho^- D^+ \bar{D}^{*-}$	7988	2	7346
1502	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ D^+ D^- \bar{n} p$	7993	2	7348
1503	$e^+e^- \to \mu^+\nu_\mu \pi^- K^* \bar{K}^* D^{*+} \bar{D}^{*-}$	8003	2	7350
1504	$e^+e^- \to \pi^0\pi^0 K^0 D^+ D^{*+} \bar{D}^{*-} D_s^{*-}$	8024	2	7352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1505	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-$	8041	2	7354
1506	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^+D^-D_s^-$	8048	2	7356
1507	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}D^0$	8062	2	7358
1508	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta' D^+\bar{D}^{*-}$	8067	2	7360
1509	$e^+e^- \to e^+\nu_e\pi^+D^-D^-$	8072	2	7362
1510	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-D^{*+}D^{*+}$	3728	2	7364
1511	$e^+e^- \to \rho^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+$	8085	2	7366
1512	$e^+e^- \to \rho^+D^+\bar{D}^{*-}D_s^-$	8086	2	7368
1513	$e^+e^- \to \tau^+\nu_\tau D^-D_s^{*-}D_1^+$	3732	2	7370
1514	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	3738	2	7372
1515	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}n\bar{p}$	8095	2	7374
1516	$e^+e^- \to \mu^+\nu_\mu K_S\bar{D}^{*-}\eta_c$	8111	2	7376
1517	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}n\bar{p}$	8113	2	7378
1518	$e^+e^- \to \pi^+\eta D^+D^-a_1^-$	8116	2	7380
1519	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D_2^{*+}$	8124	2	7382
1520	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^{*+}\bar{D}^{*-}$	8130	2	7384
1521	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+D^-\bar{D}^{*-}$	8132	2	7386
1522	$e^+e^- \to \rho^+D^-D^{*+}D_s^-$	8134	2	7388
1523	$e^+e^- \to D^{*+}D_s^{*+}D_1'^-D_{s1}'^-$	3741	2	7390
1524	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^{*+}D_1^-$	8136	2	7392
1525	$e^+e^- \to \pi^+\rho^-\eta\omega\omega D^-D^{*+}$	8142	2	7394
1526	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+D^-\bar{D}^{*-}$	8153	2	7396
1527	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^-D^{*+}D^{*+}\bar{D}^{*0}$	705	2	7398
1528	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^+D^-$	8161	2	7400
1529	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	8164	2	7402
1530	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-D^+D^-$	8165	2	7404
1531	$e^+e^- \to e^+\nu_e\rho^-D^{*+}\bar{D}^{*-}\gamma$	3757	2	7406
1532	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^-D^0D_s^{*-}$	3763	2	7408
1533	$e^+e^- \to D^+D_s^{*-}K_1^0\psi'$	3767	2	7410
1534	$e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^+$	8181	2	7412
1535	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+\eta_c$	3770	2	7414
1536	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D_1^+$	3772	2	7416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1537	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^+ D_1^-$	3774	2	7418
1538	$e^+e^- \to \mu^+\nu_\mu\rho^- D^+ D_1'^-$	8213	2	7420
1539	$e^+e^- \to e^+\nu_e D^- D_2^{*+} D_s^{*-}$	8222	2	7422
1540	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	8236	2	7424
1541	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^- D^+\bar{D}^{*-}$	8263	2	7426
1542	$e^+e^- \to \rho^-\omega D^{*+}\bar{D}^{*-} D_{s1}'^+$	8269	2	7428
1543	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+ D^-$	3781	2	7430
1544	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 K^{*-} D^+\bar{D}^{*-}$	8278	2	7432
1545	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^* D^- D^{*+}\bar{D}^{*-}$	8284	2	7434
1546	$e^+e^- \to \rho^+\rho^- D^- D^{*+}$	69	2	7436
1547	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+ D^+\bar{D}^{*-}$	708	2	7438
1548	$e^+e^- \to e^-\bar{\nu}_e\pi^- K^{*+} D^+ D^{*+}\bar{D}^{*-}$	8289	2	7440
1549	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	3788	2	7442
1550	$e^+e^- \to \pi^+\pi^- K^{*+} D^+\bar{D}^{*-} D^{*0} D_s^-$	8295	2	7444
1551	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	8301	2	7446
1552	$e^+e^- \to \pi^0\pi^- K^{*+} D^{*+}\bar{D}^{*-} D^{*0}$	8306	2	7448
1553	$e^+e^- \to \mu^+\nu_\mu\rho^- D^+ D^-\Sigma^0\bar{\Sigma}^0$	3793	2	7450
1554	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^- D^{*+} n\bar{n}$	3808	2	7452
1555	$e^+e^- \to \pi^-\omega K^+ D^+\bar{D}^{*-} D^0$	8319	2	7454
1556	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^- D_{s0}^{*+}$	8321	2	7456
1557	$e^+e^- \to K^+ D^+\bar{D}^{*-} D^{*0} D_s^{*-}$	1163	2	7458
1558	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+} D_2^{*-} D_s^{*+}$	8360	2	7460
1559	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+ D^-$	8382	2	7462
1560	$e^+e^- \to \pi^0\rho^0\pi^+\eta D^+ D^- D_s^-$	8387	2	7464
1561	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-} D_1^+$	3815	2	7466
1562	$e^+e^- \to e^+\nu_e\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	8405	2	7468
1563	$e^+e^- \to \rho^+\rho^- D^+\bar{D}^{*-}$	1166	2	7470
1564	$e^+e^- \to e^+\nu_e D_2^{*+} D_s^- D_1'^-$	8417	2	7472
1565	$e^+e^- \to e^+\nu_e\pi^0\pi^0 D^-\bar{D}^{*-} D_s^{*+}$	8418	2	7474
1566	$e^+e^- \to \pi^-\omega D^+\bar{D}^{*-} a_1^+$	2021	2	7476
1567	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}$	8444	2	7478
1568	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^- D^+ D^-$	8465	2	7480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1569	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0\bar{D}^{*-}\eta_c$	3829	2	7482
1570	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^{*0}D_s^{*-}$	8507	2	7484
1571	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	8518	2	7486
1572	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+D_1^-$	3832	2	7488
1573	$e^+e^- \to e^+\nu_e\pi^0K^0K^-D^+\bar{D}^{*-}$	2023	2	7490
1574	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{p}\Xi_c^+$	8531	2	7492
1575	$e^+e^- \to e^+\nu_eK^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0$	3843	2	7494
1576	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^{*+}\bar{D}^0D^{*0}$	8540	2	7496
1577	$e^+e^- \to \pi^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	8553	2	7498
1578	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-\bar{\Delta}^+\Sigma_c^{++}$	8554	2	7500
1579	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+\bar{D}^{*-}\gamma$	3855	2	7502
1580	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^{*+}D_s^-$	8565	2	7504
1581	$e^+e^- \to e^+\nu_e\rho^+D^-D^{*0}D_s^-$	8571	2	7506
1582	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+D^-D_s^-$	8572	2	7508
1583	$e^+e^- \to \pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	410	2	7510
1584	$e^+e^- \to e^+\nu_eD^+D_s^{*-}D_0^{*-}$	8596	2	7512
1585	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	8601	2	7514
1586	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^-D^{*+}D_s^-$	8610	2	7516
1587	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}$	8615	2	7518
1588	$e^+e^- \to e^+\nu_eK^-D^+D^-\bar{D}^0$	8617	2	7520
1589	$e^+e^- \to K^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	8635	2	7522
1590	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^-D^{*+}$	2028	2	7524
1591	$e^+e^- \to \rho^+D^+D^-D_s^-$	1176	2	7526
1592	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}D_0^{*-}$	3874	2	7528
1593	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}$	8663	2	7530
1594	$e^+e^- \to K^-D^{*+}D_2^{*+}\bar{D}^{*0}D_s^-$	8684	2	7532
1595	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^+\bar{D}^{*-}$	3875	2	7534
1596	$e^+e^- \to \tau^+\nu_\tau\rho^-D^-D^{*+}\gamma$	8698	2	7536
1597	$e^+e^- \to e^+\nu_eD^{*+}D_2^{*-}D_{s1}'^-$	8700	2	7538
1598	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}$	8703	2	7540
1599	$e^+e^- \to \pi^+\eta K^{*-}D^-D^{*+}$	1177	2	7542
1600	$e^+e^- \to \pi^-\eta D^+J/\psi K_1^0$	8714	2	7544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1601	$e^+e^- \to \mu^+\nu_\mu\pi^-D^-D_2^{*+}$	717	2	7546
1602	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	8762	2	7548
1603	$e^+e^- \to \pi^+\rho^-D^-D^{*+}$	2041	2	7550
1604	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^+D^-D^{*0}$	8770	2	7552
1605	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\omega D^{*+}\bar{D}^{*-}$	8772	2	7554
1606	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+D^+D^-$	1181	2	7556
1607	$e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_{s1}^+$	8796	2	7558
1608	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^-D^{*+}$	3895	2	7560
1609	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}D^0$	8811	2	7562
1610	$e^+e^- \to e^+\nu_e\bar{K}^0D_2^{*-}D^0\bar{D}^{*0}$	3896	2	7564
1611	$e^+e^- \to e^+\nu_e\pi^0\rho^0\omega D^-D^0$	8821	2	7566
1612	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}$	8829	2	7568
1613	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+n\bar{\Sigma}_c^-D_1^+$	8834	2	7570
1614	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	8836	2	7572
1615	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+K^-D^-D^{*+}$	8838	2	7574
1616	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-}$	8839	2	7576
1617	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	2064	2	7578
1618	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\bar{D}^{*-}\bar{D}^{*-}$	8889	2	7580
1619	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}J/\psi$	3900	2	7582
1620	$e^+e^- \to \pi^+\pi^-\eta K^-K^{*+}D^+\bar{D}^{*-}$	8913	2	7584
1621	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_2^{*-}D_s^-$	1185	2	7586
1622	$e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	8921	2	7588
1623	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-}$	3913	2	7590
1624	$e^+e^- \to e^+\nu_eK^*K^{*-}D^+\bar{D}^{*-}$	1186	2	7592
1625	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\eta\omega K^0\bar{K}^0D^+D^{*+}$	8951	2	7594
1626	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\rho^-D^-\bar{D}^{*-}$	8954	2	7596
1627	$e^+e^- \to \pi^0\rho^0\pi^+\eta D^-D^{*+}D_s^{*-}$	8955	2	7598
1628	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^{*-}$	412	2	7600
1629	$e^+e^- \to \rho^+K^-K^{*+}D^+\bar{D}^{*-}D_s^-$	3946	2	7602
1630	$e^+e^- \to \pi^+K^{*-}D^+D^0\bar{D}^0D_s^{*-}$	8977	2	7604
1631	$e^+e^- \to e^+\nu_e\eta D^-D^{*+}a_1^-$	3947	2	7606
1632	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^+\bar{D}^{*-}\gamma$	8981	2	7608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1633	$e^+e^- \to D^+\bar{D}^{*-}D_s^-D_{s1}'^+$	1191	2	7610
1634	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	3960	2	7612
1635	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	2092	2	7614
1636	$e^+e^- \to \rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	1199	2	7616
1637	$e^+e^- \to \bar{K}^0K^+D^-D^{*+}D_{s1}'^-$	3970	2	7618
1638	$e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-}a_1^+$	9016	2	7620
1639	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-D^-D^{*+}$	3973	2	7622
1640	$e^+e^- \to \pi^-\rho^+\omega\omega K^-K^{*+}D^-D^{*+}$	9038	2	7624
1641	$e^+e^- \to \pi^0\bar{D}^{*-}\bar{n}\Sigma_c^0a_1^+$	9043	2	7626
1642	$e^+e^- \to \mu^+\nu_\mu\rho^0K^-D^+D^-\bar{D}^{*0}$	9045	2	7628
1643	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+\bar{D}^{*-}$	9047	2	7630
1644	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	3976	2	7632
1645	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}$	9070	2	7634
1646	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^+D^-D^{*+}$	127	2	7636
1647	$e^+e^- \to D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+D_{s1}'^+$	2120	2	7638
1648	$e^+e^- \to \tau^+\nu_\tau D^{*+}D_s^-D_1'^-$	4001	2	7640
1649	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}D_{s1}'^+$	9084	2	7642
1650	$e^+e^- \to D^+\bar{D}^0D_s^{*-}\Delta^0\bar{\Delta}^0$	9087	2	7644
1651	$e^+e^- \to \pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	9101	2	7646
1652	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu X_u^+D^{*+}$	9103	2	7648
1653	$e^+e^- \to \bar{D}^{*-}D^{*0}D_s^{*+}n\bar{\Delta}^0$	9109	2	7650
1654	$e^+e^- \to e^-\bar{\nu}_eD^+D_2^{*-}D_s^{*+}$	9115	2	7652
1655	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^+D^-\bar{D}^{*-}D^0$	723	2	7654
1656	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\omega D^+D^-$	9125	2	7656
1657	$e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}D_1^-$	2129	2	7658
1658	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	1210	2	7660
1659	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	2144	2	7662
1660	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_1^+$	4017	2	7664
1661	$e^+e^- \to \pi^+\pi^-K^*D^{*+}\bar{D}^{*-}D^0$	9160	2	7666
1662	$e^+e^- \to e^-\bar{\nu}_e\eta K^*D^-D^{*+}D^{*+}$	9195	2	7668
1663	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0D^{*+}\bar{D}^{*0}$	4019	2	7670
1664	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta\omega D^+D^-$	9201	2	7672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1665	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-D^+D^-$	729	2	7674
1666	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta D^{*+}\bar{D}^{*-}$	4026	2	7676
1667	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*0}$	9210	2	7678
1668	$e^+e^- \to \rho^0\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	4034	2	7680
1669	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}a_1^+$	9236	2	7682
1670	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^*D^{*+}D^{*+}\bar{D}^0$	2152	2	7684
1671	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	9251	2	7686
1672	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+$	4043	2	7688
1673	$e^+e^- \to e^+\nu_e\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	4044	2	7690
1674	$e^+e^- \to \pi^+\pi^-D^0\bar{D}^0n\bar{n}$	9275	2	7692
1675	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^+D_1^-$	9302	2	7694
1676	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^-D^{*+}$	9304	2	7696
1677	$e^+e^- \to \mu^+\nu_\mu D^+D_s^-D_1^-$	1226	2	7698
1678	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0D^-D^{*+}$	9308	2	7700
1679	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}$	9318	2	7702
1680	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\Delta^+\bar{\Sigma}_c^{--}$	9332	2	7704
1681	$e^+e^- \to \pi^0\pi^+K^+\bar{D}^{*-}D^0D^{*0}D_s^{*-}$	9336	2	7706
1682	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}\bar{p}\Lambda_c^+$	9356	2	7708
1683	$e^+e^- \to e^+\nu_eK^0K^{*-}D^-D^{*+}$	9362	2	7710
1684	$e^+e^- \to \rho^0\pi^+\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	9369	2	7712
1685	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{D}^0D_s^+$	9372	2	7714
1686	$e^+e^- \to \pi^0\pi^-\rho^+\eta D^-D^{*+}\gamma$	9380	2	7716
1687	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^{*+}D_1'^-$	1228	2	7718
1688	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^+D^-$	4059	2	7720
1689	$e^+e^- \to e^+\nu_eD_s^{*-}D_1^-D_1'^+$	9405	2	7722
1690	$e^+e^- \to D^{*+}D_2^{*+}D_s^{*-}D_s^{*-}$	4061	2	7724
1691	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}a_1^+D_1'^+$	9411	2	7726
1692	$e^+e^- \to \pi^-\pi^-K^0D^+D^{*+}\bar{D}^0$	9413	2	7728
1693	$e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	9420	2	7730
1694	$e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}D_{s1}'^-$	9422	2	7732
1695	$e^+e^- \to \pi^0\pi^-\eta D^+D^{*+}D_s^-$	9429	2	7734
1696	$e^+e^- \to \pi^0\rho^0\rho^-\eta D^+p\bar{\Lambda}_c^-$	9430	2	7736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1697	$e^+e^- \to e^+\nu_e K^* D^- D^{*+} \bar{D}^{*-}$	9438	2	7738
1698	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+ \bar{D}^{*-}$	9442	2	7740
1699	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega\omega D^+ D^-$	9446	2	7742
1700	$e^+e^- \to \rho^-\eta K^+ D^+ \bar{D}^{*-} D^{*0}$	9451	2	7744
1701	$e^+e^- \to e^+\nu_e \pi^+ K^{*-} \bar{D}^{*-} \eta_c$	2157	2	7746
1702	$e^+e^- \to e^+\nu_e \pi^0\rho^0\rho^- D^{*+} \bar{D}^{*-}$	417	2	7748
1703	$e^+e^- \to \mu^-\bar{\nu}_\mu \bar{D}^{*-} D_0^{*+} a_1^+$	9461	2	7750
1704	$e^+e^- \to \pi^+\rho^- D^+ \bar{D}^{*-}$	9472	2	7752
1705	$e^+e^- \to \mu^+\nu_\mu \pi^0\rho^0 K^* K^- D^+ \bar{D}^{*-}$	9473	2	7754
1706	$e^+e^- \to \pi^0 D^- \bar{D}^{*-} D_s^{*+} D_s^{*+}$	4081	2	7756
1707	$e^+e^- \to \pi^+\eta \bar{K}^* D^- D^{*+} \bar{D}^{*-}$	4082	2	7758
1708	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+ \bar{D}^{*-}$	9508	2	7760
1709	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+ \bar{D}^{*-}$	9510	2	7762
1710	$e^+e^- \to \rho^0\pi^+ D^{*+} \bar{D}^{*-} D_{s1}'^-$	236	2	7764
1711	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- D^- D^{*+} D_{s1}'^+$	9520	2	7766
1712	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^- D_2^{*+}$	9521	2	7768
1713	$e^+e^- \to e^-\bar{\nu}_e \pi^0\rho^0\rho^+\omega D^- D^{*+}$	9525	2	7770
1714	$e^+e^- \to \tau^+\nu_\tau D^+ D^- a_1^-$	9531	2	7772
1715	$e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^+ D^- D_s^{*-}$	4089	2	7774
1716	$e^+e^- \to \rho^0\rho^-\eta K^{*+} D^- D^{*+} D^{*0}$	9587	2	7776
1717	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^+\eta D^+ D^-$	4091	2	7778
1718	$e^+e^- \to \rho^0\pi^+\pi^-\rho^- D^- D^{*+} D_s^{*+}$	1253	2	7780
1719	$e^+e^- \to \rho^0\pi^+\pi^-\omega\omega K^+ K^- D^- D^{*+}$	9609	2	7782
1720	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^-\rho^+\eta D^{*+} \bar{D}^{*-}$	2180	2	7784
1721	$e^+e^- \to \pi^0\pi^- D^{*+} \bar{D}^{*-} D_{s0}^{*+}$	9615	2	7786
1722	$e^+e^- \to e^+\nu_e D^- D^{*+} \bar{D}^{*-}$	9629	2	7788
1723	$e^+e^- \to \mu^-\bar{\nu}_\mu \rho^+\eta K^+ K^- D^- D^{*+}$	426	2	7790
1724	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega D^+ D^-$	9639	2	7792
1725	$e^+e^- \to e^-\bar{\nu}_e \tau^+\nu_\tau D^{*+} D_2^{*-}$	241	2	7794
1726	$e^+e^- \to e^+\nu_e \rho^-\omega D^- D^{*+}$	9648	2	7796
1727	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- D^+ \bar{D}^{*-} a_1^+$	9656	2	7798
1728	$e^+e^- \to e^-\bar{\nu}_e K^{*-} D^{*+} D^{*+} \bar{D}^0$	9657	2	7800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1729	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^{*+}D^{*+}$	4144	2	7802
1730	$e^+e^- \to e^+\nu_e\bar{K}^0K^+D^-\bar{D}^{*-}$	4145	2	7804
1731	$e^+e^- \to e^+\nu_e\eta\bar{K}^0D^+D^-\bar{D}^{*-}$	1270	2	7806
1732	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^-D^{*+}$	9694	2	7808
1733	$e^+e^- \to e^+\nu_eK^{*+}D^-\bar{D}^{*-}D^{*0}$	9695	2	7810
1734	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^-$	4152	2	7812
1735	$e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}J/\psi$	438	2	7814
1736	$e^+e^- \to e^-\bar{\nu}_eK^-D^+D^{*+}\bar{D}^0$	2215	2	7816
1737	$e^+e^- \to \pi^+\pi^-K^+D^+\bar{D}^{*-}D^{*0}n\bar{p}$	2221	2	7818
1738	$e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-a_1^+$	9753	2	7820
1739	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0D^+\bar{D}^{*-}\bar{D}^{*-}$	9762	2	7822
1740	$e^+e^- \to \pi^0\rho^+\omega\omega K^-D^-D^{*+}\bar{D}^{*0}$	76	2	7824
1741	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_{s0}^{*+}$	9768	2	7826
1742	$e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^-D^-\bar{D}^{*-}$	251	2	7828
1743	$e^+e^- \to \pi^+\pi^-D^-D^{*0}D_s^{*+}$	1278	2	7830
1744	$e^+e^- \to \pi^+\pi^+\rho^-D^-D^{*+}D_s^{*-}$	9800	2	7832
1745	$e^+e^- \to \pi^0\pi^-D^-\bar{D}^0D_s^{*+}D_s^{*+}$	758	2	7834
1746	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-D^-D^{*+}$	1287	2	7836
1747	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_2^{*-}D_s^+$	132	2	7838
1748	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	9818	2	7840
1749	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}a_1^+$	9824	2	7842
1750	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}\eta_c$	9826	2	7844
1751	$e^+e^- \to e^+\nu_e\rho^0K^0J/\psi D_0^{*-}$	9836	2	7846
1752	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^-D^{*+}D^{*0}$	1297	2	7848
1753	$e^+e^- \to e^+\nu_eD^+D_s^-D_1^-$	9862	2	7850
1754	$e^+e^- \to \tau^+\nu_\tau\rho^+\bar{D}^{*-}D_2^{*-}$	9870	2	7852
1755	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}$	9875	2	7854
1756	$e^+e^- \to \pi^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	4192	2	7856
1757	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}\bar{D}^{*-}D^{*0}D_1^+$	9883	2	7858
1758	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-}D_s^{*-}$	9890	2	7860
1759	$e^+e^- \to \pi^-\eta\bar{K}^0K^{*+}D^+D^-$	4218	2	7862
1760	$e^+e^- \to \pi^0\eta\bar{K}^0\bar{K}^0K^+D^-D^0\bar{D}^{*0}$	9896	2	7864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1761	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}D^{*+}$	2260	2	7866
1762	$e^+e^- \to \pi^-\omega K^-D^+D^{*+}\bar{D}^{*0}$	9930	2	7868
1763	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+D^-D^-$	9932	2	7870
1764	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^+D^-$	9935	2	7872
1765	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}$	9944	2	7874
1766	$e^+e^- \to \pi^-\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-}$	9946	2	7876
1767	$e^+e^- \to \pi^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	2261	2	7878
1768	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{D}^0D_s^+$	9949	2	7880
1769	$e^+e^- \to K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}$	9969	2	7882
1770	$e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}D_s^+$	2270	2	7884
1771	$e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}D_2^{*+}D_s^-$	133	2	7886
1772	$e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^+D_{s1}'^-$	4261	2	7888
1773	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	4263	2	7890
1774	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^{*+}D_1^-$	2285	2	7892
1775	$e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^{*0}D_0^{*-}$	767	2	7894
1776	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\bar{D}^{*-}D_0^{*+}$	4295	2	7896
1777	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta D^{*+}\bar{D}^{*-}$	10025	2	7898
1778	$e^+e^- \to \mu^+\nu_\mu K^0K^-D^-D^{*+}$	2291	2	7900
1779	$e^+e^- \to \pi^0\pi^+D^-D^0D_s^+D_s^{*-}$	10057	2	7902
1780	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0K^*D^-D^{*+}$	774	2	7904
1781	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\rho^-D^{*+}$	10069	2	7906
1782	$e^+e^- \to \pi^0\pi^+\eta K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	4308	2	7908
1783	$e^+e^- \to \tau^+\nu_\tau D^{*+}D_s^{*-}D_1^-$	10078	2	7910
1784	$e^+e^- \to \pi^+\pi^+K^0K^-K^-D^+D^-\bar{D}^{*0}$	10080	2	7912
1785	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}$	10082	2	7914
1786	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^0D^+\chi_{c0}$	10087	2	7916
1787	$e^+e^- \to K^0\bar{K}^*D^-D^{*+}D^{*+}\bar{D}^{*-}$	10089	2	7918
1788	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\eta D^+\bar{D}^{*-}$	4316	2	7920
1789	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\eta_c$	10112	2	7922
1790	$e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	10113	2	7924
1791	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{n}\Sigma_c^0$	10129	2	7926
1792	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^+D^-$	10133	2	7928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1793	$e^+e^- \to e^+\nu_e\pi^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	1304	2	7930
1794	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^+D^-$	10154	2	7932
1795	$e^+e^- \to e^-\bar{\nu}_e K^0D^+D^-D_1^+$	2304	2	7934
1796	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^+D^+D^-$	10158	2	7936
1797	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}$	10170	2	7938
1798	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+D_1'^-$	4333	2	7940
1799	$e^+e^- \to e^+\nu_e\pi^-K^{*+}K^{*-}D^+\bar{D}^{*-}$	2306	2	7942
1800	$e^+e^- \to D^-D^{*+}D_s^{*+}D_s^{*-}$	10222	2	7944
1801	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^-$	2307	2	7946
1802	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	1305	2	7948
1803	$e^+e^- \to \pi^0\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	10288	2	7950
1804	$e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}$	4356	2	7952
1805	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_0^{*+}$	4365	2	7954
1806	$e^+e^- \to D^-D^{*+}D_s^{*-}a_1^+$	10306	2	7956
1807	$e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	10317	2	7958
1808	$e^+e^- \to \mu^+\nu_\mu K^-D^+D^-\bar{D}^{*0}$	10319	2	7960
1809	$e^+e^- \to \tau^+\nu_\tau\omega D^{*+}\bar{D}^{*-}n\bar{p}$	10322	2	7962
1810	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^+D^-D_s^-$	2317	2	7964
1811	$e^+e^- \to \tau^+\nu_\tau D^-X_{sd}\gamma$	1312	2	7966
1812	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^-a_1^+$	10394	2	7968
1813	$e^+e^- \to \pi^0\rho^-D^{*+}n\bar{\Sigma}_c^0$	10414	2	7970
1814	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D_s^-D_s^{*+}D_0^{*+}$	2335	2	7972
1815	$e^+e^- \to \mu^+\nu_\mu\pi^-K^*\bar{K}^*D^+\bar{D}^{*-}$	10427	2	7974
1816	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*0}\bar{n}\Delta^0$	10445	2	7976
1817	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_0^{*+}D_1^-$	10456	2	7978
1818	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^-D^{*+}D^{*0}$	10461	2	7980
1819	$e^+e^- \to \rho^0\pi^-D^{*+}D_s^{*+}D_1'^-$	135	2	7982
1820	$e^+e^- \to \pi^0\pi^+\omega D^+D^-D_s^{*-}$	10495	2	7984
1821	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+}$	10503	2	7986
1822	$e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}D_s^{*-}$	4402	2	7988
1823	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+J/\psi$	10532	2	7990
1824	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	10539	2	7992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1825	$e^+e^- \to K^0 D^{*+} \bar{D}^{*-} D_2^{*+} D_s^-$	2349	2	7994
1826	$e^+e^- \to \rho^- D^{*+} D^{*+} D_s^-$	10556	2	7996
1827	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 D^- D^{*+} \bar{n} p$	4411	2	7998
1828	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^+ \pi^- \pi^- \pi^- D^{*+} D^{*+}$	1321	2	8000
1829	$e^+e^- \to D^- D_s^+ D_s^{*-} D_1'^+$	10610	2	8002
1830	$e^+e^- \to \pi^0 \pi^- \pi^- \omega D^+ D^{*+}$	10613	2	8004
1831	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^- \eta \eta \omega D^- D^{*+}$	1324	2	8006
1832	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \bar{D}^{*-} D_0^{*+}$	1326	2	8008
1833	$e^+e^- \to e^- \bar{\nu}_e \pi^+ K^0 D^- D^{*+}$	782	2	8010
1834	$e^+e^- \to \mu^- \bar{\nu}_\mu X_u^+ K^+ \bar{D}^{*-} D^0$	10690	2	8012
1835	$e^+e^- \to e^- \bar{\nu}_e \pi^- D^{*+} \Delta^+ \bar{\Sigma}_c^{*0}$	10697	2	8014
1836	$e^+e^- \to \pi^0 \rho^0 \rho^0 \rho^0 \pi^+ \rho^- \omega D^+ \bar{D}^{*-}$	10698	2	8016
1837	$e^+e^- \to \mu^+ \nu_\mu \rho^- D_1^- D_1'^+$	10729	2	8018
1838	$e^+e^- \to \mu^+ \nu_\mu \rho^0 \bar{D}^{*-} \bar{n} \Sigma_c^0$	4442	2	8020
1839	$e^+e^- \to \pi^- \eta D^+ \bar{D}^{*-} a_1^+$	2365	2	8022
1840	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^- D^{*+} \bar{D}^0$	10736	2	8024
1841	$e^+e^- \to e^+ \nu_e \rho^0 \pi^+ \pi^- \rho^- \eta D^{*+} \bar{D}^{*-}$	10737	2	8026
1842	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \omega D^{*+} D^0$	10747	2	8028
1843	$e^+e^- \to e^+ \nu_e \bar{D}^{*-} D^0 p \bar{\Delta}^+$	10748	2	8030
1844	$e^+e^- \to \tau^+ \nu_\tau K^+ D^- D^- D^{*0}$	4450	2	8032
1845	$e^+e^- \to \rho^0 \pi^- \eta D^{*+} \bar{D}^{*-} D_s^{*+}$	4464	2	8034
1846	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- \rho^- D^+ D^{*+}$	10773	2	8036
1847	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \rho^+ D^- D^{*+}$	10775	2	8038
1848	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- K^* D^+ D^- \bar{D}^{*-}$	2371	2	8040
1849	$e^+e^- \to D_2^{*+} D_s^- D_s^{*+} D_1^-$	10790	2	8042
1850	$e^+e^- \to \rho^0 \pi^+ \pi^- \omega D^+ \bar{D}^{*-}$	4469	2	8044
1851	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^- \rho^- \omega D^{*+} D_1^-$	10803	2	8046
1852	$e^+e^- \to \pi^+ \pi^- \bar{K}^0 D^- \bar{D}^0 D^{*0} D_s^+$	4470	2	8048
1853	$e^+e^- \to \bar{K}^* D^{*+} \bar{D}^{*-} D_2^{*-} D_s^+$	2381	2	8050
1854	$e^+e^- \to \rho^0 \pi^+ \pi^- \rho^+ \rho^- D^{*+} \bar{D}^{*-}$	10848	2	8052
1855	$e^+e^- \to e^+ \nu_e \pi^- \bar{D}^{*-} \bar{n} \Sigma_c^+$	10859	2	8054
1856	$e^+e^- \to \rho^0 \rho^+ \rho^- D^+ \bar{D}^{*-}$	4478	2	8056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1857	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\bar{D}^{*-}D_0^{*+}$	10873	2	8058
1858	$e^+e^- \to \rho^-\omega D^+\bar{D}^0\bar{n}\Delta^0$	2384	2	8060
1859	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\bar{K}^0K^+D^-D^{*+}$	10895	2	8062
1860	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^{*+}\bar{D}^{*-}$	4519	2	8064
1861	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D^{*0}D_s^-$	10916	2	8066
1862	$e^+e^- \to K^0D^{*+}D^0\bar{D}^{*0}a_1^-$	10917	2	8068
1863	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-}$	10924	2	8070
1864	$e^+e^- \to \pi^+K^0K^-D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	787	2	8072
1865	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	10934	2	8074
1866	$e^+e^- \to D^{*+}D_s^{*+}D_1^-D_{s1}'^-$	4542	2	8076
1867	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^+D^-$	10940	2	8078
1868	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_0^{*+}$	10942	2	8080
1869	$e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^+$	10952	2	8082
1870	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*0}$	2397	2	8084
1871	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^0D^{*0}$	10960	2	8086
1872	$e^+e^- \to \mu^+\nu_\mu\eta D^-D^{*+}D_s^-$	10968	2	8088
1873	$e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^-D_s^{*+}$	10975	2	8090
1874	$e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	10979	2	8092
1875	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+D^-D_1^+$	4561	2	8094
1876	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	2401	2	8096
1877	$e^+e^- \to \bar{K}^*D^-D^-D^{*+}D_s^+$	1331	2	8098
1878	$e^+e^- \to \mu^+\nu_\mu K^0\bar{D}^{*-}D^0\bar{D}^{*0}$	11029	2	8100
1879	$e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma$	11031	2	8102
1880	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD_0^{*+}D_1'^-$	11035	2	8104
1881	$e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D^{*+}\bar{D}^0$	4566	2	8106
1882	$e^+e^- \to \rho^+\rho^-\eta\omega D^+D^-$	11054	2	8108
1883	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*-}$	2407	2	8110
1884	$e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	4583	2	8112
1885	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-D_s^{*+}$	11072	2	8114
1886	$e^+e^- \to \rho^+D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	11074	2	8116
1887	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^{*+}D_0^{*-}$	11075	2	8118
1888	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0D^+D^-D^{*+}$	4585	2	8120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1889	$e^+e^- \to D^{*+}a_1^- X_{sd}\gamma$	11100	2	8122
1890	$e^+e^- \to e^-\bar{\nu}_e\pi^0 K^+ D^{*+}\bar{D}^{*-}$	11102	2	8124
1891	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^+ D^- D^{*+}$	2408	2	8126
1892	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\eta\omega D^-\bar{D}^{*-}$	11111	2	8128
1893	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+$	4600	2	8130
1894	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0 D^+ D^- D^-$	11153	2	8132
1895	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^{*+}D^+\bar{D}^{*-}D^{*0}$	4606	2	8134
1896	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta\bar{D}^{*-}D_2^{*+}$	11217	2	8136
1897	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^+ D^-$	11220	2	8138
1898	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^- D^{*+}D^{*+}$	790	2	8140
1899	$e^+e^- \to \pi^0\rho^0\pi^- K^0 D^+ D^{*+}\bar{D}^{*-}$	11244	2	8142
1900	$e^+e^- \to \mu^+\nu_\mu D^+ D^-\bar{D}^{*-}$	11246	2	8144
1901	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ D^+\bar{D}^{*-}D_s^{*-}$	11256	2	8146
1902	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+ K^- D^+ D^-\bar{D}^{*-}$	11265	2	8148
1903	$e^+e^- \to \rho^-\bar{D}^{*-}D_2^{*+}D_s^{*+}$	11268	2	8150
1904	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\rho^- D^- D^{*+}$	11271	2	8152
1905	$e^+e^- \to K^+ D^+\bar{D}^{*-}D^0 n\bar{p}$	11273	2	8154
1906	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ K^+\bar{D}^{*-}D^{*0}$	11282	2	8156
1907	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^- D^+ D_0^{*-}$	11283	2	8158
1908	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	791	2	8160
1909	$e^+e^- \to \rho^+\rho^-\eta D^- D^{*+}$	11325	2	8162
1910	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+}D^{*0}\bar{D}^{*0}$	11328	2	8164
1911	$e^+e^- \to \pi^-\omega D^{*+}D_2^{*-}D_s^{*+}$	11329	2	8166
1912	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	11339	2	8168
1913	$e^+e^- \to e^+\nu_e K^{*-}D^+ D^-\bar{D}^{*0}$	11341	2	8170
1914	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	798	2	8172
1915	$e^+e^- \to \pi^0\pi^+\eta D^+ D^- D_s^{*-}$	11350	2	8174
1916	$e^+e^- \to \pi^+\pi^-\rho^+ D^+\bar{D}^{*-}D_s^-$	4643	2	8176
1917	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega\bar{D}^{*-}D_1'^+$	11358	2	8178
1918	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	11365	2	8180
1919	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta D^- D^{*+}$	1358	2	8182
1920	$e^+e^- \to \pi^+ K^+ D^- D^0 D^{*0}D_s^-$	11379	2	8184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1921	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^+D^-D^{*0}$	11383	2	8186
1922	$e^+e^- \to \mu^+\nu_\mu K^0K^-D^{*+}\bar{D}^{*-}$	11397	2	8188
1923	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega D^-D^{*+}n\bar{n}$	11406	2	8190
1924	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-D_s^{*+}$	4653	2	8192
1925	$e^+e^- \to \pi^+\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	4654	2	8194
1926	$e^+e^- \to \pi^+\pi^-\rho^+D^+D_s^{*-}D_1'^-$	11420	2	8196
1927	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}a_1^+\gamma$	800	2	8198
1928	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	4667	2	8200
1929	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^-D^{*+}$	11437	2	8202
1930	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^+\bar{D}^{*-}$	11440	2	8204
1931	$e^+e^- \to \pi^-K^+D^+D^+\bar{D}^{*-}D_s^-$	11441	2	8206
1932	$e^+e^- \to \pi^0\rho^0\pi^+K^-D^+D^-\bar{D}^{*0}$	11468	2	8208
1933	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	1361	2	8210
1934	$e^+e^- \to e^-\bar{\nu}_eK_SD^+J/\psi$	11477	2	8212
1935	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^0$	11490	2	8214
1936	$e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}\bar{D}^{*0}D_{s1}'^-$	2446	2	8216
1937	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+\bar{D}^{*-}$	11512	2	8218
1938	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^+D^-D^{*+}$	11524	2	8220
1939	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\omega D^-D^{*+}$	11526	2	8222
1940	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	4671	2	8224
1941	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+$	11563	2	8226
1942	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^+D_2^{*-}$	4680	2	8228
1943	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	11578	2	8230
1944	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	1373	2	8232
1945	$e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^0K^{*+}D^+D^-$	11617	2	8234
1946	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^+\bar{D}^{*-}p\bar{p}$	2454	2	8236
1947	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^-D_1^+$	11628	2	8238
1948	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^+D^-D_s^{*+}$	11629	2	8240
1949	$e^+e^- \to e^+\nu_eK^-D^{*+}\bar{D}^0D_1^-$	4711	2	8242
1950	$e^+e^- \to \pi^+\rho^+\omega D^-\bar{D}^{*-}$	11636	2	8244
1951	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}D_1^-$	4715	2	8246
1952	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^-D_{s1}'^+$	11676	2	8248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1953	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+$	11682	2	8250
1954	$e^+e^- \to e^+\nu_e\pi^-D^+D_2^{*-}n\bar{n}$	4717	2	8252
1955	$e^+e^- \to \pi^0\pi^+\eta\eta D^-D^{*+}a_1^-$	4720	2	8254
1956	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^-D^{*+}D^{*+}$	11702	2	8256
1957	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta D^+\bar{D}^{*-}$	11713	2	8258
1958	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^-D^{*+}$	2459	2	8260
1959	$e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	11756	2	8262
1960	$e^+e^- \to \tau^+\nu_\tau D^+D_0^{*-}D_{s1}'^-$	11765	2	8264
1961	$e^+e^- \to D^{*+}D^{*+}D_{s1}'^-D_{s1}'^-$	4732	2	8266
1962	$e^+e^- \to \pi^0\rho^-\eta D^-D^{*+}a_1^+$	11777	2	8268
1963	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-}$	2464	2	8270
1964	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^+D^-$	11789	2	8272
1965	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	11800	2	8274
1966	$e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	11806	2	8276
1967	$e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D_s^+$	11824	2	8278
1968	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	4753	2	8280
1969	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0D^+D^-\bar{D}^{*-}$	801	2	8282
1970	$e^+e^- \to \pi^-\bar{D}^{*-}D_s^{*+}\Delta^+\bar{\Sigma}_c^{*0}$	11843	2	8284
1971	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D_2^{*+}D_s^-$	11846	2	8286
1972	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^-D_s^+\gamma$	4760	2	8288
1973	$e^+e^- \to K^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D^{*0}$	11854	2	8290
1974	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^0$	4763	2	8292
1975	$e^+e^- \to e^+\nu_e\rho^-D^+\bar{D}^{*-}n\bar{n}$	11864	2	8294
1976	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}J/\psi$	4766	2	8296
1977	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-D^-\bar{D}^{*-}$	11882	2	8298
1978	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^*D^+D^-D^{*+}$	4773	2	8300
1979	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0$	11904	2	8302
1980	$e^+e^- \to \rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	11913	2	8304
1981	$e^+e^- \to \bar{D}^{*-}D_s^{*+}D_s^{*-}D_1'^+$	11921	2	8306
1982	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^+\bar{D}^{*-}$	11925	2	8308
1983	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	11928	2	8310
1984	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_2^{*-}D_s^{*+}$	11932	2	8312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
1985	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	2483	2	8314
1986	$e^+e^- \to \tau^+\nu_\tau\pi^+\eta\omega D^-\bar{D}^{*-}$	11942	2	8316
1987	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^-D_0^{*+}$	1380	2	8318
1988	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}D^0D_s^-$	11979	2	8320
1989	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^+D^-$	11991	2	8322
1990	$e^+e^- \to e^+\nu_e\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	12007	2	8324
1991	$e^+e^- \to \pi^+\pi^-K^*J/\psi J/\psi\bar{K}_1^0$	12013	2	8326
1992	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}n\bar{\Sigma}_c^-$	4804	2	8328
1993	$e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}a_1^-$	12017	2	8330
1994	$e^+e^- \to \tau^+\nu_\tau K^+D^-\bar{D}^{*-}D^0$	4810	2	8332
1995	$e^+e^- \to \rho^0\pi^+\omega D^{*+}\bar{D}^{*-}a_1^-$	4813	2	8334
1996	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	4815	2	8336
1997	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^{*-}$	12043	2	8338
1998	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^+D^-$	12044	2	8340
1999	$e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^-a_1^+$	2487	2	8342
2000	$e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}\bar{D}^{*0}D_s^{*-}$	12055	2	8344
2001	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-D^+D^+$	4827	2	8346
2002	$e^+e^- \to \pi^0\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^0D_s^{*+}$	12089	2	8348
2003	$e^+e^- \to \pi^+\eta D^{*+}\bar{D}^{*-}D_{s1}'^-$	12093	2	8350
2004	$e^+e^- \to \pi^+K^0D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-}$	12107	2	8352
2005	$e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}a_1^-$	1381	2	8354
2006	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-}$	4837	2	8356
2007	$e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\Delta^-\bar{\Delta}^0$	12117	2	8358
2008	$e^+e^- \to e^+\nu_eK^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	4848	2	8360
2009	$e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}D_s^+$	12133	2	8362
2010	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-D^{*+}D_1^-$	12136	2	8364
2011	$e^+e^- \to e^+\nu_eK^-D^+\bar{D}^{*-}\bar{D}^0$	12140	2	8366
2012	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	4862	2	8368
2013	$e^+e^- \to \pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	12164	2	8370
2014	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	12168	2	8372
2015	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}$	12174	2	8374
2016	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}$	12204	2	8376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2017	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- K^* D^- D^{*+} D^0$	4863	2	8378
2018	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}$	12211	2	8380
2019	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}$	12222	2	8382
2020	$e^+e^- \to \mu^+\nu_\mu\pi^- D^- D^{*+}$	12230	2	8384
2021	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^- D^{*+}$	12234	2	8386
2022	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^+ D^-$	4868	2	8388
2023	$e^+e^- \to \pi^- K^0 D^+ D^- D^{*+}$	4872	2	8390
2024	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_2^{*-} D_1'^+$	12268	2	8392
2025	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\bar{D}^{*-} D_2^{*+}$	12277	2	8394
2026	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	12281	2	8396
2027	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^- D^{*+}$	12292	2	8398
2028	$e^+e^- \to e^+\nu_e\pi^- D^{*+}\bar{D}^{*0} a_1^-$	12296	2	8400
2029	$e^+e^- \to \pi^0\pi^-\rho^-\omega K^+ D^+ D^0\bar{D}^0$	12301	2	8402
2030	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^- D^+ D^-$	12320	2	8404
2031	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^- D^{*+}\bar{D}^{*-}$	12324	2	8406
2032	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^+ D^-$	12325	2	8408
2033	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^0$	12327	2	8410
2034	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^- D^+\bar{D}^{*-}$	12328	2	8412
2035	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^{*0} D_s^-$	1394	2	8414
2036	$e^+e^- \to \tau^+\nu_\tau D^{*+} D_1^- D_{s1}'^-$	12351	2	8416
2037	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+ D^{*+}\bar{D}^{*-}$	12353	2	8418
2038	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^* D^- D^{*+} D^{*+}$	4896	2	8420
2039	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^- D^{*+}$	12377	2	8422
2040	$e^+e^- \to \pi^0\pi^+\pi^- D^0\bar{D}^{*0} D_s^+ D_s^-$	12396	2	8424
2041	$e^+e^- \to \pi^+\omega\bar{K}^* K^- D^- D^{*+}$	4898	2	8426
2042	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- K^+ K^{*-} D^{*+}\bar{D}^{*-}$	12415	2	8428
2043	$e^+e^- \to K^* D^+ D^- D^{*+} D_{s1}'^-$	12444	2	8430
2044	$e^+e^- \to e^+\nu_e D^- D^{*+} D_s^-$	2505	2	8432
2045	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\bar{D}^{*-} D^0 D_s^-$	12512	2	8434
2046	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^- D^{*+}$	78	2	8436
2047	$e^+e^- \to \rho^0\pi^+ D^+\bar{D}^{*-} D_s^-$	12519	2	8438
2048	$e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-} a_1^-\gamma$	12545	2	8440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2049	$e^+e^- \to e^-\bar{\nu}_e K^+ \bar{D}^{*-} D_2^{*+} D^{*0}$	2510	2	8442
2050	$e^+e^- \to \rho^- D^- D^{*+} D_{s1}'^+$	12577	2	8444
2051	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^+\bar{D}^{*-}$	12593	2	8446
2052	$e^+e^- \to \bar{K}^* D^+ D^- \bar{D}^{*-} D_{s0}^{*+}$	4913	2	8448
2053	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	12626	2	8450
2054	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^- D^{*+} D^{*+}$	12635	2	8452
2055	$e^+e^- \to \mu^+\nu_\mu K^- D^{*+}\bar{D}^{*-}$	12644	2	8454
2056	$e^+e^- \to K^0 D^{*+}\bar{D}^{*-} D_s^- D_1^+$	4917	2	8456
2057	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	4918	2	8458
2058	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+ D^-$	12663	2	8460
2059	$e^+e^- \to \bar{K}^0 D^{*+}\bar{D}^{*-} D_2^{*-} D_s^+$	4924	2	8462
2060	$e^+e^- \to D^+\bar{D}^{*-}\bar{n}p D_{s0}^{*-}$	12666	2	8464
2061	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0 K^- D^+\bar{D}^{*-}$	12679	2	8466
2062	$e^+e^- \to \bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-} D_s^+$	4927	2	8468
2063	$e^+e^- \to \pi^0\rho^+\eta K^- D^- D^{*+}\bar{D}^{*0}$	12684	2	8470
2064	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D_2^{*+}\Delta^+\bar{\Sigma}_c^{--}$	12695	2	8472
2065	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\bar{D}^{*-} D_1'^+$	12718	2	8474
2066	$e^+e^- \to e^+\nu_e K^{*-} D^+\bar{D}^{*0} D_1'^-$	12727	2	8476
2067	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+}$	1402	2	8478
2068	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta D^- D^{*+}$	12737	2	8480
2069	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\eta D^+ D^-$	12752	2	8482
2070	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^- D^+\bar{D}^{*-}$	12753	2	8484
2071	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^+ D^- D_s^+$	12758	2	8486
2072	$e^+e^- \to \rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-}$	12761	2	8488
2073	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^+ K^{*-} D^+\bar{D}^{*-}$	12764	2	8490
2074	$e^+e^- \to e^+\nu_e\bar{K}^0 D^+ D^- D^-$	12768	2	8492
2075	$e^+e^- \to \pi^0\pi^-\eta' D^+ D^- D_s^{*+}$	12778	2	8494
2076	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^- D_1^+$	12779	2	8496
2077	$e^+e^- \to \rho^- D^+\bar{D}^{*-} D_{s1}'^+$	12780	2	8498
2078	$e^+e^- \to e^-\bar{\nu}_e D^+ D^{*+} D_{s1}'^-$	12781	2	8500
2079	$e^+e^- \to e^+\nu_e\pi^- D^- D^{*+}$	12787	2	8502
2080	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^* D^+ D^{*+}\bar{D}^{*0}$	12791	2	8504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2081	$e^+e^- \to \tau^+\nu_\tau\rho^+\omega D^- D_1'^-$	12794	2	8506
2082	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ D^+\Delta^0\bar{\Lambda}_c^-$	4948	2	8508
2083	$e^+e^- \to \mu^+\nu_\mu K^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	12804	2	8510
2084	$e^+e^- \to \pi^0\rho^-\omega K^0 K^{*-} D^+ D^{*+}$	12819	2	8512
2085	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+} D^{*0}$	12827	2	8514
2086	$e^+e^- \to \pi^0\rho^0\pi^- K^+ D^+\bar{D}^{*-} D^{*0}$	12829	2	8516
2087	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^+\omega D^{*+}\bar{D}^{*-}$	2518	2	8518
2088	$e^+e^- \to e^-\bar{\nu}_e K^*\phi D^{*+} J/\psi$	12877	2	8520
2089	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^- D^- D^{*+}$	4963	2	8522
2090	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- K^+ D^{*+}\eta_c(2S)$	12896	2	8524
2091	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^0 K^- D^+\bar{D}^{*-}$	12901	2	8526
2092	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^0$	12902	2	8528
2093	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^-\bar{D}^{*-} D_s^+$	4968	2	8530
2094	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}$	12939	2	8532
2095	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D^+ D^+\bar{D}^{*-}$	2519	2	8534
2096	$e^+e^- \to e^-\bar{\nu}_e\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	12952	2	8536
2097	$e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-} a_1^-$	12958	2	8538
2098	$e^+e^- \to \pi^+\eta\omega D^- D^{*+} D_s^{*-}$	12960	2	8540
2099	$e^+e^- \to \pi^0\rho^0\rho^+ D^+ D^- D_s^{*-}$	12968	2	8542
2100	$e^+e^- \to \rho^0\pi^+ K^0 K^- D^+ D^+ D^-\bar{D}^{*-}$	2520	2	8544
2101	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{\Delta}^+\Sigma_c^{*+}$	12990	2	8546
2102	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^-\bar{\Delta}^-\Delta^0$	13024	2	8548
2103	$e^+e^- \to \bar{K}^0 D^+ D^-\bar{D}^{*-} D_s^+$	13038	2	8550
2104	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+ D^+ D^-$	13068	2	8552
2105	$e^+e^- \to \rho^0\pi^-\rho^+\eta D^+\bar{D}^{*-}$	4986	2	8554
2106	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^+\bar{D}^{*-} n\bar{n}$	13076	2	8556
2107	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+ X_u^-$	4998	2	8558
2108	$e^+e^- \to \rho^+\rho^-\omega D^- D^{*+}$	2521	2	8560
2109	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0 K^{*+} D^-\bar{D}^{*-}$	13098	2	8562
2110	$e^+e^- \to \rho^- K^- K^{*+} K^{*+} D^+\bar{D}^{*-} D^{*0}$	13107	2	8564
2111	$e^+e^- \to \pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-} D_{s1}'^+$	13112	2	8566
2112	$e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-} D_{s1}'^-$	2526	2	8568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2113	$e^+e^- \to K^- D^{*+} D_2^{*-} \bar{D}^{*0} D_s^{*+}$	13121	2	8570
2114	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \rho^- \omega \bar{K}^0 K^+ D^{*+} \bar{D}^{*-}$	13124	2	8572
2115	$e^+e^- \to e^- \bar{\nu}_e \pi^0 D^+ D^- D_s^{*+}$	1403	2	8574
2116	$e^+e^- \to \mu^- \bar{\nu}_\mu \bar{D}^{*-} D_1^+ a_1^+$	13140	2	8576
2117	$e^+e^- \to \mu^- \bar{\nu}_\mu D^- D_s^+ D_1^+$	13154	2	8578
2118	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 D^- D_s^+ D_1^+$	13163	2	8580
2119	$e^+e^- \to K^* K^- D^{*+} \bar{D}^{*0} \psi'$	13165	2	8582
2120	$e^+e^- \to \mu^+ \nu_\mu \bar{K}^* \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^+$	13170	2	8584
2121	$e^+e^- \to \rho^0 \rho^+ \bar{D}^{*-} D_2^{*+} D_s^-$	13171	2	8586
2122	$e^+e^- \to \rho^0 \pi^+ D^+ \bar{D}^{*-} a_1^-$	13175	2	8588
2123	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^+ \pi^- D^- D^{*+}$	13187	2	8590
2124	$e^+e^- \to e^- \bar{\nu}_e \pi^0 K^* D^{*+} J/\psi$	808	2	8592
2125	$e^+e^- \to \mu^+ \nu_\mu \rho^0 \pi^- \eta \omega D^{*+} \bar{D}^{*-}$	13193	2	8594
2126	$e^+e^- \to D^- D^{*+} D_s^{*+} D_{s1}'^-$	485	2	8596
2127	$e^+e^- \to \pi^0 \pi^- \rho^+ D^- D^{*+}$	13248	2	8598
2128	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 K^* K^- D^+ D^{*+}$	13259	2	8600
2129	$e^+e^- \to \mu^+ \nu_\mu D^+ D^- D_s^{*-}$	13261	2	8602
2130	$e^+e^- \to e^+ \nu_e \tau^- \bar{\nu}_\tau X_u^- D^{*+}$	5027	2	8604
2131	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ K^0 \bar{K}^0 D^- D^{*+}$	5028	2	8606
2132	$e^+e^- \to e^- \bar{\nu}_e \omega \omega D^{*+} \bar{D}^0$	13286	2	8608
2133	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^- \omega D^{*+} \bar{D}^{*-}$	13292	2	8610
2134	$e^+e^- \to \pi^0 \rho^0 \rho^- K^0 K^- D^+ D^+$	13298	2	8612
2135	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \omega D^+ \bar{D}^{*-}$	13302	2	8614
2136	$e^+e^- \to \rho^+ D^- D_2^{*+} D_s^{*-}$	13309	2	8616
2137	$e^+e^- \to \mu^+ \nu_\mu D^+ D_s^- D_1'^-$	13328	2	8618
2138	$e^+e^- \to \mu^+ \nu_\mu K^{*+} \bar{D}^{*-} \bar{D}^{*-} D^0$	13333	2	8620
2139	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \pi^- \pi^- D^+ D^{*+}$	5032	2	8622
2140	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^- D^{*+} p \bar{\Lambda}_c^-$	13349	2	8624
2141	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \eta D^+ \bar{D}^{*-}$	13360	2	8626
2142	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-}$	13375	2	8628
2143	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \rho^+ \bar{D}^{*-}$	13385	2	8630
2144	$e^+e^- \to \bar{K}^0 K^+ D^+ \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	13390	2	8632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2145	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}D_1^-$	13398	2	8634
2146	$e^+e^- \to \tau^+\nu_\tau\pi^-\omega D^+\bar{D}^{*-}$	13402	2	8636
2147	$e^+e^- \to \pi^+\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	1417	2	8638
2148	$e^+e^- \to \rho^0\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	13404	2	8640
2149	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_1^+\gamma$	13408	2	8642
2150	$e^+e^- \to e^+\nu_eK_S\bar{D}^{*-}\chi_{c1}$	13411	2	8644
2151	$e^+e^- \to e^+\nu_e\pi^+K^-D^-\chi_{c0}$	13416	2	8646
2152	$e^+e^- \to \pi^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	13418	2	8648
2153	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}J/\psi$	13421	2	8650
2154	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega D^+D^{*+}$	13423	2	8652
2155	$e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	13427	2	8654
2156	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^-D^{*+}$	13444	2	8656
2157	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^+D^{*+}a_1^-$	13456	2	8658
2158	$e^+e^- \to e^+\nu_e\pi^+K^{*-}D^-D^{*+}\bar{D}^{*-}$	13462	2	8660
2159	$e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^-D^0D^0$	13464	2	8662
2160	$e^+e^- \to \pi^-D^+\bar{D}^{*-}a_1^+$	13492	2	8664
2161	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}n\bar{p}$	13506	2	8666
2162	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}D_{s1}'^+$	814	2	8668
2163	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}$	5051	2	8670
2164	$e^+e^- \to K^{*-}D^{*+}D_2^{*-}\bar{D}^{*0}D_s^+$	13541	2	8672
2165	$e^+e^- \to \bar{K}^0K^+K^-D^-D^{*+}\bar{D}^{*0}$	5062	2	8674
2166	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}$	13548	2	8676
2167	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}$	5064	2	8678
2168	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\pi^-\rho^+D^+D^{*+}$	13566	2	8680
2169	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}$	2563	2	8682
2170	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*-}D_s^+$	13573	2	8684
2171	$e^+e^- \to \pi^0\pi^+\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	13591	2	8686
2172	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+D^-D^{*+}$	13596	2	8688
2173	$e^+e^- \to \mu^+\nu_\mu K^0K^-D^+D^-$	13613	2	8690
2174	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta D^-\bar{D}^{*0}$	13623	2	8692
2175	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega D^-D^{*+}$	13646	2	8694
2176	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}D^{*0}$	13676	2	8696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2177	$e^+e^- \to \pi^0\rho^0\rho^+D^+\bar{D}^{*-}D_{s1}'^-$	13678	2	8698
2178	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-D^+\bar{D}^{*-}$	13687	2	8700
2179	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	2583	2	8702
2180	$e^+e^- \to \pi^-\eta K^{*+}D^+\bar{D}^{*-}D^{*0}$	13694	2	8704
2181	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0$	13713	2	8706
2182	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^+\bar{D}^{*-}D^{*0}$	1432	2	8708
2183	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_2^{*+}D_s^{*-}$	13729	2	8710
2184	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^+\bar{D}^{*-}D_1'^-$	13730	2	8712
2185	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	13736	2	8714
2186	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	13745	2	8716
2187	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+D^-$	5085	2	8718
2188	$e^+e^- \to \pi^0\pi^-\rho^-D^+\bar{D}^0D_s^+$	13833	2	8720
2189	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu X_u^-\bar{D}^{*-}$	13851	2	8722
2190	$e^+e^- \to \pi^0\rho^0\pi^+K^{*-}D^-D^{*+}\bar{D}^{*0}$	1441	2	8724
2191	$e^+e^- \to D^{*+}D_s^{*+}D_1^-D_{s0}^{*-}$	2592	2	8726
2192	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-D^-D_1'^+$	2609	2	8728
2193	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*0}$	5113	2	8730
2194	$e^+e^- \to e^+\nu_e\pi^0K^0K^{*-}D^{*+}\bar{D}^{*-}$	13933	2	8732
2195	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+D_0^{*-}$	5131	2	8734
2196	$e^+e^- \to \rho^+D^-D_2^{*+}D_s^-$	13956	2	8736
2197	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_0^{*+}$	13971	2	8738
2198	$e^+e^- \to e^+\nu_eK^{*-}D^+D^-\bar{D}^0$	13989	2	8740
2199	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	14007	2	8742
2200	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^-$	14009	2	8744
2201	$e^+e^- \to K^-D^{*+}D^{*+}\bar{D}^{*0}D_s^-$	14027	2	8746
2202	$e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}a_1^+$	5133	2	8748
2203	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^-$	14033	2	8750
2204	$e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^-D_s^+$	14035	2	8752
2205	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	14044	2	8754
2206	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega\bar{D}^{*-}D_0^{*+}$	5144	2	8756
2207	$e^+e^- \to \pi^0\pi^+K^0K^{*-}D^{*+}\bar{D}^{*-}$	14095	2	8758
2208	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\omega D^{*+}\bar{D}^{*0}$	5145	2	8760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2209	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}n\bar{\Sigma}_c^0$	14121	2	8762
2210	$e^+e^- \to \pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^-$	14145	2	8764
2211	$e^+e^- \to \pi^0D^-D^{*+}D_s^{*-}\bar{n}p$	825	2	8766
2212	$e^+e^- \to K^{*-}D^+D^{*+}\bar{D}^{*0}D_s^{*-}$	14152	2	8768
2213	$e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*+}D_s^{*-}$	14154	2	8770
2214	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}n\bar{\Lambda}_c^-$	5153	2	8772
2215	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}$	5155	2	8774
2216	$e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+a_1^-$	14183	2	8776
2217	$e^+e^- \to \rho^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0$	14224	2	8778
2218	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	14225	2	8780
2219	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-}$	486	2	8782
2220	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}$	14238	2	8784
2221	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^{*-}D_1^-$	14250	2	8786
2222	$e^+e^- \to e^-\bar{\nu}_e\phi D^-D^{*+}D_s^+$	14267	2	8788
2223	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}p\bar{\Sigma}_c^{--}$	14296	2	8790
2224	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	14335	2	8792
2225	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0D^-D^-D^{*0}$	14347	2	8794
2226	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+D^{*+}\bar{D}^{*-}$	2624	2	8796
2227	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D^{*+}n\bar{n}$	14349	2	8798
2228	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+D_2^{*-}$	2625	2	8800
2229	$e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}D_s^{*+}$	14392	2	8802
2230	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_s^{*+}$	14421	2	8804
2231	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}a_1^+$	14440	2	8806
2232	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\omega D^{*+}\bar{D}^{*-}$	14443	2	8808
2233	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_2^{*+}$	14486	2	8810
2234	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	14505	2	8812
2235	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	14506	2	8814
2236	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+}$	14512	2	8816
2237	$e^+e^- \to D^+D^{*+}D_s^-D_{s1}'^-$	14516	2	8818
2238	$e^+e^- \to \rho^+D^-\bar{D}^{*-}D_s^{*+}$	5171	2	8820
2239	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}D_1^+$	5177	2	8822
2240	$e^+e^- \to K^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	14533	2	8824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2241	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^-D^{*+}\bar{n}p$	14538	2	8826
2242	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^0a_1^-$	14551	2	8828
2243	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0}$	832	2	8830
2244	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_2^{*-}$	14574	2	8832
2245	$e^+e^- \to e^+\nu_e\pi^0\rho^+\omega D^-\bar{D}^{*-}$	14604	2	8834
2246	$e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\bar{p}\Sigma_c^+$	14607	2	8836
2247	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-K^*D^-D_1^+$	14615	2	8838
2248	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}a_1^-$	14626	2	8840
2249	$e^+e^- \to e^+\nu_e\pi^-\rho^+K^0K^-D^+\bar{D}^{*-}$	14640	2	8842
2250	$e^+e^- \to K^+D^-\bar{D}^{*-}D^{*0}D_{s1}'^+$	14643	2	8844
2251	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}a_1^+$	5197	2	8846
2252	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^{*+}\bar{D}^{*-}$	14669	2	8848
2253	$e^+e^- \to \rho^-\omega D^{*+}D^{*+}D_s^{*-}$	14676	2	8850
2254	$e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	14708	2	8852
2255	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^{*+}K^{*-}D^-D^{*+}\bar{D}^{*0}$	14709	2	8854
2256	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^*D^-D^{*+}$	5200	2	8856
2257	$e^+e^- \to e^+\nu_e\rho^0\bar{K}^0\bar{D}^{*-}J/\psi$	2630	2	8858
2258	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}D_s^{*+}$	14737	2	8860
2259	$e^+e^- \to K^+K^{*-}D^-D^{*+}\bar{D}^0D^{*0}$	14744	2	8862
2260	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^-\bar{D}^{*-}D_s^+$	5208	2	8864
2261	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-D_s^-$	14751	2	8866
2262	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	14755	2	8868
2263	$e^+e^- \to \pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}a_1^+$	2634	2	8870
2264	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^*D^+D^-\bar{D}^{*-}$	14769	2	8872
2265	$e^+e^- \to \pi^+\eta D^+D^-D_s^{*-}$	14780	2	8874
2266	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^0$	2642	2	8876
2267	$e^+e^- \to \rho^-D^+\bar{D}^{*-}D_s^+$	5218	2	8878
2268	$e^+e^- \to \pi^+\rho^-\rho^-D^-D^{*+}D_s^+$	5224	2	8880
2269	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^+D^{*+}\bar{D}^{*0}$	14806	2	8882
2270	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^-D_2^{*+}$	14814	2	8884
2271	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}\bar{D}^{*-}\bar{n}p$	5234	2	8886
2272	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^{*+}\bar{D}^{*-}$	14830	2	8888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2273	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	14854	2	8890
2274	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*+}$	14855	2	8892
2275	$e^+e^- \to \mu^+\nu_\mu D^{*0}p\bar{\Delta}^+D_1^-$	14856	2	8894
2276	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	144	2	8896
2277	$e^+e^- \to \mu^+\nu_\mu K^*D^-D^-D^{*+}$	14891	2	8898
2278	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}J/\psi$	14916	2	8900
2279	$e^+e^- \to \pi^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	14926	2	8902
2280	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+D^+\bar{D}^{*-}D^{*0}$	14943	2	8904
2281	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_{s0}^{*+}$	14950	2	8906
2282	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	14999	2	8908
2283	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\bar{D}^0D^{*0}$	15012	2	8910
2284	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}$	15068	2	8912
2285	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+K^0D^+D^{*+}$	2657	2	8914
2286	$e^+e^- \to \rho^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	490	2	8916
2287	$e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}D_s^-$	15080	2	8918
2288	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^-D^{*+}$	15087	2	8920
2289	$e^+e^- \to e^+\nu_e\pi^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	15101	2	8922
2290	$e^+e^- \to \rho^0\bar{K}^0K^{*+}D^+D^-D_s^-$	15115	2	8924
2291	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}D_s^-$	5256	2	8926
2292	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	15123	2	8928
2293	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^+\bar{D}^{*-}D_s^+$	15124	2	8930
2294	$e^+e^- \to \pi^0\rho^0\pi^-D^+D^{*+}a_1^-$	1469	2	8932
2295	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^-D_s^+$	15138	2	8934
2296	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*0}$	5262	2	8936
2297	$e^+e^- \to \pi^0\pi^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	15166	2	8938
2298	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^+D^{*0}D_s^-$	5265	2	8940
2299	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+\gamma$	15183	2	8942
2300	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	15188	2	8944
2301	$e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}D_s^{*-}$	15200	2	8946
2302	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}$	15204	2	8948
2303	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\bar{K}^0K^+D^-D^{*+}$	15208	2	8950
2304	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^-D^{*+}$	2667	2	8952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2305	$e^+e^- \to K^* D^- D^{*+} \bar{D}^{*-} D_s^+$	15225	2	8954
2306	$e^+e^- \to \tau^- \bar{\nu}_\tau K^* D^{*+} \chi_{c1}$	492	2	8956
2307	$e^+e^- \to e^- \bar{\nu}_e \mu^- \bar{\nu}_\mu D^+ D_2^{*+}$	280	2	8958
2308	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^+ D^{*+}$	5275	2	8960
2309	$e^+e^- \to \tau^- \bar{\nu}_\tau D^- D_2^{*+} D_s^+$	1480	2	8962
2310	$e^+e^- \to e^+ \nu_e \bar{K}^0 D^+ \bar{D}^{*-} D_0^{*-}$	15262	2	8964
2311	$e^+e^- \to \pi^0\pi^+\eta K^- D^+ \bar{D}^{*-} \bar{D}^0$	1488	2	8966
2312	$e^+e^- \to e^- \bar{\nu}_e \rho^0 \pi^+\pi^+\rho^- D^- D^{*+}$	15290	2	8968
2313	$e^+e^- \to e^- \bar{\nu}_e K^- D^{*+} D^{*+} \bar{D}^0$	15293	2	8970
2314	$e^+e^- \to \pi^- K^{*+} D^{*+} J/\psi D_{s1}'^-$	15296	2	8972
2315	$e^+e^- \to e^+ \nu_e \pi^0\pi^0\pi^+\pi^-\pi^- \omega\omega D^{*+} \bar{D}^{*-}$	15300	2	8974
2316	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^- D^{*+} D_s^+$	15306	2	8976
2317	$e^+e^- \to e^+ \nu_e \pi^- \bar{K}^0 K^* D^+ \bar{D}^{*-}$	2685	2	8978
2318	$e^+e^- \to \pi^0\rho^0\pi^+ D^{*+} \bar{D}^{*-} D_s^{*-}$	15322	2	8980
2319	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+\pi^- D^- D_s^+ D_1'^+$	1503	2	8982
2320	$e^+e^- \to \mu^+ \nu_\mu \pi^0\pi^+\pi^-\rho^+ D^- \bar{D}^{*-}$	15342	2	8984
2321	$e^+e^- \to \bar{K}^0 \bar{D}^{*-} D_{s1}'^+ \psi'$	15370	2	8986
2322	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0\pi^+\rho^+\rho^- D^- D^{*+}$	15374	2	8988
2323	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- \eta\omega\omega D^{*+} \bar{D}^{*-}$	15382	2	8990
2324	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- \eta\omega D^+ D^{*+}$	2697	2	8992
2325	$e^+e^- \to e^+ \nu_e D^- \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	15432	2	8994
2326	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^+ D^-$	15449	2	8996
2327	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 D^{*+} \bar{D}^{*-} D_s^{*+}$	852	2	8998
2328	$e^+e^- \to K^* D^{*+} D^{*+} \bar{D}^{*-} a_1^-$	15461	2	9000
2329	$e^+e^- \to e^- \bar{\nu}_e \pi^0\rho^0\pi^+ D^{*+} \bar{D}^{*-}$	15484	2	9002
2330	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*-}$	15491	2	9004
2331	$e^+e^- \to \pi^0\pi^+\eta D^{*+} \bar{D}^{*-} D_s^{*-}$	2709	2	9006
2332	$e^+e^- \to \pi^- \bar{D}^{*-} \bar{n} \Sigma_c^+ a_1^+$	15521	2	9008
2333	$e^+e^- \to \tau^+ \nu_\tau \pi^0\pi^+ \bar{D}^{*-} D^0 D_s^{*-}$	15523	2	9010
2334	$e^+e^- \to \rho^0\rho^+ D^- D_2^{*+} D_s^{*-}$	15530	2	9012
2335	$e^+e^- \to \pi^0 D^+ \bar{D}^{*-} D_s^- a_1^+$	15534	2	9014
2336	$e^+e^- \to e^+ \nu_e \rho^0\rho^- K^0 \bar{K}^0 D^+ \bar{D}^{*-}$	15585	2	9016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2337	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-$	15600	2	9018
2338	$e^+e^- \to \pi^0\rho^0\pi^+\eta K^{*-}D^+D^-\bar{D}^0$	854	2	9020
2339	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-}$	15619	2	9022
2340	$e^+e^- \to \pi^-\eta K^0D^+D^{*+}\bar{D}^{*-}$	15620	2	9024
2341	$e^+e^- \to \rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	5315	2	9026
2342	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}D_1'^-$	15632	2	9028
2343	$e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D^-\bar{D}^{*-}$	15633	2	9030
2344	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\eta D^+D^-$	15636	2	9032
2345	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	15648	2	9034
2346	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^{*+}D^{*+}\bar{D}^{*0}$	15651	2	9036
2347	$e^+e^- \to K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+}$	2712	2	9038
2348	$e^+e^- \to \pi^0\pi^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	15659	2	9040
2349	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{D}^{*0}$	15660	2	9042
2350	$e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}D_{s1}'^-$	15662	2	9044
2351	$e^+e^- \to \rho^+\omega K^+D^-\bar{D}^{*-}D^{*0}$	1546	2	9046
2352	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^{*+}D^{*+}\bar{D}^0$	15677	2	9048
2353	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\bar{n}\Delta^0$	15682	2	9050
2354	$e^+e^- \to \rho^0\pi^+\eta K^{*-}D^-D^{*+}\bar{D}^{*0}$	2724	2	9052
2355	$e^+e^- \to \pi^-D^{*+}D^{*+}a_1^-$	15703	2	9054
2356	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1'^+$	288	2	9056
2357	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\eta D^-D^{*+}$	5333	2	9058
2358	$e^+e^- \to \pi^+\pi^+\rho^-D^+D^-a_1^-$	15775	2	9060
2359	$e^+e^- \to \mu^+\nu_\mu K_S\eta_cD_0^{*-}$	15779	2	9062
2360	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^-D^{*+}\bar{n}p$	15780	2	9064
2361	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+D^-$	148	2	9066
2362	$e^+e^- \to e^+\nu_e\rho^0\pi^-D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	15814	2	9068
2363	$e^+e^- \to \pi^0\pi^-\eta\omega K^*D^+D^-D^{*+}$	15846	2	9070
2364	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^0$	15847	2	9072
2365	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	15857	2	9074
2366	$e^+e^- \to e^+\nu_e\bar{K}^*D^-D^-D^{*+}$	15863	2	9076
2367	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^{*+}\bar{D}^0D^{*0}$	5357	2	9078
2368	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^{*0}D_s^{*+}$	15885	2	9080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2369	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-}$	15900	2	9082
2370	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	15910	2	9084
2371	$e^+e^- \to e^+\nu_e\pi^- D^+\bar{D}^{*-}$	15917	2	9086
2372	$e^+e^- \to \pi^+\rho^-\eta\omega D^+\bar{D}^{*-}$	2732	2	9088
2373	$e^+e^- \to e^+\nu_e D^- D^{*+}\Delta^0\bar{\Delta}^+$	15925	2	9090
2374	$e^+e^- \to D^{*+}D_2^{*-}D_s^+D_{s1}'^-$	15931	2	9092
2375	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\bar{D}^{*-}D_0^{*+}$	15933	2	9094
2376	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^- D^- D^{*+}$	15959	2	9096
2377	$e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^* D^- D^- D^{*0}$	15962	2	9098
2378	$e^+e^- \to e^-\bar{\nu}_e K^- D^{*+}p\bar{\Xi}_c'^0$	15967	2	9100
2379	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^- D_1'^-$	15970	2	9102
2380	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*-}$	15972	2	9104
2381	$e^+e^- \to e^+\nu_e\pi^0 D^+ D^- D_s^{*-}$	15980	2	9106
2382	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-\eta\omega D^{*+}D^{*+}$	16007	2	9108
2383	$e^+e^- \to \pi^0\pi^0\rho^0 K^+ D^+ D^- D^0 D_s^{*-}$	16022	2	9110
2384	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- K^{*+}D^{*+}J/\psi$	5363	2	9112
2385	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^- D^+ D^-$	16059	2	9114
2386	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^- D^+ D^-$	16076	2	9116
2387	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^- D^{*+}D_s^+$	16085	2	9118
2388	$e^+e^- \to K^*\bar{K}^* D^+ D^+ D^-\bar{D}^{*-}$	16090	2	9120
2389	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+}\bar{D}^{*-}D_s^+$	16093	2	9122
2390	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*0}$	16096	2	9124
2391	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^- D^{*+}\bar{D}^0$	16116	2	9126
2392	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	16136	2	9128
2393	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^- D^{*+}$	5369	2	9130
2394	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- K^* D^{*+}J/\psi$	16168	2	9132
2395	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-}$	16172	2	9134
2396	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^+ D^{*+}\bar{D}^0$	2740	2	9136
2397	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	16198	2	9138
2398	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\eta D^+ D^-$	16202	2	9140
2399	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- K^0 K^+ K^- D^+ D_s^{*-}$	16218	2	9142
2400	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}$	5379	2	9144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2401	$e^+e^- \to \pi^- K^+ K^- D^+ D^- D_s^+$	16224	2	9146
2402	$e^+e^- \to \mu^+ \nu_\mu \pi^- D^- \bar{D}^0 D_s^{*+}$	16226	2	9148
2403	$e^+e^- \to \rho^- \omega K^+ D^+ \bar{D}^{*-} D^{*0}$	16230	2	9150
2404	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \pi^0 \pi^- D^+ D^-$	16231	2	9152
2405	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \rho^0 \rho^+ D^{*+} \bar{D}^{*-}$	16249	2	9154
2406	$e^+e^- \to \pi^0 \pi^+ \pi^- \omega K^0 K^- D^- D^{*+} D_s^{*+}$	16253	2	9156
2407	$e^+e^- \to \bar{K}^* D^{*+} \bar{D}^{*-} D_2^{*-} D_s^{*+}$	16268	2	9158
2408	$e^+e^- \to \rho^0 \pi^+ \pi^- \omega D^+ D^-$	16278	2	9160
2409	$e^+e^- \to \pi^+ \pi^+ \pi^- K^- D^+ D^- \bar{D}^{*0}$	1553	2	9162
2410	$e^+e^- \to e^- \bar{\nu}_e \eta K^0 D^+ D^- D^{*+}$	16291	2	9164
2411	$e^+e^- \to \pi^+ K^0 D^0 D_s^{*-} J/\psi$	16338	2	9166
2412	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \pi^- D^- D^{*+} D_s^{*+}$	16346	2	9168
2413	$e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \pi^- K^0 D^{*+} D^{*0} \bar{D}^{*0}$	2754	2	9170
2414	$e^+e^- \to e^- \bar{\nu}_e D^- D_2^{*+} D_s^{*+}$	5423	2	9172
2415	$e^+e^- \to D^+ D^{*0} D_s^{*-} n \bar{\Delta}^0$	16375	2	9174
2416	$e^+e^- \to \pi^+ \eta \bar{D}^{*-} D_s^- D_1'^+$	5429	2	9176
2417	$e^+e^- \to \pi^+ \rho^- \rho^- D^- D^{*+} a_1^+$	16406	2	9178
2418	$e^+e^- \to \mu^+ \nu_\mu \pi^+ D^0 D_s^- D_0^{*-}$	2759	2	9180
2419	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \rho^+ \rho^- \omega \bar{D}^{*-} D^{*0}$	5438	2	9182
2420	$e^+e^- \to e^+ \nu_e \pi^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ D^{*+} \bar{D}^{*-}$	16440	2	9184
2421	$e^+e^- \to \mu^- \bar{\nu}_\mu K^* D^{*+} \bar{D}^{*-} D_1^+$	16443	2	9186
2422	$e^+e^- \to \pi^+ K^* D^{*+} \bar{D}^{*-} D^0 D_s^{*-}$	16481	2	9188
2423	$e^+e^- \to \rho^+ \eta D^- D^{*+} a_1^-$	295	2	9190
2424	$e^+e^- \to \pi^+ D^- D^{*+} a_1^-$	5450	2	9192
2425	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \rho^+ \omega D^+ \bar{D}^{*-}$	5455	2	9194
2426	$e^+e^- \to e^+ \nu_e \pi^+ \pi^- D^+ D_s^- D_0^{*-}$	16524	2	9196
2427	$e^+e^- \to \pi^0 \pi^0 \pi^- \rho^+ \omega \omega D^+ \bar{D}^{*-}$	16525	2	9198
2428	$e^+e^- \to \pi^0 \pi^+ \omega K^- D^+ \bar{D}^{*-} \bar{D}^{*0}$	16551	2	9200
2429	$e^+e^- \to \pi^+ D^{*+} D_s^{*-} \Delta^+ \bar{\Sigma}_c^{*--}$	16563	2	9202
2430	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \rho^0 \pi^+ \eta D^+ D^-$	16566	2	9204
2431	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \omega \bar{K}^0 D^- D^{*+} \bar{D}^{*-}$	16567	2	9206
2432	$e^+e^- \to \mu^+ \nu_\mu \rho^+ K^- \bar{D}^{*-} J/\psi$	16581	2	9208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2433	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_1^+$	1557	2	9210
2434	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-D^+D^-$	16610	2	9212
2435	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	16619	2	9214
2436	$e^+e^- \to \pi^+\pi^-K^*D^{*+}D_s^{*-}J/\psi$	2783	2	9216
2437	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_1^+D_1'^-$	16659	2	9218
2438	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}$	16661	2	9220
2439	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	16691	2	9222
2440	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-$	16706	2	9224
2441	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}D_{s1}'^-$	16714	2	9226
2442	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}$	16720	2	9228
2443	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	16736	2	9230
2444	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}D_s^+$	16738	2	9232
2445	$e^+e^- \to e^+\nu_eX_u^-K^0D^{*+}\bar{D}^{*-}$	16744	2	9234
2446	$e^+e^- \to D^+\bar{D}^{*-}a_1^+D_{s1}'^-$	16746	2	9236
2447	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^0\bar{D}^{*0}$	16759	2	9238
2448	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1^+$	2785	2	9240
2449	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^{*+}$	16787	2	9242
2450	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-\omega D^+D^{*+}$	16796	2	9244
2451	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-}D^{*0}D_0^{*+}$	2786	2	9246
2452	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\eta\omega D^+D^{*+}$	16809	2	9248
2453	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}D_s^+$	16825	2	9250
2454	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*K^{*+}D^-D^{*+}$	16884	2	9252
2455	$e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	2787	2	9254
2456	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D^+$	2794	2	9256
2457	$e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}D^0$	2800	2	9258
2458	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}a_1^+D_1'^+$	16906	2	9260
2459	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	16959	2	9262
2460	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\omega D^-D^{*+}$	16981	2	9264
2461	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}D_s^+D_s^-$	16989	2	9266
2462	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-}$	17006	2	9268
2463	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+K^-D^{*+}\bar{D}^{*-}$	17007	2	9270
2464	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^+$	2807	2	9272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2465	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	17023	2	9274
2466	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^{*+}\bar{D}^{*-}$	17029	2	9276
2467	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta D^-D^{*+}$	17039	2	9278
2468	$e^+e^- \to D^+D^-D_s^-a_1^+$	17051	2	9280
2469	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega D^{*+}D^{*+}$	17073	2	9282
2470	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}D^0$	17077	2	9284
2471	$e^+e^- \to \tau^+\nu_\tau K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	5514	2	9286
2472	$e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^-D_s^{*+}$	17087	2	9288
2473	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}D_s^+D_s^-$	17092	2	9290
2474	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	17097	2	9292
2475	$e^+e^- \to \rho^0\pi^+\omega D^{*+}\bar{D}^{*-}D_s^-$	17115	2	9294
2476	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}a_1^+$	3	2	9296
2477	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	17129	2	9298
2478	$e^+e^- \to K^0D^{*+}D_s^{*-}J/\psi$	17134	2	9300
2479	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-K^{*+}D^{*+}D^0\bar{D}^0$	5527	2	9302
2480	$e^+e^- \to \rho^0\pi^-\rho^-K^+D^{*+}D^0\bar{D}^0$	17173	2	9304
2481	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^{*+}\bar{D}^{*-}$	17180	2	9306
2482	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-$	17189	2	9308
2483	$e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^-a_1^+$	17202	2	9310
2484	$e^+e^- \to \bar{D}^{*-}D_s^{*+}J/\psi\bar{K}_1^0$	5530	2	9312
2485	$e^+e^- \to \rho^0\pi^+\eta K^0K^-D^+D^-$	17208	2	9314
2486	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^+D^+\bar{D}^{*0}$	158	2	9316
2487	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}J/\psi\bar{K}_1^0$	17240	2	9318
2488	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}$	17255	2	9320
2489	$e^+e^- \to e^+\nu_eD^+D^-D_s^-$	17256	2	9322
2490	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	17267	2	9324
2491	$e^+e^- \to \pi^-\omega K^0D^+D^{*+}\bar{D}^{*-}$	17268	2	9326
2492	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^{*+}D_1'^+$	17274	2	9328
2493	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	17291	2	9330
2494	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^-D^{*+}$	2821	2	9332
2495	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}$	5542	2	9334
2496	$e^+e^- \to \rho^0\pi^+\pi^-D^+\bar{D}^{*-}$	2824	2	9336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2497	$e^+e^- \to \rho^0\rho^- D^+ \bar{D}^{*-} D_s^{*+}$	17314	2	9338
2498	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+ D^+ \bar{D}^{*-}$	5552	2	9340
2499	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^+ D^{*+} \bar{D}^{*-}$	5553	2	9342
2500	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^- D^{*+}$	313	2	9344
2501	$e^+e^- \to \pi^0\pi^-\omega D^+ D_2^{*-} D_s^+$	17346	2	9346
2502	$e^+e^- \to \pi^+\pi^+\pi^- K^0 D^+ \bar{D}^{*-} D^{*0} D_s^{*-}$	17352	2	9348
2503	$e^+e^- \to \pi^0\pi^-\omega D^+ D^- D_{s1}'^+$	17356	2	9350
2504	$e^+e^- \to \pi^0\pi^-\omega D^{*+} D_2^{*-} D_s^{*+}$	17359	2	9352
2505	$e^+e^- \to \pi^- K^{*+} K^{*-} D^+ \bar{D}^{*0}\eta_c$	17380	2	9354
2506	$e^+e^- \to \tau^+\nu_\tau\rho^-\omega D^+ D^-$	17392	2	9356
2507	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^+ D^-$	17395	2	9358
2508	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+ D^- \bar{D}^{*-}$	17399	2	9360
2509	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+ \bar{D}^{*-} D_0^{*+}$	17403	2	9362
2510	$e^+e^- \to K^0 D^- D^{*+} D_2^{*+} D_s^{*-}$	5566	2	9364
2511	$e^+e^- \to \pi^+\pi^-\rho^+ K^- D^- D^{*+} \bar{D}^{*0}$	17421	2	9366
2512	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^* D^- D^- D^{*+}$	2826	2	9368
2513	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+ D_2^{*-}$	2839	2	9370
2514	$e^+e^- \to \tau^+\nu_\tau\pi^0 D^+ \bar{D}^{*-} D_s^{*-}$	17439	2	9372
2515	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*0}$	17450	2	9374
2516	$e^+e^- \to \mu^+\nu_\mu K^+ \bar{D}^{*-} \bar{D}^{*-} D^0$	17452	2	9376
2517	$e^+e^- \to \pi^+\pi^-\bar{K}^* D^- D_s^+ J/\psi$	17465	2	9378
2518	$e^+e^- \to \mu^+\nu_\mu\pi^- K^+ K^{*-} D^+ \bar{D}^{*-}$	17468	2	9380
2519	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} \bar{D}^{*-} a_1^+$	17485	2	9382
2520	$e^+e^- \to \pi^+\pi^-\rho^+ D^- \bar{D}^{*-} a_1^+$	17504	2	9384
2521	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 K^0 K^- D^{*+} \bar{D}^{*-}$	17509	2	9386
2522	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 K^+ D^+ D^-$	2851	2	9388
2523	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^+ \bar{D}^{*-}$	17533	2	9390
2524	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+ \bar{D}^{*-}$	17540	2	9392
2525	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^- D^{*+} D_s^-$	17543	2	9394
2526	$e^+e^- \to e^-\bar{\nu}_e D^+ \bar{D}^{*-} \bar{\Delta}^0 \Delta^+$	17579	2	9396
2527	$e^+e^- \to \pi^+\pi^-\pi^- D^+ D_2^{*-} D_s^{*+}$	17585	2	9398
2528	$e^+e^- \to e^+\nu_e D^+ \bar{D}^{*-} D_{s1}^-$	17597	2	9400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2529	$e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}a_1^+$	17603	2	9402
2530	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^-D^{*+}$	17634	2	9404
2531	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+\bar{D}^0$	17666	2	9406
2532	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	17689	2	9408
2533	$e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^-\bar{\Delta}^-\Delta^0$	17692	2	9410
2534	$e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*-}a_1^+$	867	2	9412
2535	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^-D^{*+}$	17701	2	9414
2536	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^{*+}$	17738	2	9416
2537	$e^+e^- \to \pi^0\pi^-K^-D^{*+}\bar{D}^0\bar{D}^{*0}D_s^{*+}$	2855	2	9418
2538	$e^+e^- \to e^+\nu_eK^-D^-D^{*+}\bar{D}^0$	17783	2	9420
2539	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0$	5617	2	9422
2540	$e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}D_{s1}'^+$	17804	2	9424
2541	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	17835	2	9426
2542	$e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}a_1^-$	17876	2	9428
2543	$e^+e^- \to \rho^+D^{*+}D_2^{*-}D_s^{*-}$	17891	2	9430
2544	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	17893	2	9432
2545	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*+}$	5620	2	9434
2546	$e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	17909	2	9436
2547	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Lambda_c^+$	17937	2	9438
2548	$e^+e^- \to e^-\bar{\nu}_eD^+D^-D_{s1}^+$	17965	2	9440
2549	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_1'^+D_{s1}'^+$	17972	2	9442
2550	$e^+e^- \to \pi^-K^0D^+D_2^{*+}\bar{D}^0D_s^{*-}$	316	2	9444
2551	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_1^-D_1'^+$	2863	2	9446
2552	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D_1'^-$	18001	2	9448
2553	$e^+e^- \to \bar{D}^{*-}D_s^{*-}a_1^+D_1'^+$	18016	2	9450
2554	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	18027	2	9452
2555	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}$	18031	2	9454
2556	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}n\bar{p}$	18038	2	9456
2557	$e^+e^- \to e^-\bar{\nu}_eK_LD^+J/\psi$	18059	2	9458
2558	$e^+e^- \to \pi^+\pi^-D^+D_2^{*-}D_s^{*+}D_s^{*-}$	18065	2	9460
2559	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^{*+}D_2^{*-}$	18069	2	9462
2560	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}D_0^{*-}$	18091	2	9464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2561	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+}$	5638	2	9466
2562	$e^+e^- \to K^0D^+D^-D^{*+}D_{s1}'^-$	18096	2	9468
2563	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+D^-\bar{\Delta}^-\Delta^-$	18101	2	9470
2564	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^-$	2864	2	9472
2565	$e^+e^- \to e^+\nu_e\bar{K}^*K^-D^+D^-$	5663	2	9474
2566	$e^+e^- \to \pi^-\bar{D}^0D^{*0}D_s^+n\bar{\Delta}^0$	18113	2	9476
2567	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^+D_1^-$	5668	2	9478
2568	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	18150	2	9480
2569	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}a_1^-\gamma$	18157	2	9482
2570	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*-}D_s^{*+}$	2866	2	9484
2571	$e^+e^- \to e^+\nu_eX_u^-\pi^+D^0D_s^-$	5681	2	9486
2572	$e^+e^- \to \pi^-D^-D^{*+}D_{s1}'^+$	18247	2	9488
2573	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\eta D^+D^{*+}$	18268	2	9490
2574	$e^+e^- \to \pi^0\pi^0\rho^-K^0D^+\chi_{c1}$	5686	2	9492
2575	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	18280	2	9494
2576	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	18293	2	9496
2577	$e^+e^- \to e^+\nu_eK^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	18310	2	9498
2578	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^+\bar{D}^{*-}$	2869	2	9500
2579	$e^+e^- \to e^-\bar{\nu}_e\rho^+\omega D^-D^{*+}$	18341	2	9502
2580	$e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^+D^-$	18430	2	9504
2581	$e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^0K^+D^-$	18441	2	9506
2582	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-K^+K^-D^{*+}$	18457	2	9508
2583	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}$	18479	2	9510
2584	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^-D^{*+}$	18509	2	9512
2585	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}D^0D_s^{*-}$	18517	2	9514
2586	$e^+e^- \to \rho^0\pi^+\pi^-D^-D^{*+}$	5695	2	9516
2587	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	18526	2	9518
2588	$e^+e^- \to e^+\nu_e\pi^-K^+K^{*-}D^{*+}\bar{D}^{*-}$	18538	2	9520
2589	$e^+e^- \to \pi^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	18547	2	9522
2590	$e^+e^- \to \rho^+K^0\bar{D}^{*-}D_s^+D_s^-$	18614	2	9524
2591	$e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}D_{s0}^{*-}$	18636	2	9526
2592	$e^+e^- \to \rho^0\pi^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	18665	2	9528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2593	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^-D^{*+}$	2873	2	9530
2594	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	18671	2	9532
2595	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+D_s^{*-}$	18681	2	9534
2596	$e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^+$	18682	2	9536
2597	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-D^+\bar{D}^{*-}$	18683	2	9538
2598	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}a_1^-$	5710	2	9540
2599	$e^+e^- \to \tau^+\nu_\tau D_2^{*+}D_s^-D_1'^-$	18706	2	9542
2600	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	18709	2	9544
2601	$e^+e^- \to e^+\nu_eK^{*-}D^+\bar{D}^{*-}$	2878	2	9546
2602	$e^+e^- \to D^-D^{*+}a_1^+a_1^-$	18718	2	9548
2603	$e^+e^- \to \pi^0\rho^+\rho^-\eta D^+D^-$	18725	2	9550
2604	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	18748	2	9552
2605	$e^+e^- \to \rho^0\rho^-\eta D^{*+}D_2^{*-}D_s^+$	18769	2	9554
2606	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^+D^-$	18771	2	9556
2607	$e^+e^- \to e^+\nu_eD^+n\bar{p}D_1^-$	18777	2	9558
2608	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}n\bar{\Omega}_c^0$	2881	2	9560
2609	$e^+e^- \to \mu^+\nu_\mu\pi^-K^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	18838	2	9562
2610	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^-D^{*+}$	2883	2	9564
2611	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\omega D^+D^-D_s^-$	5730	2	9566
2612	$e^+e^- \to \rho^+D^+\bar{D}^{*-}D_s^{*-}$	18870	2	9568
2613	$e^+e^- \to \pi^+\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	5733	2	9570
2614	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^0$	5737	2	9572
2615	$e^+e^- \to \tau^+\nu_\tau D^-D^-D_s^+$	1576	2	9574
2616	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-D^-D^{*+}$	5747	2	9576
2617	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}a_1^+\gamma$	18949	2	9578
2618	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}p\bar{\Lambda}_c^-$	18976	2	9580
2619	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0$	527	2	9582
2620	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	5766	2	9584
2621	$e^+e^- \to \pi^0\rho^0\omega D^{*+}\bar{D}^{*0}D_s^-$	5773	2	9586
2622	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^+D^-$	19055	2	9588
2623	$e^+e^- \to \mu^+\nu_\mu K^*D^+D^-D^-$	19074	2	9590
2624	$e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	19085	2	9592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2625	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^-D^{*+}$	19106	2	9594
2626	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}$	19140	2	9596
2627	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}\bar{n}p$	19145	2	9598
2628	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+D^-D^{*+}n\bar{p}$	1578	2	9600
2629	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	19166	2	9602
2630	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	19173	2	9604
2631	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{K}_1^0\psi'$	19182	2	9606
2632	$e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+D^-D^{*0}$	19234	2	9608
2633	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+$	19237	2	9610
2634	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	19242	2	9612
2635	$e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D_{s1}^-$	19247	2	9614
2636	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^-D^{*+}$	90	2	9616
2637	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	19276	2	9618
2638	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-}$	19293	2	9620
2639	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^+D^-$	19296	2	9622
2640	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^+D_s^{*-}D_0^{*-}$	19298	2	9624
2641	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	19310	2	9626
2642	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}$	19315	2	9628
2643	$e^+e^- \to K^*\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	5781	2	9630
2644	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^-\omega D^+D^+$	19366	2	9632
2645	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^+D_1'^-$	19392	2	9634
2646	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}D^0D_s^-$	19423	2	9636
2647	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}$	19529	2	9638
2648	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^{*-}D_1'^+$	5786	2	9640
2649	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}D^0$	19565	2	9642
2650	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_2^{*+}D_s^-$	1594	2	9644
2651	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	19582	2	9646
2652	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-D^+\bar{D}^{*-}$	19607	2	9648
2653	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}$	19631	2	9650
2654	$e^+e^- \to \pi^+D^-D^{*+}D_s^-$	19633	2	9652
2655	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta D^{*+}D_1'^-$	19642	2	9654
2656	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0D^{*+}\bar{D}^0D^{*0}$	19654	2	9656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2657	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-\eta D^+D^{*+}$	19694	2	9658
2658	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^-$	19706	2	9660
2659	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}$	19714	2	9662
2660	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}D_s^{*+}$	5789	2	9664
2661	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+D^-D^{*+}$	5791	2	9666
2662	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	19776	2	9668
2663	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	5793	2	9670
2664	$e^+e^- \to \pi^0\rho^-D^+D^-D_s^{*+}$	19814	2	9672
2665	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D_2^{*+}D_s^{*-}$	19879	2	9674
2666	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	19883	2	9676
2667	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^+D^-$	19888	2	9678
2668	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^-D^{*+}$	19908	2	9680
2669	$e^+e^- \to \rho^0K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	19928	2	9682
2670	$e^+e^- \to e^-\bar{\nu}_eK_SD_1^+\psi'$	19963	2	9684
2671	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}$	19976	2	9686
2672	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^{*+}D_1'^-$	19998	2	9688
2673	$e^+e^- \to \pi^+\omega D^-D^{*+}D_s^-$	20013	2	9690
2674	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0D_s^{*-}$	20019	2	9692
2675	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+D^{*+}$	20024	2	9694
2676	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^{*+}\bar{\Lambda}\Sigma_c^0$	894	2	9696
2677	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_s^{*+}D_0^{*+}$	20056	2	9698
2678	$e^+e^- \to e^-\bar{\nu}_eD^-D_s^+D_1^+$	20096	2	9700
2679	$e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}a_1^-$	20104	2	9702
2680	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\omega D^-D^{*+}$	5801	2	9704
2681	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\Delta^+\bar{\Lambda}_c^-$	20121	2	9706
2682	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	20135	2	9708
2683	$e^+e^- \to \pi^+\omega K^-D^-D^{*+}\bar{D}^{*0}$	20144	2	9710
2684	$e^+e^- \to \bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	20149	2	9712
2685	$e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}n\bar{p}$	20173	2	9714
2686	$e^+e^- \to \tau^+\nu_\tau\rho^-D^-D^{*+}$	2910	2	9716
2687	$e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}a_1^+$	20189	2	9718
2688	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D^{*0}$	20244	2	9720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2689	$e^+e^- \to e^+\nu_e\rho^0\rho^-\eta D^-D^{*+}$	20246	2	9722
2690	$e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}D'^-_{s1}$	20255	2	9724
2691	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\omega D^{*+}\bar{D}^{*-}$	5805	2	9726
2692	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\bar{D}^0$	20298	2	9728
2693	$e^+e^- \to e^-\bar{\nu}_eK^{*+}\bar{D}^{*-}D^{*0}D_1^+$	20310	2	9730
2694	$e^+e^- \to \pi^-\eta K^0D^{*+}D^0\bar{D}^{*0}$	20328	2	9732
2695	$e^+e^- \to K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	5810	2	9734
2696	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^+K^-D^{*+}\bar{D}^{*-}$	20347	2	9736
2697	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^+D^-$	20350	2	9738
2698	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\Delta^0\bar{\Sigma}_c^-$	5815	2	9740
2699	$e^+e^- \to \rho^+\eta D^{*+}\bar{D}^{*-}D_s^-$	20376	2	9742
2700	$e^+e^- \to \rho^-D^+D^-D_s^{*+}$	20410	2	9744
2701	$e^+e^- \to e^-\bar{\nu}_eD^-D_s^+D_1'^+$	20415	2	9746
2702	$e^+e^- \to \pi^+\omega\omega D^-D^{*+}D'^-_{s1}$	20422	2	9748
2703	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-K^0D^{*+}D^0\bar{D}^0$	20432	2	9750
2704	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^{*+}D^{*0}a_1^-$	20437	2	9752
2705	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\eta D^-D^{*+}$	20466	2	9754
2706	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	20490	2	9756
2707	$e^+e^- \to \pi^0\pi^+\omega K^-D^-D^{*+}\bar{D}^0$	20493	2	9758
2708	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\omega D^+\bar{D}^{*-}$	20505	2	9760
2709	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+D^-D_s^{*+}$	20521	2	9762
2710	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\omega D^-D^{*+}$	20528	2	9764
2711	$e^+e^- \to e^+\nu_eK^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	20540	2	9766
2712	$e^+e^- \to \mu^+\nu_\mu X_u^-\bar{D}^{*-}a_1^+$	20541	2	9768
2713	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+}$	895	2	9770
2714	$e^+e^- \to \pi^+\rho^-D^+\Delta^+\bar{\Sigma}_c^{*--}$	5819	2	9772
2715	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}D^-D^{*+}$	20602	2	9774
2716	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}D_s^-$	20607	2	9776
2717	$e^+e^- \to \mu^+\nu_\mu D^+D^-n\bar{p}$	20615	2	9778
2718	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}$	20651	2	9780
2719	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^+D^-$	20669	2	9782
2720	$e^+e^- \to e^-\bar{\nu}_eK^-D^{*+}D^{*+}\bar{D}^{*0}$	20672	2	9784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2721	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}D_s^{*+}$	20677	2	9786
2722	$e^+e^- \to \mu^+\nu_\mu K^0 K^{*-} D^+ D^-$	20704	2	9788
2723	$e^+e^- \to \pi^+ K^{*-}\bar{D}^{*-}D_s^{*+} J/\psi$	20705	2	9790
2724	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^0\bar{K}^0 D^+ D^-$	5820	2	9792
2725	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	20740	2	9794
2726	$e^+e^- \to \mu^+\nu_\mu K^- D^{*+}\bar{D}^{*0}D_1^-$	20778	2	9796
2727	$e^+e^- \to \pi^0\bar{K}^* D^0\bar{D}^0\Delta^+\bar{\Sigma}_c^{*-}$	20782	2	9798
2728	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+ D^{*+}\bar{D}^{*-}$	20793	2	9800
2729	$e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}n\bar{\Sigma}_c^0$	20798	2	9802
2730	$e^+e^- \to \pi^+\eta D^- D^{*+} D_{s1}'^-$	20853	2	9804
2731	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}D_s^-$	20877	2	9806
2732	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^- D^- D^{*+}$	20880	2	9808
2733	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^- D^+\bar{D}^{*-}$	20894	2	9810
2734	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^- D^{*+}$	20911	2	9812
2735	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^{*+} D^{*+}$	20949	2	9814
2736	$e^+e^- \to \rho^0\pi^+\omega\bar{K}^0 D^- D^{*+}\bar{D}^{*-}$	20985	2	9816
2737	$e^+e^- \to K^* D^{*+} D_s^-\chi_{c0}$	21064	2	9818
2738	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-}D_{s1}'^+$	21072	2	9820
2739	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	2915	2	9822
2740	$e^+e^- \to \bar{K}^* D^+ D^-\bar{D}^{*-}D_s^{*+}$	21116	2	9824
2741	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+ D^-$	21173	2	9826
2742	$e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}D_s^{*-}$	21181	2	9828
2743	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D^{*+} D_1^-$	21201	2	9830
2744	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^{*+}\eta_c(2S)$	21214	2	9832
2745	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^{*+}\bar{n}\Sigma_c^+$	21284	2	9834
2746	$e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^- D^{*+}\bar{D}^{*-}$	21302	2	9836
2747	$e^+e^- \to \pi^+\pi^+\pi^- D^- D^0 D_s^+ D_s^{*-}$	21313	2	9838
2748	$e^+e^- \to K^- D^- D^{*+}\bar{D}^{*0}\bar{\Delta}^- n$	321	2	9840
2749	$e^+e^- \to K^* D^{*+} D_s^{*-} J/\psi$	1638	2	9842
2750	$e^+e^- \to \pi^+\pi^-\rho^- K^+ D^{*+}\bar{D}^{*-}D^0$	21342	2	9844
2751	$e^+e^- \to e^-\bar{\nu}_e X_u^+ D_2^{*-} D_s^{*+}$	5849	2	9846
2752	$e^+e^- \to \mu^+\nu_\mu K^0 K^{*-} D^{*+}\bar{D}^{*-}$	21379	2	9848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2753	$e^+e^- \to \pi^0\rho^0\rho^-\eta K^* D^+ D^+ \bar{D}^{*-}$	21388	2	9850
2754	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+ D^{*+}\bar{D}^{*-} D^0$	21404	2	9852
2755	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+ D^+ D^-$	21432	2	9854
2756	$e^+e^- \to \pi^0\rho^0\pi^+ D^- D_2^{*+} D_s^-$	21433	2	9856
2757	$e^+e^- \to \pi^+ K^+ D^- D^0 D^{*0} D_s^{*-}$	21516	2	9858
2758	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+ D^- D^{*+}$	5855	2	9860
2759	$e^+e^- \to \rho^0\pi^+\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	21549	2	9862
2760	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	21553	2	9864
2761	$e^+e^- \to e^+\nu_e X_u^-\pi^+\bar{\Delta}^+\Sigma_c^{*0}$	21610	2	9866
2762	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\omega\omega D^- D^{*+}$	21613	2	9868
2763	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- K^0 D^{*+} J/\psi$	21668	2	9870
2764	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+}$	21672	2	9872
2765	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^- D^{*+}$	21729	2	9874
2766	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	21742	2	9876
2767	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- D^0\bar{D}^0 D_s^{*+}$	21755	2	9878
2768	$e^+e^- \to \mu^+\nu_\mu\rho^- D^{*+} D_0^{*-}$	21756	2	9880
2769	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D^+ D^-$	2939	2	9882
2770	$e^+e^- \to \tau^+\nu_\tau\rho^- D^- D_2^{*+}$	21800	2	9884
2771	$e^+e^- \to \rho^0\rho^- K^* D^+ D^+\bar{D}^{*-}$	21806	2	9886
2772	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\bar{D}^{*-} D^0$	5861	2	9888
2773	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^- D^- D^{*+}$	21843	2	9890
2774	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-}$	21863	2	9892
2775	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^{*+} D^{*+}\bar{D}^{*-} D^0$	910	2	9894
2776	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D^+\bar{D}^{*-}\bar{n}p$	21911	2	9896
2777	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+ D^- D^{*+}$	21971	2	9898
2778	$e^+e^- \to \pi^0\pi^0\rho^-\eta\bar{K}^0 K^{*+} D^+\bar{D}^{*-}$	22017	2	9900
2779	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^- D^{*+}$	5873	2	9902
2780	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+ D^- D^{*+}$	22060	2	9904
2781	$e^+e^- \to \pi^-\eta K^* D^{*+} D^{*+}\bar{D}^{*-}$	22073	2	9906
2782	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} J/\psi K_1^0$	22190	2	9908
2783	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-} D_0^{*+} a_1^+$	22201	2	9910
2784	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^- D^- D_1^+$	22237	2	9912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2785	$e^+e^- \to e^-\bar{\nu}_e\pi^- K^{*+} D^{*+} \bar{D}^0 D^{*0}$	5878	2	9914
2786	$e^+e^- \to \tau^+\nu_\tau\rho^- D_2^{*+} D_0^{*-}$	22338	2	9916
2787	$e^+e^- \to \pi^+\omega D^{*+} \bar{D}^{*-} D_s^-$	162	2	9918
2788	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+\rho^- D^{*+} \bar{D}^{*-}$	22384	2	9920
2789	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^+ D^-$	5884	2	9922
2790	$e^+e^- \to \pi^0\pi^0\pi^+ D^- D^{*+} D_s^{*-}$	22425	2	9924
2791	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D^{*+} \bar{D}^{*0}$	22451	2	9926
2792	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\eta D^{*+} \bar{D}^{*-}$	22463	2	9928
2793	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-\omega D^{*+} \bar{D}^{*-}$	171	2	9930
2794	$e^+e^- \to \mu^+\nu_\mu\rho^0 K^0 K^- D^- D^{*+}$	2970	2	9932
2795	$e^+e^- \to \pi^+ K^{*-} D^{*+} \bar{D}^{*0} n\bar{\Lambda}_c^-$	5904	2	9934
2796	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+ K^+ K^- D^- D^{*+}$	22645	2	9936
2797	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-} \bar{D}^{*-}$	2973	2	9938
2798	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^{*+} \bar{D}^{*-}$	22660	2	9940
2799	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^- D^{*+} D_s^{*+}$	5919	2	9942
2800	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\omega D^+ \bar{D}^{*-}$	22704	2	9944
2801	$e^+e^- \to \pi^+\pi^- K^0 D^+ D^- \eta_c$	22705	2	9946
2802	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta D^+ D^-$	22767	2	9948
2803	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} \bar{D}^{*-}$	22784	2	9950
2804	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+ \bar{D}^{*-}$	22787	2	9952
2805	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^{*+} \bar{D}^0$	22791	2	9954
2806	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+}$	22817	2	9956
2807	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* D^{*+} D^0 \bar{D}^{*0}$	22869	2	9958
2808	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^+ D^- D^{*+} D^{*0}$	22878	2	9960
2809	$e^+e^- \to e^-\bar{\nu}_e\rho^- K^+ D^{*+} \eta_c$	22885	2	9962
2810	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^0 \bar{K}^* D^+ D^{*+}$	22902	2	9964
2811	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^- D_0^{*+}$	22967	2	9966
2812	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega\omega D^- D^{*+}$	1646	2	9968
2813	$e^+e^- \to \pi^0\rho^-\eta D^{*+} \bar{D}^{*-} D_s^{*+}$	23032	2	9970
2814	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+ K^0 \bar{K}^0 D^+ D^-$	23068	2	9972
2815	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^- D^{*0}$	23079	2	9974
2816	$e^+e^- \to e^+\nu_e D^{*+} D_s^{*-} D_1'^-$	23114	2	9976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2817	$e^+e^- \to \pi^-\rho^+\eta D^+\bar{D}^{*-}$	23133	2	9978
2818	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	23185	2	9980
2819	$e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}D_s^{*+}$	23209	2	9982
2820	$e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	23220	2	9984
2821	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	5928	2	9986
2822	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^+D_2^{*-}$	23240	2	9988
2823	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	23241	2	9990
2824	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	23249	2	9992
2825	$e^+e^- \to \bar{K}^0K^{*+}D^-D^{*+}a_1^-$	23263	2	9994
2826	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}$	23266	2	9996
2827	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^{*+}D_1'^-$	23269	2	9998
2828	$e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_s^+$	23312	2	10000
2829	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^{*-}D^{*+}D_2^{*-}$	23315	2	10002
2830	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\bar{K}^0K^*K^{*+}D^{*+}$	23318	2	10004
2831	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^{*0}D_1'^+$	1659	2	10006
2832	$e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}D_s^+$	23359	2	10008
2833	$e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	23384	2	10010
2834	$e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^+D^+$	23388	2	10012
2835	$e^+e^- \to \pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^{*+}$	23419	2	10014
2836	$e^+e^- \to e^+\nu_e\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	23427	2	10016
2837	$e^+e^- \to e^+\nu_e\pi^-\eta\eta D^+\bar{D}^{*-}$	23459	2	10018
2838	$e^+e^- \to \pi^+\pi^-\eta K^+K^{*-}D^-D^{*+}$	23465	2	10020
2839	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}\bar{p}\Sigma_c^0$	23466	2	10022
2840	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^-n\bar{n}$	23475	2	10024
2841	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\bar{D}^{*-}D_0^{*+}$	23477	2	10026
2842	$e^+e^- \to \pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	23481	2	10028
2843	$e^+e^- \to \pi^0\pi^0\rho^-K^+D^{*+}D_s^{*-}$	23498	2	10030
2844	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{n}\Sigma_c^0$	23554	2	10032
2845	$e^+e^- \to e^+\nu_e\rho^0\rho^-\omega D^+\bar{D}^{*-}$	23591	2	10034
2846	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	23597	2	10036
2847	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\eta D^-D^{*+}$	23615	2	10038
2848	$e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}D_{s1}'^-$	23623	2	10040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2849	$e^+e^- \to e^-\bar{\nu}_e D^+ D^- a_1^+$	23704	2	10042
2850	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+ D^-$	5938	2	10044
2851	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}D^{*0}D_s^{*+}$	23771	2	10046
2852	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^- D^{*+}$	23788	2	10048
2853	$e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-}D_s^{*-}$	23813	2	10050
2854	$e^+e^- \to \tau^+\nu_\tau D^- D^0\Delta^+\bar{\Delta}^+$	23871	2	10052
2855	$e^+e^- \to \pi^+K^0\bar{K}^0 D^- D^{*+}a_1^-$	23894	2	10054
2856	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^- D^{*+}$	23901	2	10056
2857	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}D_s^{*-}\gamma$	23917	2	10058
2858	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+K^- D^+ D^-$	23920	2	10060
2859	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^+ D^- D_s^+$	23922	2	10062
2860	$e^+e^- \to K^* D^- D^{*+}\bar{D}^{*-}D_s^{*+}$	23934	2	10064
2861	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- D^{*+}\bar{D}^{*0}D_s^+$	23950	2	10066
2862	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^- D^{*+}$	23992	2	10068
2863	$e^+e^- \to \rho^-\eta D^- D^{*+}D_s^{*+}$	24018	2	10070
2864	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^* D^{*+}\bar{D}^{*-}D^0$	24069	2	10072
2865	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+}\bar{D}^0$	24129	2	10074
2866	$e^+e^- \to \rho^0\pi^+ D^{*+}\bar{D}^{*-}D_s^-$	24144	2	10076
2867	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\eta D^+ D^{*+}$	24175	2	10078
2868	$e^+e^- \to \pi^0\rho^-\omega D^+ D^{*+}D_s^{*-}$	1669	2	10080
2869	$e^+e^- \to e^+\nu_e\rho^0\rho^- D^+\bar{D}^{*-}$	24199	2	10082
2870	$e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}a_1^+ D_{s1}'^+$	24205	2	10084
2871	$e^+e^- \to \mu^+\nu_\mu\pi^- K^0\bar{K}^0 D^+\bar{D}^{*-}$	24218	2	10086
2872	$e^+e^- \to K^0K^- D^{*+}D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	24235	2	10088
2873	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^{*+}D^{*+}J/\psi$	24285	2	10090
2874	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta D^- D^{*+}$	24308	2	10092
2875	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-}$	24313	2	10094
2876	$e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-}D_1^-$	5941	2	10096
2877	$e^+e^- \to \pi^- D^+\bar{D}^0 D_s^{*+}a_1^-$	24326	2	10098
2878	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^- D^+ D_1'^-$	547	2	10100
2879	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^+ D^- D^{*+}$	24421	2	10102
2880	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^+ D^-$	24473	2	10104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2881	$e^+e^- \to e^+\nu_e\pi^-\omega D^- D^{*+}$	24483	2	10106
2882	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^- D^{*+}$	24523	2	10108
2883	$e^+e^- \to e^+\nu_e\omega\bar{K}^0\bar{D}^{*-}J/\psi$	24542	2	10110
2884	$e^+e^- \to \pi^0\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-}$	24550	2	10112
2885	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^-D_s^{*+}$	24556	2	10114
2886	$e^+e^- \to \omega D^{*+}D_s^{*-}p\bar{\Sigma}_c^-$	24594	2	10116
2887	$e^+e^- \to \eta K^0K^-D^+\bar{D}^{*-}a_1^+$	24599	2	10118
2888	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^+D_1^-$	24629	2	10120
2889	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^*K^-D^+\bar{D}^{*-}$	24651	2	10122
2890	$e^+e^- \to \pi^0\pi^-K^-D^{*+}D^{*+}\bar{D}^0$	24690	2	10124
2891	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^+D^-\bar{D}^{*-}$	24702	2	10126
2892	$e^+e^- \to \rho^+\bar{D}^{*-}D^{*0}\Delta^+\bar{\Delta}^+$	24719	2	10128
2893	$e^+e^- \to e^+\nu_e\pi^-\eta\eta'D^{*+}\bar{D}^{*-}$	24732	2	10130
2894	$e^+e^- \to \rho^0\pi^+\pi^+\eta D^-\bar{D}^{*-}$	24740	2	10132
2895	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+a_1^-$	24791	2	10134
2896	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^*K^+D^-D^{*+}$	24804	2	10136
2897	$e^+e^- \to \mu^+\nu_\mu\rho^-D_0^{*-}D_1^+$	2995	2	10138
2898	$e^+e^- \to e^+\nu_e\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	24871	2	10140
2899	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^-\bar{\Delta}^0\Sigma_c^+$	24907	2	10142
2900	$e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-}D_s^-$	1673	2	10144
2901	$e^+e^- \to \rho^0K^0K^-D^-D^{*+}D^{*+}\bar{D}^{*0}$	24943	2	10146
2902	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^-D^{*+}D^{*+}\gamma$	24945	2	10148
2903	$e^+e^- \to \pi^0K^{*-}D^-D^{*+}\bar{D}^{*0}D_s^{*+}$	24978	2	10150
2904	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+D^-n\bar{n}$	24981	2	10152
2905	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D^{*0}$	24998	2	10154
2906	$e^+e^- \to \mu^+\nu_\mu K^*K^-D^{*+}D_0^{*-}$	25095	2	10156
2907	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega\omega D^-D^{*+}$	25137	2	10158
2908	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\omega\bar{D}^{*-}D_1^+$	5970	2	10160
2909	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	25320	2	10162
2910	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^{*+}D^{*+}\bar{D}^0$	25350	2	10164
2911	$e^+e^- \to e^+\nu_e\pi^0K^*\bar{D}^{*-}\eta_c$	25361	2	10166
2912	$e^+e^- \to \pi^+\pi^-\rho^+D^+D^-D_s^{*-}$	5982	2	10168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2913	$e^+e^- \to \mu^+\nu_\mu K^* D^+ D^- \bar{D}^{*-}$	25369	2	10170
2914	$e^+e^- \to e^-\bar{\nu}_e\pi^- D^+ \bar{D}^0 D_s^{*+}$	25375	2	10172
2915	$e^+e^- \to \pi^0\pi^-\pi^- D^{*+} \bar{D}^0 D_s^+$	25400	2	10174
2916	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} D_1^+ D_{s1}'^-$	25457	2	10176
2917	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega K^0 D^{*+} \bar{D}^{*0}$	25530	2	10178
2918	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0 \bar{K}^0 D^+ \bar{D}^{*-}$	25531	2	10180
2919	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0 \bar{D}^{*-} D^{*0}$	25639	2	10182
2920	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\omega D^- D^{*+}$	25644	2	10184
2921	$e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^+ D_s^-$	25655	2	10186
2922	$e^+e^- \to \pi^+ K^0 \bar{K}^0 K^+ D^- \bar{D}^{*-} D^{*0}$	25666	2	10188
2923	$e^+e^- \to \pi^- \bar{K}^* K^+ \eta_c J/\psi$	25689	2	10190
2924	$e^+e^- \to e^+\nu_e \bar{K}^* \bar{D}^{*-} D^0 \bar{D}^{*0}$	25753	2	10192
2925	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^+ D^+ D^- D^{*+}$	25757	2	10194
2926	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^- D^+ \bar{D}^{*-}$	25762	2	10196
2927	$e^+e^- \to D^+ \bar{D}^{*-} D_s^{*+} n\bar{p}$	25807	2	10198
2928	$e^+e^- \to \pi^+ D^+ D^- D_s^- n\bar{n}$	25830	2	10200
2929	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^- D^- D_0^{*+}$	25837	2	10202
2930	$e^+e^- \to D^{*+} \bar{D}^0 n\bar{n} D_{s1}'^-$	25842	2	10204
2931	$e^+e^- \to D^- D^{*+} \bar{n}\Delta^+ D_{s1}'^-$	25849	2	10206
2932	$e^+e^- \to \pi^0\rho^0\pi^+\eta' D^{*+} \bar{D}^{*-} D_s^{*-}$	25866	2	10208
2933	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^+ \bar{D}^{*-} D_s^{*-}$	25909	2	10210
2934	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^- D^{*+} \bar{D}^{*-}$	25953	2	10212
2935	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+ D^+$	25983	2	10214
2936	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^{*+} D_1^-$	26010	2	10216
2937	$e^+e^- \to \bar{K}^0 D^+ \bar{D}^{*-} D_s^{*+} D_1^-$	26038	2	10218
2938	$e^+e^- \to \pi^+\pi^+\pi^- K^0 \bar{K}^0 D^+ D^- D_s^-$	26145	2	10220
2939	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^- D^{*+} \bar{D}^{*-}$	26216	2	10222
2940	$e^+e^- \to \rho^+ \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	26231	2	10224
2941	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0 D^{*+} \bar{D}^0$	26238	2	10226
2942	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ \bar{D}^{*-} D_s^{*+}$	5992	2	10228
2943	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- D^+ \bar{D}^0 D_s^+$	26277	2	10230
2944	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+} \bar{D}^{*-}$	26292	2	10232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2945	$e^+e^- \to \pi^0\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+$	26355	2	10234
2946	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^-D^{*+}$	5995	2	10236
2947	$e^+e^- \to K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}$	26429	2	10238
2948	$e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^+D^{*+}$	26492	2	10240
2949	$e^+e^- \to \pi^+\eta D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	26561	2	10242
2950	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$	26619	2	10244
2951	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^-D^{*+}$	26633	2	10246
2952	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^+D^+D^-D^{*0}$	26646	2	10248
2953	$e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}D_2^{*-}$	26679	2	10250
2954	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+D^-$	26703	2	10252
2955	$e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}a_1^-$	26728	2	10254
2956	$e^+e^- \to e^+\nu_e\rho^+K^{*-}\bar{D}^{*-}J/\psi$	26821	2	10256
2957	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^-D^{*+}$	26877	2	10258
2958	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	26881	2	10260
2959	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+}$	1678	2	10262
2960	$e^+e^- \to e^+\nu_eK_SD^-\psi'$	26915	2	10264
2961	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-\bar{D}^{*-}\psi(3770)$	6040	2	10266
2962	$e^+e^- \to \rho^0\pi^+\omega D^-D^{*+}D_s^{*-}$	27038	2	10268
2963	$e^+e^- \to \rho^0\pi^-\eta K^+D^+\bar{D}^{*-}D^{*0}$	27162	2	10270
2964	$e^+e^- \to e^+\nu_e\pi^-\omega D^+\bar{D}^{*-}$	27170	2	10272
2965	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^{*0}\bar{D}^{*0}$	27193	2	10274
2966	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0K^-D^-D^{*+}$	6048	2	10276
2967	$e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-}$	27356	2	10278
2968	$e^+e^- \to e^-\bar{\nu}_e\pi^0p\bar{\Sigma}_c^-D_1^+$	27375	2	10280
2969	$e^+e^- \to D^+D^{*+}D_s^{*-}a_1^-$	27378	2	10282
2970	$e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_s^{*-}$	27388	2	10284
2971	$e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-}D_1'^-$	27432	2	10286
2972	$e^+e^- \to e^-\bar{\nu}_e\omega D^-D^{*+}\bar{n}p$	27640	2	10288
2973	$e^+e^- \to \bar{K}^0K^*D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	27662	2	10290
2974	$e^+e^- \to e^+\nu_e\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	27696	2	10292
2975	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+D^-\bar{D}^{*-}$	6052	2	10294
2976	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^-D_1^+$	27746	2	10296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
2977	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	27800	2	10298
2978	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+D^+D^-D^{*0}$	27847	2	10300
2979	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-D^{*+}D^{*+}$	27854	2	10302
2980	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	27886	2	10304
2981	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{D}^{*-}\bar{n}pD_0^{*+}$	27910	2	10306
2982	$e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^{*-}D_{s1}'^+$	6055	2	10308
2983	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	27980	2	10310
2984	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	28064	2	10312
2985	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^-D^{*+}$	3032	2	10314
2986	$e^+e^- \to \mu^+\nu_\mu\omega D^+D^-n\bar{p}$	28297	2	10316
2987	$e^+e^- \to \pi^0\pi^+\omega D^-D^{*+}D_{s1}'^-$	28310	2	10318
2988	$e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_{s0}^{*+}$	28360	2	10320
2989	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	6076	2	10322
2990	$e^+e^- \to \rho^-\eta D^{*+}D^{*+}D_{s1}'^-$	28402	2	10324
2991	$e^+e^- \to \pi^0\rho^0\pi^+K^-D^-D^{*+}\bar{D}^{*0}$	28456	2	10326
2992	$e^+e^- \to \pi^0\eta K^0\bar{K}^0D^+D^+D^-D^-$	28461	2	10328
2993	$e^+e^- \to e^+\nu_e\pi^-D^+\bar{D}^{*-}p\bar{p}$	28469	2	10330
2994	$e^+e^- \to \rho^-K^0D^+D^+D^-$	28470	2	10332
2995	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-a_1^+$	28499	2	10334
2996	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^{*+}D_0^{*-}$	28517	2	10336
2997	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+K^0K^-D^-D^{*+}$	28773	2	10338
2998	$e^+e^- \to \pi^0\pi^-\rho^-\eta D^+D^{*+}$	28810	2	10340
2999	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\omega D^{*+}\bar{D}^{*-}$	28859	2	10342
3000	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\rho^+D^-D^{*+}$	28881	2	10344
3001	$e^+e^- \to \pi^0\pi^-\rho^-K^+D^+D^+\bar{D}^{*-}$	28920	2	10346
3002	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta\eta D^{*+}\bar{D}^{*-}$	28923	2	10348
3003	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\eta D^+D^{*+}$	28937	2	10350
3004	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-}$	28966	2	10352
3005	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}$	29143	2	10354
3006	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\bar{D}^{*-}\bar{D}^0$	29182	2	10356
3007	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	29321	2	10358
3008	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}D^{*+}D_s^{*-}$	29349	2	10360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3009	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^- D^{*+} D_s^{*+}$	6087	2	10362
3010	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^- D^- D^{*+}$	29502	2	10364
3011	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}$	29591	2	10366
3012	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^- D^+ D^-$	29815	2	10368
3013	$e^+e^- \to \pi^0\pi^- D^- D^{*+} D_s^+$	29966	2	10370
3014	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^+ D^- D^{*0}$	30098	2	10372
3015	$e^+e^- \to K^* D^+ D_s^{*-}\chi_{c0}$	30131	2	10374
3016	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega D^+ D^-$	30158	2	10376
3017	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^- D^+ D^-$	30352	2	10378
3018	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0 K^{*+} D^- D^{*+}$	30448	2	10380
3019	$e^+e^- \to \pi^+\pi^- K^* D^+ D^- D^{*+} D_s^{*-}$	30868	2	10382
3020	$e^+e^- \to \pi^0\pi^+\rho^+\rho^- K^+ D^-\bar{D}^{*-} D^{*0}$	30930	2	10384
3021	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^- D^{*+}$	31035	2	10386
3022	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^- D^{*+}\bar{D}^{*-}$	31393	2	10388
3023	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	31472	2	10390
3024	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*0} p\bar{\Sigma}^-$	31773	2	10392
3025	$e^+e^- \to \pi^0\pi^- K^+ D^+ D^- D^{*+} a_1^-$	3024	1	10393
3026	$e^+e^- \to e^-\bar{\nu}_e K^* D^+\bar{D}^0$	3025	1	10394
3027	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}$	3026	1	10395
3028	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*\bar{K}^* K^{*+} D^+ D^-\bar{D}^{*0}$	3027	1	10396
3029	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+} D_s^{*+}\gamma$	3028	1	10397
3030	$e^+e^- \to \pi^+\bar{K}^0 K^{*-} D^{*0}\bar{D}^{*0} J/\psi$	167	1	10398
3031	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 D^{*+}\Delta^0\bar{\Xi}_c^{*0}$	3030	1	10399
3032	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0 K^{*+} D^+\bar{D}^0$	3031	1	10400
3033	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^- K^{*+} D^{*+} D^0\bar{D}^{*0}$	168	1	10401
3034	$e^+e^- \to \pi^0\pi^+ K^* K^+ K^{*-} D^- D^{*0}$	3033	1	10402
3035	$e^+e^- \to e^+\nu_e\rho^0 K^- D^{*+}\bar{D}^0 D_1^-$	3034	1	10403
3036	$e^+e^- \to e^+\nu_e\pi^0\pi^+ K^{*-} D^- D^{*+}\bar{D}^{*-}$	669	1	10404
3037	$e^+e^- \to \rho^-\omega D^- D^{*+}\bar{\Delta}^-\Delta^0$	3036	1	10405
3038	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^*\bar{D}^0 J/\psi$	3037	1	10406
3039	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0$	3038	1	10407
3040	$e^+e^- \to \tau^+\nu_\tau\pi^+\rho^+\omega K^* K^- D^-\bar{D}^{*-}$	670	1	10408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3041	$e^+e^- \to \pi^-\bar{K}^*K^+D^+\bar{D}^{*-}$	3040	1	10409
3042	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^{*-}D^+D^0\bar{D}^0$	3041	1	10410
3043	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\omega\omega D^-D^{*+}$	3042	1	10411
3044	$e^+e^- \to e^+\nu_e\pi^-\eta' D^+D_0^{*-}$	3043	1	10412
3045	$e^+e^- \to \pi^0\pi^+\omega\omega K^0D^+D^-\bar{D}^{*-}$	3044	1	10413
3046	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	671	1	10414
3047	$e^+e^- \to \pi^0\bar{D}^{*-}D^0n\bar{n}\bar{n}p$	672	1	10415
3048	$e^+e^- \to \pi^+\eta D^-D^{*+}n\bar{n}D_{s1}'^-$	673	1	10416
3049	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*0}$	3048	1	10417
3050	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^+K^-\bar{D}^{*-}D^{*0}$	3049	1	10418
3051	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	674	1	10419
3052	$e^+e^- \to K^0\bar{K}^0\bar{D}^{*-}D_s^{*+}\bar{p}\Lambda_c^+$	3051	1	10420
3053	$e^+e^- \to \rho^0\rho^-K^0\phi D^+D^+D^-$	3052	1	10421
3054	$e^+e^- \to \rho^0\rho^+\eta\omega D^-D^{*+}a_1^-$	3053	1	10422
3055	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^*K^{*-}D^+\bar{D}^{*-}$	3054	1	10423
3056	$e^+e^- \to \tau^+\nu_\tau\rho^+\omega D^-D_2^{*-}\gamma$	3055	1	10424
3057	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+K^+K^{*-}D^+D^-$	3056	1	10425
3058	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega D^+D^-$	3057	1	10426
3059	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+K^+D^-D_s^{*-}$	169	1	10427
3060	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}D^0D_s^-$	3059	1	10428
3061	$e^+e^- \to \mu^+\nu_\mu\rho^+D^-D_0^{*-}$	3060	1	10429
3062	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-D^+\Delta^0\bar{\Sigma}_c^0\gamma$	3061	1	10430
3063	$e^+e^- \to \pi^-\rho^+D_2^{*-}\bar{n}\Lambda_c^+$	3062	1	10431
3064	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	3063	1	10432
3065	$e^+e^- \to \bar{K}^*K^+K^-\phi D^-D^{*+}$	676	1	10433
3066	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^-D^{*+}D_s^{*+}$	3065	1	10434
3067	$e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+D^-D_{s0}^{*+}$	3066	1	10435
3068	$e^+e^- \to K^+D^-\bar{D}^{*-}D^{*0}a_1^+$	3067	1	10436
3069	$e^+e^- \to K^0K^-D^{*+}\bar{D}^0D_s^-D_s^{*+}$	3068	1	10437
3070	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}p$	3069	1	10438
3071	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*K^+K^-D^{*+}\bar{D}^0$	677	1	10439
3072	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0K^{*+}D^-D^0$	678	1	10440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3073	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-K^*\bar{K}^*D^-\bar{D}^{*-}$	679	1	10441
3074	$e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^0\Delta^+\bar{\Sigma}_c^{*--}$	3073	1	10442
3075	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^-\bar{D}^0\Delta^0\bar{\Sigma}^+$	170	1	10443
3076	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^{*0}$	681	1	10444
3077	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*-}D^0$	3076	1	10445
3078	$e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^+$	3077	1	10446
3079	$e^+e^- \to \pi^-\pi^-\bar{K}^0K^+D^+D^{*+}\bar{D}^{*0}D_s^-$	3078	1	10447
3080	$e^+e^- \to \rho^0\pi^+\rho^+\rho^+\rho^-\omega\omega\bar{D}^{*-}\bar{D}^{*-}$	3079	1	10448
3081	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0}\bar{\Delta}^-\Delta^0$	3080	1	10449
3082	$e^+e^- \to \pi^+\bar{K}^0\bar{K}^0D^-D^0D_s^-D_s^{*+}$	3081	1	10450
3083	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	3082	1	10451
3084	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\omega\omega K^0K^-\bar{D}^{*-}D^{*0}$	682	1	10452
3085	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^{*0}$	3084	1	10453
3086	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}\Delta^0\bar{p}D_{s1}'^+$	683	1	10454
3087	$e^+e^- \to \pi^+\pi^+K^+K^-D^-\bar{p}\Xi_c'^0$	684	1	10455
3088	$e^+e^- \to \rho^0\pi^-\pi^-D^+D^{*+}$	3087	1	10456
3089	$e^+e^- \to \pi^0\pi^+K^*D^{*+}\bar{D}^{*-}D^0D_s^-$	3088	1	10457
3090	$e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	3089	1	10458
3091	$e^+e^- \to \pi^+\pi^-K^0D^+\bar{n}\Sigma^-\psi(3770)$	3090	1	10459
3092	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}a_1^-$	3091	1	10460
3093	$e^+e^- \to \rho^0\pi^+\rho^+K^-D^+D^-\bar{D}^{*-}$	47	1	10461
3094	$e^+e^- \to \pi^+\bar{K}^0\eta_c\Delta^+\bar{\Sigma}_c^{*--}$	3093	1	10462
3095	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-\eta'D^{*+}\bar{D}^{*-}$	686	1	10463
3096	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega K^*K^-D^+$	3095	1	10464
3097	$e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^0$	3096	1	10465
3098	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^{*+}K^{*+}K^{*-}D^-\bar{D}^{*-}$	3097	1	10466
3099	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\eta K^{*+}D^+D_s^-$	3098	1	10467
3100	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^-K^{*+}D^-D^{*+}\bar{n}p$	3099	1	10468
3101	$e^+e^- \to \pi^0\pi^0\pi^+D^-D_s^{*+}\bar{\Delta}^+\Xi_c'^0$	3100	1	10469
3102	$e^+e^- \to \pi^0\pi^+K^{*-}D^+D^-D^-\bar{n}p$	3101	1	10470
3103	$e^+e^- \to \pi^+\pi^-K^-D^-D^{*+}\bar{D}^0D_s^+$	3102	1	10471
3104	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+\bar{D}^{*-}D^{*0}$	687	1	10472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3105	$e^+e^- \to \pi^-\eta D^{*+}\bar{D}^0\bar{\Lambda}\Sigma^{*0}$	3104	1	10473
3106	$e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	3105	1	10474
3107	$e^+e^- \to \bar{K}^0\bar{K}^0K^+\eta' D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	3106	1	10475
3108	$e^+e^- \to \rho^0\pi^+\rho^+\bar{K}^*D^-D^-D^{*0}$	3107	1	10476
3109	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*K^+K^-\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	3108	1	10477
3110	$e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	3109	1	10478
3111	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^{*+}\bar{D}^{*-}D^0$	3110	1	10479
3112	$e^+e^- \to \pi^0\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+$	3111	1	10480
3113	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^-D^-D^{*+}$	3112	1	10481
3114	$e^+e^- \to \rho^0\pi^+\rho^-K^+\bar{D}^{*-}D^0D^0$	3113	1	10482
3115	$e^+e^- \to \bar{K}^0K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	3114	1	10483
3116	$e^+e^- \to \rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	3115	1	10484
3117	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{D}^0D_s^+D_0^{*+}$	3116	1	10485
3118	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^-D^{*0}$	3117	1	10486
3119	$e^+e^- \to \pi^-\pi^-\rho^+\eta\omega K^*D^+D^{*+}\bar{D}^{*-}$	3118	1	10487
3120	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta K^0K^{*-}D^+\bar{D}^{*-}$	3119	1	10488
3121	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\eta\omega\omega K^0\bar{K}^0K^+D^{*+}D^0$	3120	1	10489
3122	$e^+e^- \to \rho^0\pi^-\bar{K}^*K^+D^-D^{*+}$	3121	1	10490
3123	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta D^-D^{*+}$	688	1	10491
3124	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^-D^+n\bar{\Sigma}_c^0$	3123	1	10492
3125	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-}$	3124	1	10493
3126	$e^+e^- \to \pi^0\pi^+\bar{K}^0D^+D^-\bar{D}^{*-}n\bar{\Delta}^0$	3125	1	10494
3127	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^-D^-D^{*+}\bar{D}^{*0}$	3126	1	10495
3128	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta D^{*+}\bar{D}^{*-}$	3127	1	10496
3129	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta D^+D^{*+}$	3128	1	10497
3130	$e^+e^- \to K_L\pi^+\pi^-\eta K^0K^-D^{*+}J/\psi$	3129	1	10498
3131	$e^+e^- \to D^+\bar{D}^{*-}a_1^+D_{s1}'^-\gamma$	3130	1	10499
3132	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^+$	3131	1	10500
3133	$e^+e^- \to \eta K^0K^-K^-D^+D^{*+}\bar{D}^{*0}$	3132	1	10501
3134	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^+D^0D_s^{*-}$	3133	1	10502
3135	$e^+e^- \to \pi^0\rho^0\eta\omega\omega D^0\Delta^0\bar{\Sigma}_c^0$	3134	1	10503
3136	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^+D^+D_s^-$	3135	1	10504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3137	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^0$	3136	1	10505
3138	$e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0K^+D^+\Sigma^0\bar{\Sigma}^-$	3137	1	10506
3139	$e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0\eta' D^0D_1^-$	3138	1	10507
3140	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^+D_s^{*-}$	3139	1	10508
3141	$e^+e^- \to K^-D^+D^-\bar{D}^{*0}\bar{\Delta}^-n$	689	1	10509
3142	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	3141	1	10510
3143	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^0$	3142	1	10511
3144	$e^+e^- \to \pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D_{s1}'^+$	172	1	10512
3145	$e^+e^- \to \pi^+\pi^-K^0D^-D^0\bar{n}\Sigma_c^+$	3144	1	10513
3146	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^+D^-D_s^{*-}$	3145	1	10514
3147	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta K^-\bar{D}^{*-}D^0\bar{D}^0$	3146	1	10515
3148	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0$	691	1	10516
3149	$e^+e^- \to \rho^0\pi^+\pi^-K^0K^*K^{*-}D^{*+}\bar{D}^0$	3148	1	10517
3150	$e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^0\bar{K}^0K^*\bar{D}^0D_s^{*+}$	3149	1	10518
3151	$e^+e^- \to \rho^+K^*D^0\bar{D}^0D_s^-$	3150	1	10519
3152	$e^+e^- \to \rho^0\rho^+\omega D^+D^-D_{s1}'^-$	3151	1	10520
3153	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{K}^*K^-D^+D^-$	3152	1	10521
3154	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^+D^-$	3153	1	10522
3155	$e^+e^- \to \pi^+K^0D^-D^-D^0D_{s1}'^+$	692	1	10523
3156	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+K^-K^{*+}K^{*-}D^-D^{*+}\bar{n}p$	3155	1	10524
3157	$e^+e^- \to \bar{K}^*K^+D^{*0}\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*--}$	3156	1	10525
3158	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-K^+\bar{D}^{*-}\bar{D}^{*-}$	3157	1	10526
3159	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+$	3158	1	10527
3160	$e^+e^- \to \pi^0D^+D^-D_s^{*+}D_{s1}'^-$	3159	1	10528
3161	$e^+e^- \to \rho^0\rho^0\rho^+\omega K^0K^-D^+D^-$	3160	1	10529
3162	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	693	1	10530
3163	$e^+e^- \to \mu^+\nu_\mu K^+K^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	3162	1	10531
3164	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+}p\bar{p}$	3163	1	10532
3165	$e^+e^- \to \pi^0\pi^+\rho^+K^*\bar{K}^*D^-D^0D_s^-$	3164	1	10533
3166	$e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	3165	1	10534
3167	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	694	1	10535
3168	$e^+e^- \to \pi^+D^-\bar{\Delta}^+\Sigma_c^{*0}D_{s1}'^+$	3167	1	10536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3169	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	695	1	10537
3170	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+D^-D_0^{*+}$	3169	1	10538
3171	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*0}$	696	1	10539
3172	$e^+e^- \to \rho^0\pi^-D^{*+}D^0nn\bar{n}\bar{\Delta}^0$	3171	1	10540
3173	$e^+e^- \to \pi^0\pi^-\rho^+K^+D^-D^-D^{*+}$	697	1	10541
3174	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^{++}$	3173	1	10542
3175	$e^+e^- \to \rho^-\eta K^+D^{*+}\bar{D}^{*0}a_1^-$	3174	1	10543
3176	$e^+e^- \to \rho^-K^{*-}D^+D^+\bar{D}^{*0}p\bar{p}$	3175	1	10544
3177	$e^+e^- \to \pi^0\rho^-D^-D_2^{*+}D_s^+$	3176	1	10545
3178	$e^+e^- \to \rho^0\bar{K}^0\bar{K}^0K^*K^+\phi D^+D^-D_s^-$	698	1	10546
3179	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0\bar{K}^0D^+D^-$	3178	1	10547
3180	$e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}D_s^{*-}$	3179	1	10548
3181	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0D^+D^-D^{*+}$	3180	1	10549
3182	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-}$	3181	1	10550
3183	$e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^*K^+K^-D^-\psi'$	3182	1	10551
3184	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-}$	3183	1	10552
3185	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^{*+}$	3184	1	10553
3186	$e^+e^- \to \pi^0\pi^-\rho^-K^{*+}K^{*-}\eta'D^+D^{*+}$	3185	1	10554
3187	$e^+e^- \to \pi^-\rho^+\eta\eta'D^+D^-$	3186	1	10555
3188	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	3187	1	10556
3189	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^{*+}\bar{D}^{*-}p\bar{\Lambda}$	3188	1	10557
3190	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-D^{*+}D_2^{*+}$	3189	1	10558
3191	$e^+e^- \to \pi^0\pi^-\eta\eta K^0D^-D^{*+}D^{*+}$	3190	1	10559
3192	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-$	3191	1	10560
3193	$e^+e^- \to \bar{K}^0\bar{K}^0K^*K^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	3192	1	10561
3194	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta K^0K^-D^+\bar{D}^{*-}$	3193	1	10562
3195	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+D^+D^-D_s^{*-}n\bar{p}$	699	1	10563
3196	$e^+e^- \to \rho^+\bar{K}^*D_2^{*-}D^0\bar{D}^{*0}\gamma$	3195	1	10564
3197	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-K^-D^+D^{*+}$	3196	1	10565
3198	$e^+e^- \to e^+\nu_e\pi^-K^0D^0\bar{D}^0\bar{D}^{*0}$	700	1	10566
3199	$e^+e^- \to \rho^0\bar{K}^0\bar{K}^0D_s^+D_s^-J/\psi$	3198	1	10567
3200	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^-D^{*+}\bar{D}^0$	3199	1	10568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3201	$e^+e^- \to \rho^0\rho^-\eta K^* D^- D^{*+} D^{*+}$	173	1	10569
3202	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\eta'\bar{D}^{*-}D^0$	3201	1	10570
3203	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^+ p\bar{\Sigma}_c^0$	3202	1	10571
3204	$e^+e^- \to \pi^0\pi^-\eta K^+K^- D^+\bar{D}^{*-}D_s^+$	3203	1	10572
3205	$e^+e^- \to \pi^0\pi^+K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Lambda}\Sigma^0$	3204	1	10573
3206	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^0$	3205	1	10574
3207	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^-$	3206	1	10575
3208	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-}$	702	1	10576
3209	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0\bar{K}^*\eta' D^{*+}\bar{D}^{*-}$	3208	1	10577
3210	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D_1^-$	3209	1	10578
3211	$e^+e^- \to \eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}a_1^-$	3210	1	10579
3212	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-D^-D^{*+}a_1^-$	3211	1	10580
3213	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^+D^+\bar{D}^{*-}D^{*0}$	3212	1	10581
3214	$e^+e^- \to e^+\nu_e D^+ D_0^{*-}D_{s1}'^-$	3213	1	10582
3215	$e^+e^- \to \rho^-K^0\bar{K}^0K^-D^+\bar{\Lambda}\Sigma_c^+$	3214	1	10583
3216	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-D^+D^-$	3215	1	10584
3217	$e^+e^- \to \pi^+\pi^-\omega\eta'\bar{D}^{*-}D^0D_{s1}'^+$	3216	1	10585
3218	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^*K^-K^-K^{*+}K^{*+}D^+\bar{D}^{*-}$	3217	1	10586
3219	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-D^{*+}\bar{\Delta}^0 p$	703	1	10587
3220	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^{*0}$	704	1	10588
3221	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^0K^0K^-K^-D^+D^{*+}\gamma$	174	1	10589
3222	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^-D^{*+}$	3221	1	10590
3223	$e^+e^- \to \tau^+\nu_\tau\pi^0\bar{D}^{*-}\bar{n}\Sigma_c^0$	175	1	10591
3224	$e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}D^{*0}n\bar{\Delta}^0$	3223	1	10592
3225	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{\Delta}^+\Delta^{++}D_1^+\gamma$	3224	1	10593
3226	$e^+e^- \to \phi D^+D^-D_s^{*+}D_s^{*-}$	707	1	10594
3227	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^-D^+D^-$	3226	1	10595
3228	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^-D^{*+}\bar{\Delta}^0\Delta^{++}$	176	1	10596
3229	$e^+e^- \to \pi^0\pi^-\rho^+K^{*-}D^+\bar{D}^{*0}\bar{D}^{*0}$	709	1	10597
3230	$e^+e^- \to \pi^+\pi^+\pi^-K^*D^-J/\psi$	710	1	10598
3231	$e^+e^- \to \pi^-\omega\omega\omega K_S D^+\psi'$	3230	1	10599
3232	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	3231	1	10600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3233	$e^+e^- \to \bar{K}^* D^+ D^{*+} \bar{D}^{*-} D'^-_{s1}$	3232	1	10601
3234	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^+ D^0 D^{*-}_s$	3233	1	10602
3235	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\eta D^- D^-_1$	3234	1	10603
3236	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+ K^{*-} D^+ \bar{D}^{*-}\bar{D}^{*-}$	711	1	10604
3237	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^{*+} D^{*+}$	3236	1	10605
3238	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\eta\omega\omega K^{*-}\bar{D}^{*-} D^+_s$	3237	1	10606
3239	$e^+e^- \to \pi^+ K^0 K^* K^- D^{*+} D^{*-}_s$	3238	1	10607
3240	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+\rho^+ D^+\bar{D}^0$	3239	1	10608
3241	$e^+e^- \to \pi^+ D^0 D^+_s D^{*-}_s D^-_1$	3240	1	10609
3242	$e^+e^- \to \rho^-\omega\omega\omega D^- D^{*+} D^{*+}_s$	712	1	10610
3243	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+ K^{*-} D^-\bar{D}^{*0}\bar{n}p$	177	1	10611
3244	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-}$	3243	1	10612
3245	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega K^- D^{*+}\bar{D}^{*-}$	3244	1	10613
3246	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^- K^-\bar{D}^{*-}\bar{D}^0 D^{*0}$	3245	1	10614
3247	$e^+e^- \to \rho^0\pi^-\rho^+\bar{K}^* D^{*0} D^{*+}_s D'^-_1$	3246	1	10615
3248	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^+ K^- K^- K^{*-} D^{*0} D^+_s D^{*-}_s$	3247	1	10616
3249	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^- D^{*+} D^{*+}\bar{D}^0$	3248	1	10617
3250	$e^+e^- \to \pi^0\pi^+ K^+ K^{*-} D^- D^{*+} D^{*-}_s\gamma$	3249	1	10618
3251	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-\bar{K}^* D^- J/\psi$	3250	1	10619
3252	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- D^- D^{*+} D^{*-}_s$	3251	1	10620
3253	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^- D^{*+}\bar{D}^{*-}\gamma$	3252	1	10621
3254	$e^+e^- \to \pi^0\pi^0 K^0 D^+ D^- D^{*+} D^-_s$	3253	1	10622
3255	$e^+e^- \to e^+\nu_e\eta\bar{K}^*\bar{D}^{*-}\bar{\Delta}^+\Sigma^+_c$	3254	1	10623
3256	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\eta D^- D^-$	3255	1	10624
3257	$e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^+$	714	1	10625
3258	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0 D^- D^- D^0$	3257	1	10626
3259	$e^+e^- \to \rho^0\pi^+\pi^+\eta K^0\bar{K}^0 D^-\bar{D}^{*-}$	3258	1	10627
3260	$e^+e^- \to \pi^0\pi^-\rho^- D^{*+}\bar{D}^{*-}\bar{n}\Delta^{++}$	3259	1	10628
3261	$e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}\bar{p}\Sigma^0$	3260	1	10629
3262	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	715	1	10630
3263	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^0\bar{K}^0 K^+ K^-\bar{D}^{*-}\bar{\Delta}^0\Sigma^0_c$	3262	1	10631
3264	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ D^- D^{*+} a^-_1$	3263	1	10632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3265	$e^+e^- \to \pi^+\rho^-K^0D^-D^{*+}\bar{n}\Lambda$	716	1	10633
3266	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}\Delta^-\bar{n}$	178	1	10634
3267	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^{*-}D^0D_s^{*+}$	3266	1	10635
3268	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}D^0\bar{D}^{*0}p\bar{p}$	3267	1	10636
3269	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-$	3268	1	10637
3270	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_0^{*+}$	3269	1	10638
3271	$e^+e^- \to \pi^+\rho^-\bar{K}^0D^+D^-D^0$	3270	1	10639
3272	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^*K^{*+}\bar{D}^{*-}J/\psi$	3271	1	10640
3273	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta'D^-D^{*+}$	718	1	10641
3274	$e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{p}\Sigma_c^{*++}$	3273	1	10642
3275	$e^+e^- \to \pi^+\eta K^0K^{*-}D^{*+}\bar{D}^{*-}$	13	1	10643
3276	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^0D^-\bar{D}^{*-}D^0$	3275	1	10644
3277	$e^+e^- \to \pi^0\rho^0\pi^+\eta\omega K^0\bar{D}^{*-}D^0\bar{D}^0$	3276	1	10645
3278	$e^+e^- \to \pi^0\pi^+\pi^-K^-D^0\bar{D}^{*0}\bar{D}^{*0}\bar{n}p$	3277	1	10646
3279	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D_s^{*-}D_0^{*+}$	3278	1	10647
3280	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+D^{*+}$	3279	1	10648
3281	$e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	720	1	10649
3282	$e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^*\bar{\Lambda}\Xi_c^{*0}$	180	1	10650
3283	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta K^0\bar{K}^*D^-D^-$	3282	1	10651
3284	$e^+e^- \to \rho^-\eta\omega\omega K^*D^+\bar{D}^{*0}$	3283	1	10652
3285	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^{*-}D_1'^-$	3284	1	10653
3286	$e^+e^- \to \omega\bar{K}^0D_2^{*-}D^0\bar{D}^{*0}D_s^{*+}$	3285	1	10654
3287	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^{*+}$	3286	1	10655
3288	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^{*+}D^-D^{*+}D^0$	3287	1	10656
3289	$e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^-a_1^+\gamma$	722	1	10657
3290	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*-}D^0p\bar{\Delta}^+$	3289	1	10658
3291	$e^+e^- \to \pi^0K_L\pi^+K^*D^-D^{*0}\psi'$	3290	1	10659
3292	$e^+e^- \to \pi^-\rho^+K^+K^-D^-D^{*+}$	14	1	10660
3293	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^{*0}$	3292	1	10661
3294	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\rho^-K^0K^-D^+D^{*+}$	3293	1	10662
3295	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-$	3294	1	10663
3296	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\bar{K}^0K^+D^+D^-$	3295	1	10664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3297	$e^+e^- \to \rho^+\omega\bar{K}^*D^+D^-\bar{D}^{*-}\gamma$	3296	1	10665
3298	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*-}\bar{D}^0$	3297	1	10666
3299	$e^+e^- \to \pi^-\rho^+K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-}$	3298	1	10667
3300	$e^+e^- \to \rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+a_1^+$	3299	1	10668
3301	$e^+e^- \to \pi^0\pi^+\eta K^*K^{*-}D^+p\bar{\Sigma}_c^{--}$	3300	1	10669
3302	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*0}$	3301	1	10670
3303	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*0}D^{*0}$	3302	1	10671
3304	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\Sigma^+\bar{\Xi}^0$	3303	1	10672
3305	$e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\omega K^*\bar{K}^*D^+n\bar{\Xi}_c'^0$	3304	1	10673
3306	$e^+e^- \to \pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	3305	1	10674
3307	$e^+e^- \to \pi^+\eta K^+K^{*-}D^+\bar{D}^{*-}D_s^{*-}$	724	1	10675
3308	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+D^-D_s^+$	3307	1	10676
3309	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega\omega\omega D^+\bar{D}^{*-}$	725	1	10677
3310	$e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^{*0}n\bar{\Sigma}_c^-$	3309	1	10678
3311	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+}$	3310	1	10679
3312	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\eta\bar{K}^0K^+D^-\bar{D}^{*-}$	3311	1	10680
3313	$e^+e^- \to K^0\bar{K}^0K^*K^+K^{*-}D^+\bar{D}^{*-}D^{*0}$	3312	1	10681
3314	$e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}\bar{\Lambda}\Xi_c'^+$	3313	1	10682
3315	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}$	3314	1	10683
3316	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^0\bar{K}^0D^+\bar{D}^{*-}\bar{p}\Delta^+$	726	1	10684
3317	$e^+e^- \to \tau^+\nu_\tau K^-D^-D^{*+}\bar{D}^{*0}\gamma$	727	1	10685
3318	$e^+e^- \to D^-D^-D_{s1}^+a_1^+\gamma$	728	1	10686
3319	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_{s1}'^+\gamma$	3318	1	10687
3320	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	3319	1	10688
3321	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\Delta^0\bar{\Sigma}_c^{*-}$	3320	1	10689
3322	$e^+e^- \to \pi^-\eta D^{*+}D^{*+}D_{s1}'^-$	182	1	10690
3323	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	3322	1	10691
3324	$e^+e^- \to \pi^0\pi^-\rho^+\omega\omega D^-D^{*+}$	3323	1	10692
3325	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+D^-D_1^+$	3324	1	10693
3326	$e^+e^- \to K^+\eta'\bar{D}^{*-}D^0\bar{\Delta}^0\Sigma_c^0$	3325	1	10694
3327	$e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0K^{*+}D^+D^-\eta_c$	730	1	10695
3328	$e^+e^- \to \rho^0\rho^-\eta D^{*+}D^{*+}D_{s1}'^-\gamma$	731	1	10696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3329	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta D^+\bar{D}^{*-}$	3328	1	10697
3330	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^0\bar{D}^0D_s^+$	732	1	10698
3331	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	3330	1	10699
3332	$e^+e^- \to \pi^0\pi^-\omega D^+D^-D_s^+$	3331	1	10700
3333	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	3332	1	10701
3334	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+D^-$	733	1	10702
3335	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^0K^+K^{*-}D^+D^{*+}\bar{D}^{*-}$	3334	1	10703
3336	$e^+e^- \to \pi^-\pi^-\eta\omega\bar{K}^*\bar{K}^*K^+K^{*+}D^+\bar{D}^{*-}$	3335	1	10704
3337	$e^+e^- \to \pi^0\pi^-\rho^-\omega D^+\bar{D}^{*0}D_s^+$	3336	1	10705
3338	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_s^{*+}D_1^-$	3337	1	10706
3339	$e^+e^- \to \pi^+\pi^-\omega D^+\bar{D}^{*0}D_s^-$	3338	1	10707
3340	$e^+e^- \to \pi^+\pi^+\rho^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	3339	1	10708
3341	$e^+e^- \to \pi^0\pi^0K^*K^*K^-K^-K^{*+}D^-D^{*+}D^{*+}$	3340	1	10709
3342	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\rho^+K^+K^+K^-D^{*+}\bar{D}^0$	3341	1	10710
3343	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+}n\bar{p}$	3342	1	10711
3344	$e^+e^- \to \pi^+\pi^+K^-K^{*+}\bar{D}^{*-}n\bar{\Xi}_c'^-$	3343	1	10712
3345	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*0}$	3344	1	10713
3346	$e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}\eta_c a_1^+$	734	1	10714
3347	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^{*+}\bar{D}^{*0}$	3346	1	10715
3348	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}D_1'^-$	183	1	10716
3349	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^+D^+D^-\bar{D}^{*-}$	736	1	10717
3350	$e^+e^- \to \pi^+K^{*+}D^-D^{*0}\Delta^0\bar{\Sigma}_c^{*-}$	3349	1	10718
3351	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega\omega K^0D^{*+}\bar{D}^0$	3350	1	10719
3352	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^{*+}D^+\bar{D}^{*-}D_s^{*-}$	737	1	10720
3353	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\eta K^+K^-D^{*+}\bar{D}^{*-}$	738	1	10721
3354	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0K_L\pi^+D^-\chi_{c1}$	3353	1	10722
3355	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-D^+D_1^-$	3354	1	10723
3356	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^-D^{*+}$	3355	1	10724
3357	$e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}a_1^+$	3356	1	10725
3358	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}$	3357	1	10726
3359	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega\omega K^+K^-D^{*+}\bar{D}^{*-}$	3358	1	10727
3360	$e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D_2^{*-}D_0^{*-}$	3359	1	10728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3361	$e^+e^- \to \pi^+\omega\eta'\bar{D}^{*-}\bar{D}^{*-}D_s^+$	3360	1	10729
3362	$e^+e^- \to \pi^0K^*D^+D^{*+}\bar{D}^{*-}D_s^-$	3361	1	10730
3363	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_1'^+$	3362	1	10731
3364	$e^+e^- \to \pi^+\pi^+\pi^-\omega\omega K^+K^{*-}D^-\bar{D}^{*-}D_s^{*+}$	3363	1	10732
3365	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^{*-}$	3364	1	10733
3366	$e^+e^- \to \rho^0\bar{K}^*D^+D^-\bar{D}^{*-}\bar{n}p$	3365	1	10734
3367	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	3366	1	10735
3368	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\omega\omega D^-D^{*+}\Delta^-\bar{p}$	3367	1	10736
3369	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\rho^-\bar{D}^0D_1'^+$	3368	1	10737
3370	$e^+e^- \to \pi^+\eta\eta D^+\bar{D}^{*-}\Delta^-\bar{n}$	3369	1	10738
3371	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	184	1	10739
3372	$e^+e^- \to \tau^+\nu_\tau\pi^+K^-D_1'^-\chi_{c1}$	3371	1	10740
3373	$e^+e^- \to e^+\nu_e\omega\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}$	185	1	10741
3374	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}$	15	1	10742
3375	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0\bar{K}^*D^+D^-D_s^{*-}$	3374	1	10743
3376	$e^+e^- \to e^+\nu_eK^0K^-D^{*+}D_1^-$	742	1	10744
3377	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	3376	1	10745
3378	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^-D^{*+}$	3377	1	10746
3379	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^+D^0D_s^{*-}$	3378	1	10747
3380	$e^+e^- \to \pi^-\omega K^*\eta'D^+D_s^+D_s^{*-}$	3379	1	10748
3381	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\bar{D}^{*-}D^{*0}$	3380	1	10749
3382	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	743	1	10750
3383	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	744	1	10751
3384	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^+\rho^-D^+\bar{D}^{*-}$	3383	1	10752
3385	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p}$	3384	1	10753
3386	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\eta'D^-D^{*+}$	3385	1	10754
3387	$e^+e^- \to \rho^0\rho^-K^+K^-D^+\bar{D}^{*0}n\bar{n}$	3386	1	10755
3388	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}n\bar{p}$	745	1	10756
3389	$e^+e^- \to \pi^0\pi^0\rho^-\eta K^0D^+D^{*+}\bar{D}^{*-}$	3388	1	10757
3390	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^0$	187	1	10758
3391	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Xi^0$	3390	1	10759
3392	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	3391	1	10760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3393	$e^+e^- \to \pi^+\pi^+\rho^-\rho^- K^* K^- D^{*+}\bar{D}^{*-} D_{s1}'^{+}$	747	1	10761
3394	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{D}^{*0} D_s^- D_s^{*+}$	3393	1	10762
3395	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega K^0\bar{K}^0 K^{*-} D^+\bar{D}^{*-}$	3394	1	10763
3396	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta K^0 K^0\bar{K}^*\bar{K}^*\eta' D^{*+}\bar{D}^{*-}$	3395	1	10764
3397	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega K^0 D^+ D^0\bar{D}^{*0}$	748	1	10765
3398	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^* K^{*+} D^{*+}\bar{D}^0 n\bar{n}$	749	1	10766
3399	$e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0 K^* D^+ D^-$	3398	1	10767
3400	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^- D^- D^- D_s^+$	3399	1	10768
3401	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-}$	3400	1	10769
3402	$e^+e^- \to e^+\nu_e\pi^0\pi^+ K^{*-}\bar{D}^{*-} D^0\bar{D}^{*0}$	16	1	10770
3403	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^- D^+\bar{D}^{*-}$	3402	1	10771
3404	$e^+e^- \to \pi^+\pi^- D^+\bar{D}^0 D_s^+\Delta^-\bar{p}$	3403	1	10772
3405	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^- D^{*+}$	3404	1	10773
3406	$e^+e^- \to e^-\bar{\nu}_e K^{*+}\phi D^{*+}\Sigma^-\bar{\Sigma}^0$	3405	1	10774
3407	$e^+e^- \to \pi^+\rho^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^0 D^{*0}$	3406	1	10775
3408	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega D^- D_2^{*+}$	751	1	10776
3409	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0 D^{*+} D^{*+} D_s^-$	3408	1	10777
3410	$e^+e^- \to \pi^0\rho^+ K^0\bar{D}^{*-} D^0\bar{D}^0 D^{*0}$	3409	1	10778
3411	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^+ D^- D_s^+$	3410	1	10779
3412	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+ D^0$	3411	1	10780
3413	$e^+e^- \to K^{*-} D^{*+} D_2^{*-}\bar{D}^0 D_s^+$	3412	1	10781
3414	$e^+e^- \to \rho^0 D_2^{*+} D_s^{*-}\bar{n}\Xi_c'^0$	3413	1	10782
3415	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\rho^- D^+ D_1^-$	3414	1	10783
3416	$e^+e^- \to \bar{K}^* D^{*+} n\bar{\Omega}_c^0 D_{s0}^{*-}$	3415	1	10784
3417	$e^+e^- \to e^+\nu_e\pi^0 D^+ n\bar{p} D_0^{*-}$	752	1	10785
3418	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^* K^+ K^- K^- K^{*+} D^- D^0$	3417	1	10786
3419	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^-\omega\omega D^+\bar{D}^{*-}$	3418	1	10787
3420	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\eta D^{*+}\bar{D}^{*0}$	753	1	10788
3421	$e^+e^- \to \pi^0\pi^- D^{*+}\bar{D}^0 n\bar{\Delta}^0$	754	1	10789
3422	$e^+e^- \to \pi^+\pi^-\rho^+ K^+ D^- D^- D^{*0}$	3421	1	10790
3423	$e^+e^- \to e^+\nu_e\bar{K}^0 D^-\eta_c$	3422	1	10791
3424	$e^+e^- \to e^+\nu_e\rho^+\eta\eta\bar{D}^{*-}\bar{D}^{*-}$	3423	1	10792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3425	$e^+e^- \to \pi^0\pi^+\rho^+\eta\eta\eta K^{*-}\bar{D}^{*-}$	189	1	10793
3426	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0}$	3425	1	10794
3427	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+ K^0\bar{K}^0 K^{*-} D^+\bar{D}^{*-}$	3426	1	10795
3428	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^- D^{*+}$	3427	1	10796
3429	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^+ D_s^- D_s^{*+}$	756	1	10797
3430	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^- D^+\bar{D}^{*-}$	3429	1	10798
3431	$e^+e^- \to \pi^+\eta' D^+ D^- D_{s1}'^-$	3430	1	10799
3432	$e^+e^- \to e^-\bar{\nu}_e K^* D^{*+}\chi_{c0}$	3431	1	10800
3433	$e^+e^- \to \pi^- K^{*+} D^- D^{*+} D^0$	3432	1	10801
3434	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\bar{D}^{*-} D_2^{*+} p\bar{p}$	3433	1	10802
3435	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta K^0\bar{K}^0 K^*\bar{\Delta}^+\Sigma_c^{++}$	757	1	10803
3436	$e^+e^- \to e^-\bar{\nu}_e\rho^- D^{*+} D_2^{*+}$	3435	1	10804
3437	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	3436	1	10805
3438	$e^+e^- \to e^+\nu_e\rho^- D^-\bar{D}^{*-}\bar{n}\Delta^{++}$	3437	1	10806
3439	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^{*+} D^-\bar{n}\Lambda D_0^{*+}$	3438	1	10807
3440	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^- K^0\bar{K}^* D^- D^{*0}$	3439	1	10808
3441	$e^+e^- \to \pi^-\eta K^{*-} D^+ D^+\bar{D}^{*0}$	3440	1	10809
3442	$e^+e^- \to \pi^0\pi^- K^+\bar{D}^{*-}\bar{D}^0 D^{*0} D_s^+$	3441	1	10810
3443	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\bar{K}^* D^- D_1^+$	3442	1	10811
3444	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^* D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	190	1	10812
3445	$e^+e^- \to e^+\nu_e K^{*+}\bar{\Delta}^+\Omega_c^{*0} D_0^{*-}$	3444	1	10813
3446	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\omega D^+\eta_c$	3445	1	10814
3447	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- D^- D^{*+} a_1^-$	759	1	10815
3448	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+ K^0 K^- D^- D^{*+}$	760	1	10816
3449	$e^+e^- \to K^{*+} D^+ D^- a_1^-$	3448	1	10817
3450	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\Delta^+\bar{\Xi}_c'^-$	3449	1	10818
3451	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\rho^-\bar{D}^{*-}$	3450	1	10819
3452	$e^+e^- \to \pi^- D_s^+\bar{n}\Lambda_c^+ D_1^-$	3451	1	10820
3453	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta K^+ K^- D^+\bar{D}^{*-} D_s^-$	3452	1	10821
3454	$e^+e^- \to e^-\bar{\nu}_e D^- D^{*+}\Delta^0\bar{\Sigma}^+$	3453	1	10822
3455	$e^+e^- \to K^0 K^+ D^{*+} D_s^- D_{s1}'^-$	3454	1	10823
3456	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-}$	3455	1	10824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3457	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^{*+}$	3456	1	10825
3458	$e^+e^- \to \pi^0\eta\omega D^0\bar{D}^0\bar{p}\Delta^+$	3457	1	10826
3459	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}D^{*0}$	3458	1	10827
3460	$e^+e^- \to \pi^-\rho^+\rho^-\eta K^+K^-K^{*-}D^{*+}D^{*+}\bar{D}^{*0}$	3459	1	10828
3461	$e^+e^- \to \pi^-K^*\bar{\Delta}^0\Delta^+\bar{\Lambda}_c^-\Sigma_c^{*+}$	3460	1	10829
3462	$e^+e^- \to \rho^0\pi^-\rho^-K^0\bar{K}^0K^+D^+\bar{\Delta}^-\Delta^-$	3461	1	10830
3463	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\eta\omega D^{*+}\bar{D}^{*-}$	3462	1	10831
3464	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^-D^+D^{*+}$	3463	1	10832
3465	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*-}$	3464	1	10833
3466	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^+\bar{D}^0\Delta^+\bar{\Delta}^{++}$	3465	1	10834
3467	$e^+e^- \to \pi^0\eta\eta\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}\bar{D}^{*-}$	3466	1	10835
3468	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta\omega D^-\bar{D}^{*-}D_s^{*+}$	3467	1	10836
3469	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+K^-\bar{D}^{*-}D^0\bar{D}^0$	3468	1	10837
3470	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^+K^-K^{*+}D^0$	761	1	10838
3471	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*0}$	52	1	10839
3472	$e^+e^- \to \pi^0\rho^0K^0\bar{K}^0K^{*-}D^+D^0\bar{D}^{*0}$	3471	1	10840
3473	$e^+e^- \to \omega K^{*-}p\bar{\Sigma}^{*0}\bar{\Sigma}_c^-\Xi_c^{*+}$	3472	1	10841
3474	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta D^-D^{*+}$	3473	1	10842
3475	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*-}$	3474	1	10843
3476	$e^+e^- \to \tau^+\nu_\tau\pi^0K^-D^+\bar{D}^0D_1^-$	3475	1	10844
3477	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}D^+\bar{D}^{*-}\gamma$	3476	1	10845
3478	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*-}p\bar{p}$	3477	1	10846
3479	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0K^0\bar{K}^0D^+\bar{D}^{*-}D^{*0}n\bar{n}$	763	1	10847
3480	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-}$	3479	1	10848
3481	$e^+e^- \to \pi^0\rho^0\pi^+K^-D^-D_s^{*+}\eta_c$	3480	1	10849
3482	$e^+e^- \to \rho^0\pi^-\rho^+K^0\bar{K}^*D^+\bar{D}^{*-}$	192	1	10850
3483	$e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{K}^*K^+D^-D^{*+}$	3482	1	10851
3484	$e^+e^- \to \pi^0\pi^+\omega K^0K^-D^+\bar{D}^{*-}$	3483	1	10852
3485	$e^+e^- \to \rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}a_1^-$	3484	1	10853
3486	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	3485	1	10854
3487	$e^+e^- \to \rho^+\eta\omega\omega K^*K^-D^+\bar{D}^0n\bar{p}$	765	1	10855
3488	$e^+e^- \to \pi^+K^*D^-D^{*+}\bar{D}^{*-}D^0$	766	1	10856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3489	$e^+e^- \to \pi^0\rho^0\eta K^0 K^0 \bar{D}^0 \bar{D}^0 D^{*0}$	3488	1	10857
3490	$e^+e^- \to \rho^0\rho^0\rho^+\eta D^- D^{*+} a_1^-$	3489	1	10858
3491	$e^+e^- \to \pi^0\eta\bar{K}^0 K^* K^- D^- D^{*+} D_s^+$	17	1	10859
3492	$e^+e^- \to \pi^-\omega K^{*+} D^{*+} \bar{D}^{*-} D^{*0}$	3491	1	10860
3493	$e^+e^- \to \mu^+\nu_\mu\pi^0 K^0 \bar{D}^{*-} J/\psi$	3492	1	10861
3494	$e^+e^- \to \tau^+\nu_\tau\pi^-\bar{K}^0\bar{D}^{*-} D_s^+$	3493	1	10862
3495	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	768	1	10863
3496	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+} n\bar{\Lambda}_c^-$	3495	1	10864
3497	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 K^- D^{*+}\bar{D}^{*0} D_s^{*+}$	769	1	10865
3498	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^- D^+$	3497	1	10866
3499	$e^+e^- \to \rho^0 K^{*-} D^+ D^{*+} D_{s1}'^-$	770	1	10867
3500	$e^+e^- \to e^+\nu_e\pi^-\omega K^+ K^- D^+ D_1'^-$	3499	1	10868
3501	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega\bar{K}^* K^+ D^+\bar{D}^{*-}$	3500	1	10869
3502	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 n\bar{\Xi}_c^{*0} D_1^+$	3501	1	10870
3503	$e^+e^- \to \pi^+\pi^- K^0 K^0\bar{K}^0 K^{*-} D^+ D^- D_s^+$	3502	1	10871
3504	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-\omega\omega D^+ D^{*0}$	3503	1	10872
3505	$e^+e^- \to \omega\omega K^0\bar{K}^0 D^- D^{*+}\eta_c$	3504	1	10873
3506	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-} a_1^+$	3505	1	10874
3507	$e^+e^- \to \pi^+\pi^-\rho^- K^{*+} D^+ D^-$	3506	1	10875
3508	$e^+e^- \to \pi^+\omega D^{*0}\bar{D}^{*0} D_s^{*-}\bar{n}\Delta^0$	771	1	10876
3509	$e^+e^- \to \pi^0 K^0 K^+ D^- D^{*0} n\bar{\Sigma}_c^0$	3508	1	10877
3510	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0 D^+\bar{D}^{*-}$	772	1	10878
3511	$e^+e^- \to \pi^0\rho^0\rho^-\omega\omega\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	3510	1	10879
3512	$e^+e^- \to \rho^- K^* K^{*+} K^{*-} D^{*+} D^{*0}$	3511	1	10880
3513	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^- D^+ D^- D_s^-$	3512	1	10881
3514	$e^+e^- \to \pi^0\pi^-\rho^-\omega\bar{K}^0 K^+ D^{*+}\Delta^+\bar{\Lambda}_c^-$	3513	1	10882
3515	$e^+e^- \to \pi^-\eta\omega\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^0 D_s^{*+}$	3514	1	10883
3516	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+ D^+ D_1'^-$	3515	1	10884
3517	$e^+e^- \to \rho^+ D^{*+}\bar{D}^{*-} D_{s1}'^-$	3516	1	10885
3518	$e^+e^- \to K^* K^+ D^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}_c^{*-}$	3517	1	10886
3519	$e^+e^- \to \pi^0 K_L\pi^+\pi^-\pi^-\bar{K}^0 K^* D^+ J/\psi$	3518	1	10887
3520	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^- D^{*+}\gamma$	773	1	10888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3521	$e^+e^- \to \bar{K}^0 K^* D^{*+} \bar{D}^{*-} J/\psi$	3520	1	10889
3522	$e^+e^- \to \pi^- \bar{K}^0 \bar{K}^* K^+ K^+ D^+ D^- \Delta^0 \bar{\Delta}^+$	3521	1	10890
3523	$e^+e^- \to \pi^0 D^+ D_s^{*-} J/\psi K_1^0$	194	1	10891
3524	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^- \rho^- \omega D^{*+} D_1'^-$	3523	1	10892
3525	$e^+e^- \to \pi^0 \pi^+ \rho^+ \eta \omega \omega K^0 \bar{D}^{*-} \bar{D}^{*-}$	3524	1	10893
3526	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \pi^+ \rho^+ K^* K^- \bar{D}^{*-} D_1'^+$	3525	1	10894
3527	$e^+e^- \to D^+ D^- D_s^{*-} D_{s0}^{*+}$	3526	1	10895
3528	$e^+e^- \to \pi^0 \pi^+ \rho^- K^* K^* K^{*-} D^+ D^- D^{*+}$	775	1	10896
3529	$e^+e^- \to \pi^- K^+ K^+ K^{*-} \bar{D}^{*-} D^{*0} a_1^+$	3528	1	10897
3530	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \bar{K}^0 \bar{D}^{*-} J/\psi$	3529	1	10898
3531	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^+ K^{*+} D^- \bar{D}^{*-} \gamma$	776	1	10899
3532	$e^+e^- \to \pi^0 \pi^0 \pi^- K^+ D^{*+} \bar{D}^{*-} D^{*0}$	3531	1	10900
3533	$e^+e^- \to \pi^0 \omega K^0 K^0 K^0 \bar{K}^0 K^- D^{*+} D_s^- D_s^{*+}$	3532	1	10901
3534	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- D^{*+} \bar{D}^{*-} D_s^+$	3533	1	10902
3535	$e^+e^- \to \rho^0 \pi^+ \eta \bar{K}^0 \bar{D}^{*-} J/\psi$	3534	1	10903
3536	$e^+e^- \to \pi^0 \pi^0 \rho^+ \omega \omega \bar{K}^* K^+ K^{*-} \eta' \bar{D}^{*-}$	3535	1	10904
3537	$e^+e^- \to e^+ \nu_e \pi^+ \pi^- \eta \bar{D}^{*-} D^{*0}$	3536	1	10905
3538	$e^+e^- \to e^+ \nu_e X_u^- \pi^- \eta D^{*+}$	3537	1	10906
3539	$e^+e^- \to \pi^0 \pi^+ \pi^- \eta K^- K^{*+} D^+ D^-$	3538	1	10907
3540	$e^+e^- \to \pi^+ \pi^- \bar{K}^* D^+ D^{*0} \bar{D}^{*0} a_1^-$	3539	1	10908
3541	$e^+e^- \to \pi^0 \pi^+ \pi^- \bar{K}^* K^- K^- K^{*+} D^+ J/\psi$	3540	1	10909
3542	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^+ \pi^+ \rho^- K^* K^{*-} D^+ D^-$	3541	1	10910
3543	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \rho^+ D^- D^{*+} \Delta^- \bar{\Delta}^0$	3542	1	10911
3544	$e^+e^- \to e^+ \nu_e \rho^0 \pi^- D^{*+} D_1'^-$	3543	1	10912
3545	$e^+e^- \to e^- \bar{\nu}_e X_u^+ \pi^0 \pi^+ \pi^- D^- \bar{n} p$	3544	1	10913
3546	$e^+e^- \to \rho^+ \rho^+ \rho^- \eta K^0 K^0 K^- D^+ D^-$	3545	1	10914
3547	$e^+e^- \to \rho^0 \pi^+ \rho^- \rho^- D^- D^{*+} D_{s1}'^+ \gamma$	3546	1	10915
3548	$e^+e^- \to e^- \bar{\nu}_e \rho^+ \omega K^+ K^- D^- D^{*+}$	3547	1	10916
3549	$e^+e^- \to \pi^0 \rho^0 \pi^- \bar{K}^0 K^+ \eta' D^+ \bar{D}^{*-} \Sigma^+ \bar{\Sigma}^-$	3548	1	10917
3550	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^- K^0 D^+ \eta_c$	3549	1	10918
3551	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \omega K^+ K^- \phi D^+ D_s^-$	777	1	10919
3552	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \rho^+ \eta \omega \bar{D}^{*-} \bar{n} \Xi_c'^0$	3551	1	10920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3553	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega\omega D^-D^{*+}$	3552	1	10921
3554	$e^+e^- \to \rho^-\bar{D}^{*0}\bar{n}\Delta^0\bar{\Delta}^+\Sigma_c^{++}\gamma$	778	1	10922
3555	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	3554	1	10923
3556	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-}$	3555	1	10924
3557	$e^+e^- \to \pi^-\rho^-\bar{K}^*K^+D^+\bar{D}^{*-}D_{s1}'^+$	3556	1	10925
3558	$e^+e^- \to \eta\omega K^0K^{*-}D^{*+}D_s^+D_1'^-$	3557	1	10926
3559	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta K^*D^+D^{*+}$	3558	1	10927
3560	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}D_s^+$	3559	1	10928
3561	$e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}a_1^+$	3560	1	10929
3562	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega K^0K^{*-}D^+D_1^-$	3561	1	10930
3563	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^+\bar{D}^{*-}$	3562	1	10931
3564	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta' D^-D^{*+}$	3563	1	10932
3565	$e^+e^- \to K^*D^+D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	195	1	10933
3566	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\omega D^{*+}\bar{D}^0$	3565	1	10934
3567	$e^+e^- \to \pi^0\rho^0\rho^-D^+D^{*+}p\bar{\Delta}^{++}$	3566	1	10935
3568	$e^+e^- \to \pi^0\bar{D}^{*0}n\bar{n}\bar{\Delta}^0\Sigma_c^{*0}$	3567	1	10936
3569	$e^+e^- \to \pi^-K^0\bar{K}^*D^{*0}\bar{D}^{*0}D_s^+$	3568	1	10937
3570	$e^+e^- \to \pi^-K^0\eta' D^+D^0\bar{D}^{*0}$	3569	1	10938
3571	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}\bar{p}\Delta^+$	780	1	10939
3572	$e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-}D^{*0}D_s^-$	3571	1	10940
3573	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^-D^{*+}$	3572	1	10941
3574	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+D_{s1}'^-$	3573	1	10942
3575	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}$	3574	1	10943
3576	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}\bar{D}^{*0}$	3575	1	10944
3577	$e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}a_1^+$	3576	1	10945
3578	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+K^0\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	3577	1	10946
3579	$e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D_s^+p\bar{\Delta}^{++}$	3578	1	10947
3580	$e^+e^- \to e^+\nu_e\pi^0\pi^-D^+\bar{D}^{*-}p\bar{p}$	3579	1	10948
3581	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\gamma$	3580	1	10949
3582	$e^+e^- \to \mu^+\nu_\mu\pi^0D^+D^-\Xi^-\bar{\Xi}^0$	3581	1	10950
3583	$e^+e^- \to \rho^-D^{*+}\bar{D}^0\bar{n}\Delta^0$	781	1	10951
3584	$e^+e^- \to \pi^-\eta'\bar{\Delta}^0\Delta^+\Lambda_c^+\bar{\Sigma}_c^-$	3583	1	10952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3585	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+$	3584	1	10953
3586	$e^+e^- \to \pi^0\pi^-\eta D^{*0}\bar{D}^{*0}D_s^{*+}\Delta^0\bar{\Delta}^0$	196	1	10954
3587	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^-K^{*+}D^+D^-$	783	1	10955
3588	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\eta\omega D^{*+}\bar{D}^{*-}$	3587	1	10956
3589	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+D^+D^0$	3588	1	10957
3590	$e^+e^- \to \pi^-D^+\bar{D}^0D_s^{*+}\Delta^-\bar{\Delta}^0$	3589	1	10958
3591	$e^+e^- \to \pi^0\pi^-\omega K^*K^*\bar{K}^*D^+D^+\bar{D}^{*-}$	3590	1	10959
3592	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^-K^{*+}\eta'D^+D^{*+}$	3591	1	10960
3593	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^+D^{*0}\bar{D}^{*0}$	3592	1	10961
3594	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^+D_s^-$	3593	1	10962
3595	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega K^0D^+\bar{D}^{*-}D^0$	3594	1	10963
3596	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^{*0}$	3595	1	10964
3597	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\bar{K}^0D^-D^0\bar{D}^{*0}$	3596	1	10965
3598	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta\omega\eta'D^-D^0$	3597	1	10966
3599	$e^+e^- \to \pi^0\eta K^0K^0K^-D^+D^{*+}\bar{D}^{*-}$	3598	1	10967
3600	$e^+e^- \to \rho^0\rho^0\rho^+\eta\bar{K}^0D^-J/\psi$	3599	1	10968
3601	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	3600	1	10969
3602	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	3601	1	10970
3603	$e^+e^- \to \pi^-\rho^-K^0\bar{K}^0\bar{K}^0K^*K^+D^{*+}\psi'$	3602	1	10971
3604	$e^+e^- \to \pi^+\rho^+K^-D^0\bar{D}^0D_s^{*-}$	3603	1	10972
3605	$e^+e^- \to \pi^0\pi^-\omega K^*K^{*+}D_s^-\bar{\Delta}^-\Sigma_c^{*0}$	784	1	10973
3606	$e^+e^- \to e^+\nu_e\eta K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	3605	1	10974
3607	$e^+e^- \to \pi^+\pi^+K^0K^+K^-\bar{D}^{*-}\bar{D}^{*-}D^0$	3606	1	10975
3608	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{K}^*D^-\bar{D}^{*-}D^{*0}$	785	1	10976
3609	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^*D^0D^0D_s^{*-}\gamma$	3608	1	10977
3610	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0\bar{K}^*K^+K^{*-}$	3609	1	10978
3611	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\omega D^-D^0$	786	1	10979
3612	$e^+e^- \to \rho^0\pi^+\omega\bar{D}^{*-}D^0n\bar{n}$	197	1	10980
3613	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-K^0\bar{K}^0D^+D^-$	3612	1	10981
3614	$e^+e^- \to \omega\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}\bar{\Sigma}^+\Lambda$	3613	1	10982
3615	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}D_s^-$	3614	1	10983
3616	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}$	3615	1	10984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3617	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^+D^-D_{s1}'^+$	3616	1	10985
3618	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega D^+D^{*+}$	3617	1	10986
3619	$e^+e^- \to \mu^+\nu_\mu\omega D^+\bar{D}^{*-}n\bar{p}$	3618	1	10987
3620	$e^+e^- \to e^+\nu_e\rho^+\eta K^+K^-K^-\bar{D}^{*-}$	3619	1	10988
3621	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\phi D^+D^-D_s^-$	3620	1	10989
3622	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^-K^{*+}K^{*-}\bar{D}^{*-}D^0$	788	1	10990
3623	$e^+e^- \to K^*D^+D^-D^{*+}\Delta^-\bar{\Delta}^0$	3622	1	10991
3624	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\eta\eta K^0K^+D^{*+}D_s^{*-}$	3623	1	10992
3625	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-D^-D^{*+}p\bar{p}$	3624	1	10993
3626	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-\bar{D}^{*-}\psi(3770)$	3625	1	10994
3627	$e^+e^- \to \pi^+\rho^-\eta K^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	3626	1	10995
3628	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+D^-D^{*+}$	3627	1	10996
3629	$e^+e^- \to \pi^-\bar{K}^0K^+D^-D^{*+}\bar{D}^0D^{*0}$	3628	1	10997
3630	$e^+e^- \to K^0K^0K^{*-}D^+D^+D^-$	3629	1	10998
3631	$e^+e^- \to \pi^-K^0D^+\bar{D}^{*-}D_{s1}'^+$	3630	1	10999
3632	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0D^-\eta_c(2S)$	3631	1	11000
3633	$e^+e^- \to \pi^0\pi^0K^0K^{*-}D^{*+}\bar{\Delta}^+\Sigma_c^{*+}$	3632	1	11001
3634	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\omega\bar{K}^0D^-D^{*+}$	3633	1	11002
3635	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	789	1	11003
3636	$e^+e^- \to \bar{K}^0\eta_cK_1^0\psi'$	3635	1	11004
3637	$e^+e^- \to \bar{K}^0\bar{K}^*K^+K^-D^+\bar{D}^{*-}$	3636	1	11005
3638	$e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{n}p$	3637	1	11006
3639	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0K^*\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	3638	1	11007
3640	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	198	1	11008
3641	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^0$	199	1	11009
3642	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^-K^0D^+\bar{D}^{*0}$	3641	1	11010
3643	$e^+e^- \to \pi^-\eta D^+D^-D^{*+}$	3642	1	11011
3644	$e^+e^- \to \eta K^0K^-D^{*+}D_2^{*-}D_s^{*+}$	3643	1	11012
3645	$e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^+D_1'^+$	3644	1	11013
3646	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-D^{*+}$	3645	1	11014
3647	$e^+e^- \to \bar{K}^0D^-D^-D^{*+}\bar{\Delta}^+\Delta^{++}$	792	1	11015
3648	$e^+e^- \to \pi^0\rho^0\eta\bar{K}^0D^+D^-\Delta^+\bar{\Sigma}_c^-$	3647	1	11016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3649	$e^+e^- \to \omega\bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma_c^{*+}$	3648	1	11017
3650	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	3649	1	11018
3651	$e^+e^- \to \rho^0\rho^+\rho^+\rho^-\bar{K}^*D^-J/\psi$	793	1	11019
3652	$e^+e^- \to e^+\nu_e\pi^-\eta D^{*+}\bar{D}^{*-}p\bar{p}$	3651	1	11020
3653	$e^+e^- \to \pi^-\pi^-\eta K^0\eta' D^+D^+\bar{D}^{*0}$	3652	1	11021
3654	$e^+e^- \to \pi^+\bar{D}^{*-}D^{*0}D_s^{*-}a_1^+$	3653	1	11022
3655	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^0$	3654	1	11023
3656	$e^+e^- \to \pi^-\eta\eta\bar{K}^0D^+D^+D^-$	3655	1	11024
3657	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^-D^{*+}p\bar{p}$	794	1	11025
3658	$e^+e^- \to \pi^0\pi^+K^+\bar{D}^{*-}D^{*0}n\bar{n}\Delta^0\bar{\Delta}^+$	3657	1	11026
3659	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0\eta' D^-D_s^+D_s^-$	3658	1	11027
3660	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0\bar{K}^*K^{*-}D^{*+}D_s^+$	3659	1	11028
3661	$e^+e^- \to e^+\nu_e\pi^0\pi^-D^+\bar{D}^{*-}n\bar{n}$	3660	1	11029
3662	$e^+e^- \to e^+\nu_e\pi^-\pi^-\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	3661	1	11030
3663	$e^+e^- \to \pi^-K^0K^-D^{*+}D^{*+}\bar{D}^0\bar{D}^{*0}$	3662	1	11031
3664	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^0K^-D^{*+}\bar{D}^{*-}$	3663	1	11032
3665	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\eta D^-D_1'^-$	3664	1	11033
3666	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0K^-\bar{D}^{*-}D^{*0}$	3665	1	11034
3667	$e^+e^- \to \rho^0\rho^+\bar{K}^0D^-\psi'$	3666	1	11035
3668	$e^+e^- \to \pi^-\rho^+\omega K^+K^-D^+\bar{D}^{*-}$	3667	1	11036
3669	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega K^*D^{*0}\psi'$	795	1	11037
3670	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-\omega D^+D^{*+}$	3669	1	11038
3671	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^-D^{*+}D_1^+$	3670	1	11039
3672	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\bar{D}^{*-}\Delta^0\bar{\Lambda}_c^-$	3671	1	11040
3673	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^{*+}\Lambda\bar{\Sigma}_c^-$	3672	1	11041
3674	$e^+e^- \to \rho^-\rho^-\bar{D}^{*0}D_s^{*+}D_1'^+$	3673	1	11042
3675	$e^+e^- \to \pi^+\rho^-\omega\omega K^0D^-D^{*+}$	3674	1	11043
3676	$e^+e^- \to e^+\nu_e\pi^+K^0\bar{K}^0K^-\bar{D}^{*-}$	3675	1	11044
3677	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+D^-$	3676	1	11045
3678	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\eta D^-D^-$	3677	1	11046
3679	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega D^+\bar{D}^{*-}$	3678	1	11047
3680	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-n\bar{n}$	3679	1	11048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3681	$e^+e^- \to \rho^0 K^0 K^* D^0 J/\psi$	3680	1	11049
3682	$e^+e^- \to \mu^+\nu_\mu \pi^0 \rho^0 \pi^- \eta D^+ D_1^-$	3681	1	11050
3683	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ \rho^+ \omega D^-$	3682	1	11051
3684	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-\eta D^+ \bar{D}^{*-}$	3683	1	11052
3685	$e^+e^- \to \pi^+ D^- D_2^{*+} D_s^- \Delta^+ \bar{\Delta}^+$	796	1	11053
3686	$e^+e^- \to e^-\bar{\nu}_e \pi^0 \rho^0 \omega \bar{K}^* K^+ D^{*+} \bar{D}^{*-}$	3685	1	11054
3687	$e^+e^- \to e^-\bar{\nu}_e \pi^0 \pi^0 \pi^+ \eta \bar{D}^{*-} D_1'^+$	3686	1	11055
3688	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^{*+} \bar{D}^0 \bar{p} \Delta^+$	3687	1	11056
3689	$e^+e^- \to e^+\nu_e \pi^0 \pi^- D^+ D^- \bar{\Sigma}^+ \Sigma^-$	3688	1	11057
3690	$e^+e^- \to e^-\bar{\nu}_e \pi^+ K^{*-} D^+ D^- D_1'^+$	3689	1	11058
3691	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^- \bar{K}^0 D^+ D^- D^-$	797	1	11059
3692	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\eta\eta K^{*-} D^0 D^{*0} D_s^-$	3691	1	11060
3693	$e^+e^- \to \tau^+\nu_\tau \omega K^* K^- D^{*+} D_1'^-$	3692	1	11061
3694	$e^+e^- \to \pi^+\pi^-\rho^- K^+ K^{*-} D^+ \bar{D}^{*-} D_{s1}'^+$	200	1	11062
3695	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^0 \bar{D}^{*0} D_s^-$	3694	1	11063
3696	$e^+e^- \to e^+\nu_e \pi^+\pi^+\pi^-\pi^- \bar{K}^0 \bar{D}^{*-} \chi_{c2}$	3695	1	11064
3697	$e^+e^- \to \pi^- K_2^{*0} K^{*+} D^{*0} \bar{D}^{*0} J/\psi$	3696	1	11065
3698	$e^+e^- \to \pi^0\pi^0 D^+ \bar{D}^{*-} D_s^{*-} a_1^+$	799	1	11066
3699	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta \bar{K}^0 K^- K^{*+} D^+ D^-$	3698	1	11067
3700	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^+ K^+ K^- D^+ \bar{D}^{*-} D^{*0}$	3699	1	11068
3701	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^- D^{*+}$	3700	1	11069
3702	$e^+e^- \to \pi^+\rho^+ \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^{*0}$	201	1	11070
3703	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta D^- D^{*+}$	3702	1	11071
3704	$e^+e^- \to \pi^0\rho^0\rho^0\rho^- D^+ \bar{D}^{*-} a_1^+$	54	1	11072
3705	$e^+e^- \to D^- D^0 D_s^+ \bar{n} \Lambda$	3704	1	11073
3706	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega \bar{K}^0 \bar{D}^{*-} D^{*0}$	3705	1	11074
3707	$e^+e^- \to \pi^+\pi^+\pi^-\eta \bar{K}^* D^- D^- D^{*+}$	802	1	11075
3708	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^- D_2^{*+} D_s^-$	3707	1	11076
3709	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega \bar{D}^{*-} D_s^- D_1'^+$	3708	1	11077
3710	$e^+e^- \to \rho^+ K^0 D^- D^{*0}$	3709	1	11078
3711	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^- \bar{K}^0 K^* D^+ D^-$	3710	1	11079
3712	$e^+e^- \to \pi^+\omega\omega K^{*-} D^- D_s^+$	3711	1	11080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3713	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+D^+D^-\bar{n}\Lambda$	3712	1	11081
3714	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+$	3713	1	11082
3715	$e^+e^- \to K^*K^-D^{*+}\bar{D}^{*0}J/\psi$	803	1	11083
3716	$e^+e^- \to D_2^{*-}D_s^{*+}D_s^{*+}D_1'^-$	3715	1	11084
3717	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^{*+}\eta'D^+\bar{D}^{*-}$	3716	1	11085
3718	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\gamma$	3717	1	11086
3719	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_2^{*-}$	3718	1	11087
3720	$e^+e^- \to \tau^+\nu_\tau\pi^0K^0K^-D^+D^-$	3719	1	11088
3721	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D^+\bar{D}^{*0}$	3720	1	11089
3722	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	3721	1	11090
3723	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^-D^{*+}\bar{n}p$	3722	1	11091
3724	$e^+e^- \to \rho^0\rho^+D^-\Delta^+\bar{\Xi}_c^-$	3723	1	11092
3725	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^-D^{*+}\bar{D}^{*-}D_s^{*+}$	3724	1	11093
3726	$e^+e^- \to \rho^0\rho^+\eta K^0\bar{K}^*D^+\bar{D}^{*-}D_s^-$	3725	1	11094
3727	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^*K^-\eta'D^+\bar{D}^{*-}$	3726	1	11095
3728	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^*K^{*-}D^+\bar{D}^{*-}$	3727	1	11096
3729	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}$	804	1	11097
3730	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}a_1^+\gamma$	3729	1	11098
3731	$e^+e^- \to \pi^0\pi^-K^*D^+D^{*+}\bar{D}^{*-}$	3730	1	11099
3732	$e^+e^- \to e^+\nu_e\bar{K}^0D^-\bar{\Delta}^0\Sigma_c^0$	3731	1	11100
3733	$e^+e^- \to e^+\nu_eX_u^-\pi^0\bar{K}^0\bar{K}^0\Delta^0\bar{\Lambda}$	805	1	11101
3734	$e^+e^- \to \pi^-\eta K^*D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Xi_c^0$	3733	1	11102
3735	$e^+e^- \to \rho^+\eta K^-D^-D^{*+}\bar{D}^0$	3734	1	11103
3736	$e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}a_1^+$	3735	1	11104
3737	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0\bar{D}^{*-}\chi_{c1}$	3736	1	11105
3738	$e^+e^- \to \pi^0\rho^+D^+D^-D_s^{*-}$	3737	1	11106
3739	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^+\rho^-D^-D^-\bar{\Sigma}^+\Sigma^-$	806	1	11107
3740	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^0K^+K^-D^+D^{*+}\bar{D}^{*-}$	3739	1	11108
3741	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	3740	1	11109
3742	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^0\bar{K}^*K^{*+}\Delta^+\bar{\Sigma}_c^-$	203	1	11110
3743	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	3742	1	11111
3744	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-\omega D^+D^+$	3743	1	11112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3745	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-D^-D^-$	3744	1	11113
3746	$e^+e^- \to e^-\bar{\nu}_e D^{*+}D^0 p\bar{\Delta}^+$	3745	1	11114
3747	$e^+e^- \to e^+\nu_e\pi^+ n\bar{\Xi}_c'^- D_0^{*-}$	3746	1	11115
3748	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0K^*K^+K^-\bar{D}^{*-}D^{*0}$	3747	1	11116
3749	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}$	3748	1	11117
3750	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^+D_s^+D_1^-$	3749	1	11118
3751	$e^+e^- \to \rho^0\pi^-D^-D^{*+}\bar{\Lambda}\Lambda_c^+$	3750	1	11119
3752	$e^+e^- \to \pi^0\rho^0\pi^-K^+D^+D^-\bar{\Delta}^0\Sigma_c^0$	3751	1	11120
3753	$e^+e^- \to \pi^0\pi^0\pi^0K^0K^*D^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c'^+$	3752	1	11121
3754	$e^+e^- \to \pi^0\pi^0\pi^+D^0D_s^{*-}\Delta^+\bar{\Xi}_c^{*-}$	55	1	11122
3755	$e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	3754	1	11123
3756	$e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}D^0p\bar{\Delta}^+$	3755	1	11124
3757	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	3756	1	11125
3758	$e^+e^- \to \pi^+\pi^-K^0D^{*+}D_s^{*-}\chi_{c1}$	809	1	11126
3759	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^-D^{*+}$	3758	1	11127
3760	$e^+e^- \to \rho^0D^+J/\psi\Sigma^-\bar{\Lambda}K_1^0$	3759	1	11128
3761	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+D^-$	3760	1	11129
3762	$e^+e^- \to \rho^0\pi^+K^0D^-D^{*+}D^0D_{s1}'^-$	3761	1	11130
3763	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^*K^-D^+\bar{D}^{*0}$	3762	1	11131
3764	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^0$	810	1	11132
3765	$e^+e^- \to \pi^-\pi^-\rho^+\eta\omega\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}D^0$	3764	1	11133
3766	$e^+e^- \to \pi^0\pi^-\rho^-D^+\bar{D}^0D_s^{*+}$	3765	1	11134
3767	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}\gamma$	3766	1	11135
3768	$e^+e^- \to \pi^0\pi^-\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0}$	811	1	11136
3769	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\rho^-\omega D^+D_2^{*+}$	3768	1	11137
3770	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+D_0^{*-}$	3769	1	11138
3771	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+p\bar{\Lambda}_c^-$	205	1	11139
3772	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\eta\eta K^{*-}D^-D^0$	3771	1	11140
3773	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\rho^-\eta D^+D^0$	813	1	11141
3774	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^+p\bar{\Sigma}_c^-$	3773	1	11142
3775	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^{*+}D_1^-$	206	1	11143
3776	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega K^{*+}\bar{D}^{*-}D_2^{*-}$	3775	1	11144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3777	$e^+e^- \to \pi^-\omega K^- K^{*+}\eta_c\bar{\Delta}^+\Sigma_c^{++}$	3776	1	11145
3778	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*-}D_s^+$	3777	1	11146
3779	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+D^-$	3778	1	11147
3780	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0\bar{K}^*\bar{D}^{*-}D^0D^{*0}$	3779	1	11148
3781	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-$	3780	1	11149
3782	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^-$	815	1	11150
3783	$e^+e^- \to \pi^+K^*\bar{K}^*\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	3782	1	11151
3784	$e^+e^- \to \rho^0\pi^-\rho^+\eta K^0\bar{K}^*K^{*-}D^+D^0$	816	1	11152
3785	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^-\bar{D}^{*-}\bar{D}^{*0}D_s^+$	3784	1	11153
3786	$e^+e^- \to \rho^-\eta K^0K^+K^-D^+D^+\bar{D}^{*-}$	817	1	11154
3787	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	3786	1	11155
3788	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta\bar{K}^0K^+K^-D^-D_s^+$	3787	1	11156
3789	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta D^+D_1^-$	818	1	11157
3790	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_{s1}'^+$	3789	1	11158
3791	$e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}D^{*+}n\bar{p}$	3790	1	11159
3792	$e^+e^- \to \rho^0\pi^-\omega\omega K^{*+}D^-D^{*+}D^0$	3791	1	11160
3793	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0D^+D^-\bar{D}^{*-}$	3792	1	11161
3794	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+D^+D^-$	819	1	11162
3795	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^0K^0K^-K^{*-}D^-D^{*+}$	3794	1	11163
3796	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\eta K^+D^-D^0D^0$	3795	1	11164
3797	$e^+e^- \to \pi^0\pi^0\eta\bar{K}^*D^-D_s^{*+}J/\psi$	3796	1	11165
3798	$e^+e^- \to \pi^+K^0K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^0$	3797	1	11166
3799	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-K^0\bar{K}^0D^+D^-$	3798	1	11167
3800	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+D^-D^{*0}$	3799	1	11168
3801	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n$	3800	1	11169
3802	$e^+e^- \to K^*D^{*0}\bar{D}^{*0}J/\psi\bar{K}_1^0$	3801	1	11170
3803	$e^+e^- \to e^+\nu_e\pi^0\eta D^-D^{*+}n\bar{\Delta}^+$	3802	1	11171
3804	$e^+e^- \to \pi^0\pi^0\pi^0\omega K^0K^{*-}D^{*+}K_0^0$	3803	1	11172
3805	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^0a_1^-\gamma$	3804	1	11173
3806	$e^+e^- \to \pi^+\pi^-K^0K^-D^+\bar{D}^{*-}a_1^+$	3805	1	11174
3807	$e^+e^- \to \pi^0\pi^0\rho^-K^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D^{*0}$	3806	1	11175
3808	$e^+e^- \to \pi^-\omega\bar{n}p\bar{\Sigma}_c^{*0}\Xi_c'^0$	3807	1	11176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3809	$e^+e^- \to \pi^-\pi^-\bar{D}^0 D_s^+ \bar{\Delta}^+ \Sigma_c^{*++}$	820	1	11177
3810	$e^+e^- \to \pi^+\pi^-\bar{D}^0 D_s^{*+} \bar{p}\Xi_c'^0$	3809	1	11178
3811	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^* K^+ D^+ D^-$	3810	1	11179
3812	$e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^* D^- D^{*+}\bar{D}^{*-}$	3811	1	11180
3813	$e^+e^- \to K_S\bar{D}^{*-} D_s^{*+} J/\psi$	3812	1	11181
3814	$e^+e^- \to \pi^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{p}\Sigma_c^0$	3813	1	11182
3815	$e^+e^- \to \pi^- K^0 D^{*+} D^{*+}\bar{D}^{*-}$	821	1	11183
3816	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^- K^+ D^{*+}\bar{D}^{*-} D^0$	822	1	11184
3817	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\eta' D^- J/\psi$	3816	1	11185
3818	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta\eta' D^{*+}\bar{D}^{*-}$	823	1	11186
3819	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^- K^*\bar{K}^* D^+ D^-$	3818	1	11187
3820	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ K^*\Delta^+\bar{\Sigma}_c^-$	3819	1	11188
3821	$e^+e^- \to K^* D^+ D^+\bar{D}^{*-} a_1^-$	3820	1	11189
3822	$e^+e^- \to \pi^+\omega K^* D^- D^{*+} D_s^{*-}$	3821	1	11190
3823	$e^+e^- \to e^-\bar{\nu}_e D^+ D^{*+}\Lambda\bar{\Lambda}_c^-$	3822	1	11191
3824	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta K^+ D^{*+}$	3823	1	11192
3825	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^-$	3824	1	11193
3826	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ D^- D^{*+} D_{s1}'^-$	3825	1	11194
3827	$e^+e^- \to \pi^0\rho^0\pi^+\rho^- D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	824	1	11195
3828	$e^+e^- \to e^+\nu_e\rho^+\rho^-\bar{K}^0 K^+ D^- D^-$	3827	1	11196
3829	$e^+e^- \to \rho^-\eta K^0\bar{K}^0\bar{K}^0 K^+ D^- D^{*+}\gamma\gamma$	3828	1	11197
3830	$e^+e^- \to \pi^0\pi^-\pi^- K^{*+} D^{*+} J/\psi$	1	1	11198
3831	$e^+e^- \to \pi^-\eta\bar{K}^0 K^+ D^+ D^-$	3830	1	11199
3832	$e^+e^- \to \pi^+\pi^-\eta\bar{D}^{*-}\bar{\Delta}^-\Delta^0\bar{p}\Lambda_c^+$	3831	1	11200
3833	$e^+e^- \to \pi^0\pi^-\omega\omega D^+\bar{D}^{*-}\bar{n}p$	826	1	11201
3834	$e^+e^- \to \pi^0\pi^0\pi^0 K^0 K^- D^+ D^{*+}\bar{D}^{*-}\bar{D}^0$	3833	1	11202
3835	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta D^- D^{*+} D_s^{*-}$	3834	1	11203
3836	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+ D^-\bar{n}p$	3835	1	11204
3837	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^* K^+ D^- D^{*+}$	3836	1	11205
3838	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\eta K^0 D^{*+}\bar{D}^0$	3837	1	11206
3839	$e^+e^- \to e^+\nu_e\bar{D}^{*-} D^0\bar{\Delta}^+\Sigma^+$	3838	1	11207
3840	$e^+e^- \to \mu^+\nu_\mu D_s^+ D_1^- D_1^-$	3839	1	11208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3841	$e^+e^- \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma^-$	3840	1	11209
3842	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}\Delta^-\bar{n}$	827	1	11210
3843	$e^+e^- \to \rho^0\pi^+K^+K^-\bar{D}^{*-}\bar{D}^0$	3842	1	11211
3844	$e^+e^- \to \pi^-K^*K^-D^+\bar{D}^0D_s^{*+}$	208	1	11212
3845	$e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^{*+}\Sigma^0\bar{\Sigma}^0D_0^{*-}$	3844	1	11213
3846	$e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	3845	1	11214
3847	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}\bar{D}^0D^{*0}$	3846	1	11215
3848	$e^+e^- \to \pi^0\pi^0\pi^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	3847	1	11216
3849	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^-D^{*+}D^{*+}$	3848	1	11217
3850	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\omega\omega D^+\bar{D}^0\bar{\Sigma}^0\Sigma^+$	3849	1	11218
3851	$e^+e^- \to \pi^0D^+D^{*+}\bar{D}^{*-}D_s^-$	3850	1	11219
3852	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^{*+}\Sigma^-\bar{\Xi}_c^0$	3851	1	11220
3853	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0K^0K^{*-}D^{*+}\bar{D}^{*0}$	3852	1	11221
3854	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta K^*K^-D^-D^{*0}$	3853	1	11222
3855	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\eta\bar{K}^*D^+D^{*0}$	3854	1	11223
3856	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}J/\psi$	829	1	11224
3857	$e^+e^- \to \pi^0\omega\bar{K}^0K^*D^+\bar{D}^{*-}\eta_c$	3856	1	11225
3858	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-K^+D^+D^{*+}\bar{D}^{*0}$	3857	1	11226
3859	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0\bar{K}^0D^-\bar{D}^{*-}D_s^{*+}$	3858	1	11227
3860	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*0}n\bar{\Sigma}^0D_1'^-$	3859	1	11228
3861	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^*K^+K^+K^{*-}K^{*-}J/\psi$	3860	1	11229
3862	$e^+e^- \to \rho^-\omega\bar{n}\bar{\Delta}^+\Sigma_c^+\Sigma_c^+$	3861	1	11230
3863	$e^+e^- \to \pi^0\pi^-\eta\eta\omega\omega\omega K^+D^+D_s^{*-}$	3862	1	11231
3864	$e^+e^- \to \rho^0K^0K^+D^-D^{*+}\bar{D}^{*-}D^0$	830	1	11232
3865	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-}\bar{\Delta}^-n$	3864	1	11233
3866	$e^+e^- \to \pi^-\eta\omega D^+\bar{D}^{*-}D_s^{*+}$	3865	1	11234
3867	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+D^-D_{s0}^{*+}$	3866	1	11235
3868	$e^+e^- \to e^+\nu_e\rho^0\rho^+\rho^-\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}$	3867	1	11236
3869	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-}\gamma$	3868	1	11237
3870	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\eta D^-D_s^{*+}\bar{\Delta}^+\Sigma^{*-}$	3869	1	11238
3871	$e^+e^- \to \pi^-\rho^+\omega K^-K^{*+}D^-D^{*+}\bar{D}^0$	831	1	11239
3872	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*0}$	57	1	11240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3873	$e^+e^- \to e^+\nu_e D^- D^0 \Delta^+ \bar{\Delta}^+$	3872	1	11241
3874	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^- D^{*+} D^0$	3873	1	11242
3875	$e^+e^- \to e^-\bar{\nu}_e \eta D^+ D^+ D_s^-$	833	1	11243
3876	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\rho^-\omega D^0 D_1'^+$	210	1	11244
3877	$e^+e^- \to \pi^0\pi^0\rho^+\omega D^- D^{*+} a_1^-$	3876	1	11245
3878	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+ K^- D^+ \bar{D}^{*-}$	3877	1	11246
3879	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^- \bar{D}^0 \bar{\Delta}^+ \Sigma_c^{++}$	3878	1	11247
3880	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K^* D^{*+} \bar{D}^{*-} D^{*0}$	835	1	11248
3881	$e^+e^- \to \pi^0\rho^0\pi^+ K^0 K^* D^- D^0 \eta_c$	836	1	11249
3882	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta K^- D^{*+} \bar{D}^{*-} \bar{D}^0$	837	1	11250
3883	$e^+e^- \to \tau^+\nu_\tau \rho^0\rho^0\rho^0\rho^- D^{*+} \bar{D}^{*-}$	3882	1	11251
3884	$e^+e^- \to \tau^+\nu_\tau \pi^0\pi^-\eta D^{*+} \bar{D}^{*-}$	838	1	11252
3885	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^+ D^{*+} n\bar{n}$	3884	1	11253
3886	$e^+e^- \to e^-\bar{\nu}_e \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+ \bar{D}^{*-} D_1'^+$	3885	1	11254
3887	$e^+e^- \to \pi^0\pi^+\eta \bar{D}^{*-} n\bar{n} \bar{\Delta}^0 \Sigma_c^0$	3886	1	11255
3888	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-} \bar{D}^{*-}$	3887	1	11256
3889	$e^+e^- \to \bar{K}^0 K^- D^- \bar{D}^0 D_s^{*+} D_s^{*+}$	3888	1	11257
3890	$e^+e^- \to e^+\nu_e \pi^0\rho^0\rho^+ K^0 D^- \bar{D}^{*-}$	3889	1	11258
3891	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0\pi^+ K^+ K^- \eta' D^{*+} \bar{D}^{*-}$	3890	1	11259
3892	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^- K^0 K^{*-} D^+ n\bar{\Xi}_c'^-$	3891	1	11260
3893	$e^+e^- \to K^0 D^- D^{*+} D_s^{*+} \bar{p}\Lambda$	3892	1	11261
3894	$e^+e^- \to e^-\bar{\nu}_e \eta D^+ n\bar{\Xi}_c'^0$	3893	1	11262
3895	$e^+e^- \to \pi^+ K^0 K^{*-} \bar{D}^0 D^{*0} \eta_c$	3894	1	11263
3896	$e^+e^- \to \pi^0\pi^+\pi^- K^0 K^0 K^- K^- D^+ D^+$	839	1	11264
3897	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^- K^- D^{*+} D^{*+} \bar{D}^0$	840	1	11265
3898	$e^+e^- \to \pi^-\rho^+ \bar{D}^{*-} D^0 D_s^{*+}$	3897	1	11266
3899	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^+ D^+ \bar{D}^{*-} \bar{p}\Sigma_c^+$	3898	1	11267
3900	$e^+e^- \to \omega\bar{K}^0 D^- D^- D^{*+} \bar{\Delta}^0 \Delta^+$	841	1	11268
3901	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^0 D^{*+} \bar{D}^0 D^{*0}$	842	1	11269
3902	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta \bar{K}^0 K^+ D^- D^{*+}$	3901	1	11270
3903	$e^+e^- \to \pi^0\rho^0\pi^-\eta \bar{K}^* K^{*+} D^+ \bar{D}^{*-}$	3902	1	11271
3904	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta\eta' D^- D^{*+}$	3903	1	11272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3905	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\rho^-K^{*+}D^+D^{*0}$	843	1	11273
3906	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^-\omega\bar{K}^0K^*K^+D^{*+}\bar{D}^0$	3905	1	11274
3907	$e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-\bar{D}^0D_s^+D_1^-$	3906	1	11275
3908	$e^+e^- \to \pi^0\pi^+\bar{K}^*K^+K^-D^-D^-D^{*+}$	3907	1	11276
3909	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}$	3908	1	11277
3910	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^0D^+D^-D^{*+}$	3909	1	11278
3911	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	3910	1	11279
3912	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-D^{*+}\bar{D}^0$	3911	1	11280
3913	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{D}^{*-}\bar{n}pD_1^+$	3912	1	11281
3914	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*-}D_{s0}^{*+}$	844	1	11282
3915	$e^+e^- \to \mu^+\nu_\mu K^*K^-D^{*+}\bar{D}^{*-}$	211	1	11283
3916	$e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-}$	3915	1	11284
3917	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega\bar{D}^0D^{*0}D_s^{*+}$	3916	1	11285
3918	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0D^-D_s^{*+}J/\psi$	3917	1	11286
3919	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+D^+D^{*+}\bar{D}^{*-}$	3918	1	11287
3920	$e^+e^- \to \pi^0\pi^-K^*D^0\bar{D}^0\bar{D}^{*0}D_s^{*+}$	3919	1	11288
3921	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^0D_2^{*+}\bar{D}^{*0}D_s^{*-}$	3920	1	11289
3922	$e^+e^- \to \rho^-D^{*+}D_s^{*-}\bar{n}\Sigma_c^+$	3921	1	11290
3923	$e^+e^- \to \pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+}$	3922	1	11291
3924	$e^+e^- \to K^0D^+D^-D^-\bar{\Delta}^0p$	3923	1	11292
3925	$e^+e^- \to D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0a_1^-$	3924	1	11293
3926	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0K^{*+}\phi D^{*+}D_s^-$	3925	1	11294
3927	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-}D^0$	3926	1	11295
3928	$e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^*K^-K^{*+}D^+D^-$	846	1	11296
3929	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	3928	1	11297
3930	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^-D^{*+}$	3929	1	11298
3931	$e^+e^- \to \omega\omega\omega\bar{K}^0\bar{D}^0\eta_c$	3930	1	11299
3932	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*K^+D^+D^-$	3931	1	11300
3933	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	3932	1	11301
3934	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^-D^+D^-\bar{D}^{*0}$	3933	1	11302
3935	$e^+e^- \to \rho^+K_S\bar{K}^*D^-\psi'$	3934	1	11303
3936	$e^+e^- \to \tau^+\nu_\tau D^{*0}n\bar{n}D_1^-\gamma$	3935	1	11304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3937	$e^+e^- \to \pi^+\pi^-K^0D^{*+}J/\psi D'^-_{s1}$	3936	1	11305
3938	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}D^{*-}_s$	3937	1	11306
3939	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^-D^+D^+$	3938	1	11307
3940	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\Delta^0\bar{\Sigma}^0_c$	3939	1	11308
3941	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+K^{*+}D^+D^-\bar{D}^{*-}$	3940	1	11309
3942	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-D^+D^+$	3941	1	11310
3943	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-D^-D^{*+}_2D^{*-}_s$	3942	1	11311
3944	$e^+e^- \to \pi^+\rho^-K^+K^-D^+D^-$	3943	1	11312
3945	$e^+e^- \to \pi^-\eta K^0\bar{K}^0K^*K^+K^-D^+\eta_c$	3944	1	11313
3946	$e^+e^- \to \pi^+\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-}$	3945	1	11314
3947	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^{*+}D^{*+}a^-_1$	847	1	11315
3948	$e^+e^- \to K^-K^{*-}D^+D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	212	1	11316
3949	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\eta D^+D^-$	3948	1	11317
3950	$e^+e^- \to \pi^+\rho^-\omega\omega\omega D^{*+}\bar{D}^{*-}$	3949	1	11318
3951	$e^+e^- \to \rho^-K^+D^+\bar{D}^{*-}D^{*0}$	3950	1	11319
3952	$e^+e^- \to K^0\bar{K}^*D^{*+}\bar{D}^{*-}\chi_{c1}$	3951	1	11320
3953	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^-D^+$	3952	1	11321
3954	$e^+e^- \to \rho^0\rho^+D^{*+}n\bar{p}\bar{\Delta}^{++}\Sigma^+_c$	3953	1	11322
3955	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\bar{K}^*\bar{D}^{*-}$	3954	1	11323
3956	$e^+e^- \to \rho^-\bar{K}^0D^0\bar{D}^0\bar{n}\Sigma^+_c$	3955	1	11324
3957	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0K^*D^+D^-D^{*-}_s$	3956	1	11325
3958	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	3957	1	11326
3959	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta D^+\Delta^0\bar{\Delta}^+$	58	1	11327
3960	$e^+e^- \to \pi^0\rho^0\pi^-\eta\omega K^+D^{*+}\bar{D}^{*-}D^0$	3959	1	11328
3961	$e^+e^- \to \pi^0\pi^+\pi^-K^+K^-\eta_c\chi_{c2}$	850	1	11329
3962	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^*D^{*+}$	851	1	11330
3963	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}D^{*-}_{s0}$	3962	1	11331
3964	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+D^-\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	3963	1	11332
3965	$e^+e^- \to \pi^+\pi^-\rho^+D^+D^-D^{*-}_sp\bar{p}$	3964	1	11333
3966	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\eta K^*K^{*-}D^-\bar{D}^{*-}$	214	1	11334
3967	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^-D^{*+}$	3966	1	11335
3968	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Sigma^0_c$	3967	1	11336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
3969	$e^+e^- \to \pi^+\rho^-\rho^-K^-D^+D^{*+}\bar{D}^{*0}$	3968	1	11337
3970	$e^+e^- \to \tau^+\nu_\tau\pi^-D^+D^-p\bar{p}$	3969	1	11338
3971	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\omega D^+D^-p\bar{p}$	853	1	11339
3972	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^+D^0$	3971	1	11340
3973	$e^+e^- \to \pi^0\pi^-\rho^-\omega K^+D^+\bar{D}^0D^{*0}$	3972	1	11341
3974	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+D^{*+}D_s^{*-}$	215	1	11342
3975	$e^+e^- \to \pi^0\pi^+\eta\omega K^-\bar{D}^{*-}D_s^{*+}J/\psi$	3974	1	11343
3976	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^+D^-D^{*+}$	3975	1	11344
3977	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^-D^{*+}\bar{D}^{*-}$	855	1	11345
3978	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*-}$	3977	1	11346
3979	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-\omega D^+D^-$	856	1	11347
3980	$e^+e^- \to \tau^+\nu_\tau D^+D_s^{*-}D_1^-$	3979	1	11348
3981	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^*K^+D^-\bar{D}^{*-}$	3980	1	11349
3982	$e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma$	3981	1	11350
3983	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	3982	1	11351
3984	$e^+e^- \to \pi^+\pi^+\rho^-K^-K^-D^+D^0\bar{D}^0\bar{D}^{*0}$	3983	1	11352
3985	$e^+e^- \to \rho^-K^*K^+K^-K^-D^{*+}D^{*+}$	3984	1	11353
3986	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^-D^{*+}$	3985	1	11354
3987	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^+\bar{D}^{*-}$	3986	1	11355
3988	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+$	3987	1	11356
3989	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\eta' D^0D^{*0}$	3988	1	11357
3990	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^+\bar{D}^{*-}$	3989	1	11358
3991	$e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}pa_1^+$	3990	1	11359
3992	$e^+e^- \to D^+D^-D^{*+}a_1^-$	3991	1	11360
3993	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^*D^{*+}D^{*+}\bar{D}^{*-}$	3992	1	11361
3994	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^+K^-D^+D^-D_s^+$	3993	1	11362
3995	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}$	857	1	11363
3996	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*D^-p\bar{\Sigma}^+$	3995	1	11364
3997	$e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}\bar{n}\Lambda$	3996	1	11365
3998	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^0$	3997	1	11366
3999	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0n\bar{n}$	3998	1	11367
4000	$e^+e^- \to \pi^0\pi^-K^*D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	3999	1	11368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4001	$e^+e^- \to e^+\nu_e\pi^-\omega K^+K^-\phi D^+D^-$	4000	1	11369
4002	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta' D^+D^{*+}\Sigma^{*-}\bar{\Lambda}$	858	1	11370
4003	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^{*+}D^{*+}a_0^0$	859	1	11371
4004	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+\rho^-D^-D^{*+}$	4003	1	11372
4005	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}$	4004	1	11373
4006	$e^+e^- \to \pi^+\eta K^{*-}D^+D^-\bar{D}^0$	4005	1	11374
4007	$e^+e^- \to \pi^-K^0\bar{K}^*D^-D^{*+}D^{*+}$	860	1	11375
4008	$e^+e^- \to \bar{K}^0K^+\phi D^-D^{*0}J/\psi$	4007	1	11376
4009	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*0}n\bar{n}$	4008	1	11377
4010	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}$	59	1	11378
4011	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta D^+D^{*+}$	4010	1	11379
4012	$e^+e^- \to \rho^0\pi^-\omega K^0\eta' D^+J/\psi$	4011	1	11380
4013	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega\bar{K}^0K^{*+}D^+D^-$	4012	1	11381
4014	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta D^{*+}D_2^{*-}$	217	1	11382
4015	$e^+e^- \to \pi^0\rho^0D^{*+}D_s^{*-}\Sigma^+\bar{\Sigma}^-$	4014	1	11383
4016	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-D^{*+}D_1^-$	4015	1	11384
4017	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^-K^{*+}\bar{D}^{*-}D^{*0}$	4016	1	11385
4018	$e^+e^- \to D_2^{*-}D_s^+D_s^-D_1^+$	218	1	11386
4019	$e^+e^- \to e^-\bar{\nu}_e\rho^-\bar{K}^0K^*\eta' D^+D^{*+}$	4018	1	11387
4020	$e^+e^- \to \rho^0\pi^-\pi^-\eta K^{*+}D^{*+}D_s^+D_s^-$	219	1	11388
4021	$e^+e^- \to \pi^0\pi^-\eta\omega K^0D^-D^{*+}D^{*+}$	4020	1	11389
4022	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta K^+K^-D^+\bar{D}^{*-}$	4021	1	11390
4023	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-$	4022	1	11391
4024	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\rho^-D^{*+}\bar{D}^{*0}$	4023	1	11392
4025	$e^+e^- \to \pi^+\pi^+\rho^+K^0K^-D_s^-\Delta^0\bar{\Sigma}_c^{*-}$	4024	1	11393
4026	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\eta_cD_1'^-$	220	1	11394
4027	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}$	60	1	11395
4028	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta D^+\bar{D}^0$	4027	1	11396
4029	$e^+e^- \to D^-D_2^{*-}D_s^{*+}\bar{\Delta}^-\Delta^0$	4028	1	11397
4030	$e^+e^- \to \pi^+K^+D^-\bar{p}\Xi_c^0$	4029	1	11398
4031	$e^+e^- \to K^0\phi D^-\eta_ca_1^+$	4030	1	11399
4032	$e^+e^- \to \pi^0\pi^0\pi^0\omega D_2^{*+}\bar{D}^{*0}D_s^{*-}$	4031	1	11400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4033	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^- D^- D^{*+}\bar{D}^{*0}$	4032	1	11401
4034	$e^+e^- \to \pi^- K^0\bar{K}^0 K^+ K^{*-} D^+\bar{D}^{*0}$	4033	1	11402
4035	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-} D_{s1}'^+$	222	1	11403
4036	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- K^0\bar{K}^0 D^+ D^-$	4035	1	11404
4037	$e^+e^- \to e^-\bar{\nu}_e\pi^0 K^* K^*\bar{K}^* D^+$	4036	1	11405
4038	$e^+e^- \to \pi^0\rho^+\rho^-\eta\omega\omega\omega\omega D^- D^{*+}$	4037	1	11406
4039	$e^+e^- \to \pi^0\pi^0\rho^+ K^0\bar{K}^* D^- D^{*+} D_s^-$	4038	1	11407
4040	$e^+e^- \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-} D^{*0}$	868	1	11408
4041	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\eta\omega\bar{D}^{*-} D^{*0}$	4040	1	11409
4042	$e^+e^- \to \bar{K}^* K^+ D^+\bar{D}^{*-} D_s^{*-}$	4041	1	11410
4043	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^+ K^+ K^- D^- D^{*+}$	4042	1	11411
4044	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\omega K^0 K^{*-} D^+\bar{D}^{*-}$	869	1	11412
4045	$e^+e^- \to \pi^0\bar{K}^0 K^+ D^{*+}\bar{D}^{*-} D_s^-$	870	1	11413
4046	$e^+e^- \to D^{*+} D_2^{*-} D_s^{*+}\Delta^-\bar{\Delta}^0$	4045	1	11414
4047	$e^+e^- \to \rho^0\pi^+\rho^-\eta K^- D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	4046	1	11415
4048	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^* D^+ J/\psi\Delta^+\bar{\Delta}^{++}$	871	1	11416
4049	$e^+e^- \to \pi^+\rho^-\eta K^0\bar{K}^0\bar{K}^*\bar{D}^{*-} D^0 D_s^{*+}$	4048	1	11417
4050	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^+\eta\omega D^-$	4049	1	11418
4051	$e^+e^- \to e^+\nu_e\eta\omega\bar{D}^{*-} D^0$	4050	1	11419
4052	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta K^+ K^- D^+ D^+ D_s^-$	4051	1	11420
4053	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega\bar{K}^0 K^+ D^+ D^-$	4052	1	11421
4054	$e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0 K^{*+} D^- D^0 D^0$	4053	1	11422
4055	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^+ K^{*-} D^- D^{*+}$	872	1	11423
4056	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^* K^{*-} D^+\bar{D}^{*-}$	4055	1	11424
4057	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^{*+} K^{*-} D^-$	4056	1	11425
4058	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+}$	4057	1	11426
4059	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^0 K^{*-} D^+\bar{D}^{*-}$	4058	1	11427
4060	$e^+e^- \to \pi^0\pi^+ K^- D^+ D^-\chi_{c1}$	873	1	11428
4061	$e^+e^- \to e^+\nu_e\pi^0\eta K^0\bar{K}^0\bar{D}^{*-} D^{*0}$	4060	1	11429
4062	$e^+e^- \to \pi^- K^0\bar{K}^0\bar{K}^0 D^{*+} D_s^{*+} D_s^{*-}$	874	1	11430
4063	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega D^{*+}\bar{D}^{*0}$	4062	1	11431
4064	$e^+e^- \to \pi^+\rho^- K^- K^{*+} K^{*+} D^- D^0\bar{D}^0$	4063	1	11432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4065	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^+\rho^-\omega K^0K^0K^-D^-D^-$	4064	1	11433
4066	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^*K^+\bar{D}^{*-}D^0D^0\bar{D}^{*0}$	4065	1	11434
4067	$e^+e^- \to e^-\bar{\nu}_e\phi D_2^{*+}\Sigma^-\bar{\Xi}^+$	4066	1	11435
4068	$e^+e^- \to \pi^0\eta K^{*-}D^{*+}\bar{D}^0\bar{D}^0$	4067	1	11436
4069	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-$	4068	1	11437
4070	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+}$	4069	1	11438
4071	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*0}p\bar{p}$	4070	1	11439
4072	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\rho^-D_2^{*-}\bar{D}^{*0}$	19	1	11440
4073	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\eta K^{*+}D^+J/\psi$	4072	1	11441
4074	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\eta K^0\bar{K}^*\eta'D^+D^{*+}$	4073	1	11442
4075	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-D^-\bar{\Sigma}^0\Sigma^+$	4074	1	11443
4076	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}$	4075	1	11444
4077	$e^+e^- \to K^0K^-K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}D_s^{*+}$	4076	1	11445
4078	$e^+e^- \to \pi^0\bar{K}^*\bar{D}^0D^{*0}\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	876	1	11446
4079	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D^{*0}D_s^{*+}$	4078	1	11447
4080	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0\bar{D}^{*-}\bar{\Lambda}\Sigma_c^0$	4079	1	11448
4081	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	4080	1	11449
4082	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+D^-D_s^-$	877	1	11450
4083	$e^+e^- \to \omega D^+\bar{D}^0D_s^{*-}$	878	1	11451
4084	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0D_1^-\chi_{c1}$	4083	1	11452
4085	$e^+e^- \to \pi^+\rho^+\eta K^*D^+D_s^{*-}\Delta^0\bar{\Delta}^{++}$	4084	1	11453
4086	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^{*-}\bar{D}^0D^{*0}$	4085	1	11454
4087	$e^+e^- \to \eta K^*K^-D^-D^{*+}D_{s0}^{*+}$	879	1	11455
4088	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	4087	1	11456
4089	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\omega K^-K^{*+}\bar{D}^{*-}\bar{p}\Lambda_c^+$	4088	1	11457
4090	$e^+e^- \to e^+\nu_e\eta K^{*-}D^-D_s^{*+}$	880	1	11458
4091	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^+D^-D^{*0}$	4090	1	11459
4092	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}\Delta^+\bar{\Delta}^+a_1^+$	62	1	11460
4093	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta'D^-D^{*+}$	4092	1	11461
4094	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^{*+}n\bar{p}$	4093	1	11462
4095	$e^+e^- \to \pi^+\rho^-\eta\eta K^0\bar{K}^0D^+D^-$	4094	1	11463
4096	$e^+e^- \to \rho^-K^+\bar{D}^{*-}D^0\bar{D}^{*0}D_s^+$	4095	1	11464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4097	$e^+e^- \to K_L\pi^-\eta' D^+ J/\psi$	4096	1	11465
4098	$e^+e^- \to \omega K^0\bar{K}^0 D^- D^{*+}\eta_c$	882	1	11466
4099	$e^+e^- \to \rho^+ K^- \bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma_c^+$	4098	1	11467
4100	$e^+e^- \to \rho^0\rho^0\rho^-\omega K^0 D^+ D^{*+}\bar{D}^{*-}$	4099	1	11468
4101	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 K^+ D_s^- \bar{\Delta}^+\Sigma_c^{*++}$	4100	1	11469
4102	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\eta K^0 K^- D^- D^{*+}$	4101	1	11470
4103	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+ K^0\bar{K}^* K^-\eta_c$	4102	1	11471
4104	$e^+e^- \to \mu^-\bar{\nu}_\mu K^* D^+ D^- D_1'^+$	4103	1	11472
4105	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^- D^{*+}\gamma$	4104	1	11473
4106	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+ D^+ D^-\Sigma^-\bar{\Sigma}^0$	4105	1	11474
4107	$e^+e^- \to \bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	4106	1	11475
4108	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	4107	1	11476
4109	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0} D_s^-$	4108	1	11477
4110	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^0 K^0\bar{K}^0 K^*\bar{K}^* K^- D^+\bar{D}^{*-}$	4109	1	11478
4111	$e^+e^- \to \pi^0\rho^0\pi^- K_S D^{*+}\psi'$	4110	1	11479
4112	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-} D^0$	4111	1	11480
4113	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta\eta D^+ D^-$	4112	1	11481
4114	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta D^- D^-$	4113	1	11482
4115	$e^+e^- \to \pi^0 K^*\bar{K}^* D^- D^{*+} p\bar{\Lambda}_c^-$	4114	1	11483
4116	$e^+e^- \to \pi^-\rho^+\eta\bar{K}^0 K^* K^{*+} D^- J/\psi$	4115	1	11484
4117	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^- D^- D^-$	4116	1	11485
4118	$e^+e^- \to \pi^0\omega D^+ D_s^{*-}\Delta^{++}\bar{\Sigma}_c^{*--}$	4117	1	11486
4119	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+ D^-$	4118	1	11487
4120	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^- K^+ K^- D^0\bar{D}^0 D_s^-$	4119	1	11488
4121	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^- D^{*+}$	4120	1	11489
4122	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0 D^+ D^- D^0$	4121	1	11490
4123	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^0 K^{*-} D^0 D_1'^-$	883	1	11491
4124	$e^+e^- \to \pi^0\pi^0\eta' D^{*+} D^{*+} n\bar{p} D_{s1}'^-$	4123	1	11492
4125	$e^+e^- \to K^* K^{*-} D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	4124	1	11493
4126	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+ D^{*+} a_1^-$	4125	1	11494
4127	$e^+e^- \to \rho^0\bar{K}^0\bar{D}^{*-} D_s^+ J/\psi$	4126	1	11495
4128	$e^+e^- \to \pi^+\eta K^0\bar{D}^{*-} D^{*0}\bar{D}^{*0}$	4127	1	11496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4129	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+K^*D_s^{*-}D_1^+$	4128	1	11497
4130	$e^+e^- \to \pi^+D^-D^0D_s^{*-}D_{s1}'^+$	4129	1	11498
4131	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^{*+}\bar{D}^0$	63	1	11499
4132	$e^+e^- \to \rho^+\omega D^-D^{*+}D_{s1}'^-$	4131	1	11500
4133	$e^+e^- \to D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+D_{s1}'^-$	4132	1	11501
4134	$e^+e^- \to \pi^+\omega K^0\bar{K}^*D^-D^-D^{*+}D^0$	4133	1	11502
4135	$e^+e^- \to \pi^0\rho^+\rho^-\rho^-\rho^-\eta D^+D^{*+}$	885	1	11503
4136	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}D^0$	4135	1	11504
4137	$e^+e^- \to \eta D_s^{*+}\bar{p}\Sigma_c^+D_1^-$	4136	1	11505
4138	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^*D^{*+}D_s^+D_s^-$	4137	1	11506
4139	$e^+e^- \to \pi^-\rho^+\rho^+\eta\bar{K}^*K^+K^-D^-$	4138	1	11507
4140	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^0\pi^+\bar{D}^{*-}p\bar{p}$	4139	1	11508
4141	$e^+e^- \to \pi^0\eta K^-D^{*+}\bar{D}^0\bar{D}^0$	4140	1	11509
4142	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^-D^+D_s^{*+}$	4141	1	11510
4143	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}$	4142	1	11511
4144	$e^+e^- \to \pi^+\pi^-D^-D^{*0}D_s^+\Delta^0\bar{\Delta}^0$	4143	1	11512
4145	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^{*-}D^+D^{*0}$	886	1	11513
4146	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{n}$	887	1	11514
4147	$e^+e^- \to \pi^+\pi^-\pi^-K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Sigma_c^+$	888	1	11515
4148	$e^+e^- \to \mu^+\nu_\mu\eta\omega D^-\bar{\Sigma}^0\Xi^0$	4147	1	11516
4149	$e^+e^- \to \pi^-\rho^+\omega K^-D^-D^{*+}D_s^{*+}$	4148	1	11517
4150	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\omega\bar{K}^0K^*K^-D^-$	4149	1	11518
4151	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^-D^{*+}\bar{n}p$	4150	1	11519
4152	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^{*0}\Delta^0\bar{\Delta}^0$	4151	1	11520
4153	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*-}$	889	1	11521
4154	$e^+e^- \to K^*D^{*+}D_{s0}^{*-}\psi'$	890	1	11522
4155	$e^+e^- \to \mu^+\nu_\mu D_2^{*-}J/\psi\bar{K}_1^0$	4154	1	11523
4156	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\bar{K}^0K^{*+}D^+\bar{D}^{*0}$	891	1	11524
4157	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^-\bar{D}^0D_s^+D_s^{*+}$	4156	1	11525
4158	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\omega\bar{D}^{*-}D_0^{*+}$	4157	1	11526
4159	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega K^*K^-D^+D^+$	4158	1	11527
4160	$e^+e^- \to \pi^+K^0\bar{K}^0K^*D^0D_s^-J/\psi$	892	1	11528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4161	$e^+e^- \to \pi^0\pi^0\eta' D^{*+} K_0^0 a_1^-$	4160	1	11529
4162	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^+ \bar{D}^{*-} a_1^+$	4161	1	11530
4163	$e^+e^- \to \eta K^+ \bar{D}^{*-} D^0 \bar{n} \Sigma_c^0$	4162	1	11531
4164	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+\pi^- D^+ D^{*+}$	4163	1	11532
4165	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+ D^- D^-$	893	1	11533
4166	$e^+e^- \to \mu^+\nu_\mu K^0 D^- \bar{D}^0 D^{*0}$	226	1	11534
4167	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+ K^0 K^+ K^- \eta' D^{*+} \bar{D}^{*-} D^0$	4166	1	11535
4168	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- \bar{K}^0 D^- D^{*0} \bar{D}^{*0}$	4167	1	11536
4169	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega\bar{K}^0 D^- D^- D^{*+} p\bar{p}$	4168	1	11537
4170	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0 K^+ D^{*+} \bar{D}^{*-}$	4169	1	11538
4171	$e^+e^- \to \bar{K}^* K^+ D^+ \bar{D}^{*-} a_1^- \gamma$	4170	1	11539
4172	$e^+e^- \to \pi^+\rho^- D^{*+} D_1^-$	4171	1	11540
4173	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^- D^{*0}$	4172	1	11541
4174	$e^+e^- \to \rho^0\rho^+ K^- D^+ \bar{D}^{*-} \bar{D}^0$	4173	1	11542
4175	$e^+e^- \to \pi^-\bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^0 D_s^+$	4174	1	11543
4176	$e^+e^- \to \pi^0\pi^+\rho^- D^{*+} \bar{D}^0 D_s^{*-}$	4175	1	11544
4177	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^- K^{*+} K^{*-} D^- D^{*+}$	4176	1	11545
4178	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\omega K^0 K^0 D^{*+} D_s^{*-}$	4177	1	11546
4179	$e^+e^- \to \pi^+\rho^-\omega D^{*+} \Delta^0 \bar{\Sigma}_c^{*-}$	227	1	11547
4180	$e^+e^- \to \bar{K}^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0} D_{s1}'^+$	4179	1	11548
4181	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta K^0 K^- D^+ D^-$	4180	1	11549
4182	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\omega K^0 K^- D^+ D^-$	896	1	11550
4183	$e^+e^- \to K^* K^- D^{*+} \bar{D}^0 \psi'$	897	1	11551
4184	$e^+e^- \to \eta K^0 D^+ D^0 \bar{D}^0 n\bar{p}$	4183	1	11552
4185	$e^+e^- \to \pi^0\pi^+ K^+ K^{*-} D^- \bar{D}^{*-} \bar{n} \Delta^+ \gamma$	898	1	11553
4186	$e^+e^- \to \rho^+ K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^0 p\bar{p}$	4185	1	11554
4187	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 K^* D^- D^{*+}$	4186	1	11555
4188	$e^+e^- \to \pi^0\pi^+\rho^- K^0 \bar{K}^* D^+ \bar{D}^{*-}$	4187	1	11556
4189	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 \bar{K}^0 K^- D_s^{*+} \chi_{c1}$	4188	1	11557
4190	$e^+e^- \to \rho^+\omega\bar{K}^0 D^- D^{*+} \Sigma^{*0} \bar{\Xi}_c'^-$	4189	1	11558
4191	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\pi^-\eta\omega D^{*+} D^{*+}$	4190	1	11559
4192	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0 K^* D^- D^{*+} \bar{D}^{*-}$	899	1	11560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4193	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^+D^-$	228	1	11561
4194	$e^+e^- \to K^0D^0n\bar{\Delta}^0\Sigma^{*0}\bar{\Xi}_c^{\prime 0}$	4193	1	11562
4195	$e^+e^- \to \rho^-D_s^{*+}D_1^+D_1^-$	4194	1	11563
4196	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^-K^0D^{*+}\bar{D}^{*0}$	4195	1	11564
4197	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*K^-D^{*+}\bar{D}^{*-}$	4196	1	11565
4198	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}$	4197	1	11566
4199	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	4198	1	11567
4200	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^*K^*D^{*+}$	4199	1	11568
4201	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}a_1^-$	4200	1	11569
4202	$e^+e^- \to \pi^0\rho^0\pi^-K^+\bar{D}^0D^{*0}\bar{n}\Sigma_c^0$	4201	1	11570
4203	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+D^-$	4202	1	11571
4204	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^+\bar{D}^{*-}n\bar{n}$	4203	1	11572
4205	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega K^0\bar{K}^*D^+D^{*+}$	4204	1	11573
4206	$e^+e^- \to \pi^+\pi^-\omega K^0K^{*-}D^+D^-D^{*+}$	4205	1	11574
4207	$e^+e^- \to e^-\bar{\nu}_eK^0K^+K^-D^+\bar{D}^0p\bar{p}$	4206	1	11575
4208	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*K^{*-}D^+D^{*+}$	4207	1	11576
4209	$e^+e^- \to \pi^0\pi^+\bar{K}^*K^+D^-D^{*+}\Delta^0\bar{\Delta}^{++}$	4208	1	11577
4210	$e^+e^- \to \pi^+\bar{K}^*K^-D_s^-D_s^{*+}\Delta^0\bar{\Omega}_c^{*0}$	4209	1	11578
4211	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta K^*K^-D^{*+}\bar{D}^0$	4210	1	11579
4212	$e^+e^- \to \pi^0\rho^-\omega D^-D^{*+}\bar{\Delta}^-\Delta^0$	4211	1	11580
4213	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	4212	1	11581
4214	$e^+e^- \to \rho^-\eta^\prime D^{*+}\bar{D}^0$	4213	1	11582
4215	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega\omega\omega\eta^\prime D^+\bar{D}^{*-}$	4214	1	11583
4216	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^{*+}J/\psi a_1^-$	4215	1	11584
4217	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D_2^{*+}\bar{D}^0$	4216	1	11585
4218	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*0}D_s^+$	4217	1	11586
4219	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	901	1	11587
4220	$e^+e^- \to \pi^0\rho^0\pi^-\eta\eta\omega D^+\bar{D}^{*-}D_s^{*+}$	4219	1	11588
4221	$e^+e^- \to \rho^0\rho^-\eta D^{*+}n\bar{\Xi}_c^{\prime 0}$	4220	1	11589
4222	$e^+e^- \to \bar{K}^0K^-\bar{D}^0D^{*0}p\bar{\Xi}_c^{\prime 0}$	4221	1	11590
4223	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}$	902	1	11591
4224	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^-D^{*+}$	4223	1	11592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4225	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	4224	1	11593
4226	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^{*-}D^0D^0\bar{D}^0$	4225	1	11594
4227	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-D^+D^{*+}p\bar{p}$	4226	1	11595
4228	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega D^+D_2^{*-}$	4227	1	11596
4229	$e^+e^- \to \rho^0\pi^-\rho^+K^*K^*K^-D^{*+}D^{*+}\bar{D}^{*-}$	4228	1	11597
4230	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D_1'^+$	4229	1	11598
4231	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^0K^+K^-D^{*+}\bar{D}^0$	4230	1	11599
4232	$e^+e^- \to \rho^0\rho^-\eta D^{*+}\bar{D}^{*-}D_s^{*+}$	4231	1	11600
4233	$e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^{*-}D_s^+$	4232	1	11601
4234	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^{*+}$	4233	1	11602
4235	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\omega K^{*-}D^+D_2^{*-}$	4234	1	11603
4236	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\bar{K}^*\bar{D}^{*0}J/\psi$	903	1	11604
4237	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^{*0}D_0^{*-}$	4236	1	11605
4238	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^+D^{*+}D_s^-$	4237	1	11606
4239	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}D^0D_s^{*-}$	4238	1	11607
4240	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^-D^{*+}\bar{D}^{*0}$	4239	1	11608
4241	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	4240	1	11609
4242	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^0\bar{K}^0D^-\bar{D}^{*-}$	4241	1	11610
4243	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^-D^{*+}$	4242	1	11611
4244	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	4243	1	11612
4245	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+D^-$	4244	1	11613
4246	$e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	4245	1	11614
4247	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+\eta'D^{*+}D_s^-$	4246	1	11615
4248	$e^+e^- \to \eta K^0K^+D^-D^{*+}\Lambda\bar{\Sigma}_c^-$	4247	1	11616
4249	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-}$	904	1	11617
4250	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-K^+K^+K^-K^-D^{*+}\bar{D}^{*-}$	4249	1	11618
4251	$e^+e^- \to e^-\bar{\nu}_e\rho^0\eta D^+D^-\bar{n}p$	4250	1	11619
4252	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^0K^{*-}D^{*+}\bar{D}^{*-}$	4251	1	11620
4253	$e^+e^- \to e^-\bar{\nu}_eK^*J/\psi D_1'^+$	4252	1	11621
4254	$e^+e^- \to \pi^0D^+\Delta^0\bar{\Delta}^+\Lambda_c^+\bar{\Lambda}_c^-$	4253	1	11622
4255	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^0$	4254	1	11623
4256	$e^+e^- \to \pi^0\pi^0\pi^+\omega\omega K^0D^-D^-D^{*+}$	4255	1	11624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4257	$e^+e^- \to \pi^+\eta\omega D^- D^{*0}\Delta^0\bar{\Delta}^0$	905	1	11625
4258	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	4257	1	11626
4259	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- D^{*+}$	4258	1	11627
4260	$e^+e^- \to \pi^- K^+ K^{*-} D^+\bar{D}^{*-} a_1^+$	4259	1	11628
4261	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega D^- D^{*+}$	4260	1	11629
4262	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0 K^0\bar{K}^0 K^- D^{*+}\bar{D}^{*-}$	906	1	11630
4263	$e^+e^- \to \tau^+\nu_\tau\pi^+ K^{*-}\bar{D}^{*-} D^0\bar{D}^0$	4262	1	11631
4264	$e^+e^- \to \eta D^+ D^-\bar{p}\Delta^{++} D_{s1}'^-$	907	1	11632
4265	$e^+e^- \to \bar{D}^{*-} D^{*0}\Delta^+\bar{\Delta}^+ D_{s1}'^+$	4264	1	11633
4266	$e^+e^- \to \pi^0 K^- D^+ D_s^+ n\bar{\Lambda} D_1'^-$	4265	1	11634
4267	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^0\bar{K}^* D^- D^{*+}$	4266	1	11635
4268	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^* D^+ D^{*+}\bar{D}^0$	4267	1	11636
4269	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+ D^-$	4268	1	11637
4270	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	4269	1	11638
4271	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\omega D^+\bar{D}^{*-}$	4270	1	11639
4272	$e^+e^- \to K_L\pi^+\pi^- D^+ D_s^{*-} J/\psi$	4271	1	11640
4273	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	4272	1	11641
4274	$e^+e^- \to K^0 D^- D^{*+} D^{*+}\Sigma^0\bar{\Sigma}^-$	4273	1	11642
4275	$e^+e^- \to \pi^0\rho^-\omega D^+\bar{D}^{*0} p\bar{p}$	4274	1	11643
4276	$e^+e^- \to \pi^+\bar{D}^0 D^{*0} D_s^{*-} n\bar{\Sigma}^0$	4275	1	11644
4277	$e^+e^- \to \pi^0\rho^0\rho^+ K^- D^- D^{*+}\bar{D}^{*0}$	4276	1	11645
4278	$e^+e^- \to \omega\bar{K}^0 D^+\bar{D}^{*-}\Lambda\bar{\Xi}_c^0$	4277	1	11646
4279	$e^+e^- \to \rho^0\eta\eta K^0 K^- D^+ D^- D_s^{*+}$	908	1	11647
4280	$e^+e^- \to e^+\nu_e\pi^0 D^- D_s^{*+} D_1^-$	4279	1	11648
4281	$e^+e^- \to \pi^0\pi^+ K^- D^0\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0$	4280	1	11649
4282	$e^+e^- \to D^- D_{s1}'^+\bar{X}_{sd}\gamma$	4281	1	11650
4283	$e^+e^- \to \pi^-\eta K^+ K^{*-} D^{*+}\bar{D}^0\bar{p}\Delta^+$	4282	1	11651
4284	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- D^+ D^{*+} n\bar{n}$	4283	1	11652
4285	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+ D^-$	4284	1	11653
4286	$e^+e^- \to \rho^+\rho^- K^0\bar{K}^* D^0\bar{D}^0\bar{D}^0$	909	1	11654
4287	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega\omega\bar{K}^0 D^+ D^{*+}$	4286	1	11655
4288	$e^+e^- \to \rho^0\pi^+\pi^- D^{*+} n\bar{\Xi}_c'^-$	4287	1	11656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4289	$e^+e^- \to \mu^+\nu_\mu X_u^- \pi^0\pi^- D^+ n\bar{n}$	4288	1	11657
4290	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta D^+ D^{*+}$	4289	1	11658
4291	$e^+e^- \to e^+\nu_e\rho^-\eta\eta D^- D^{*+}$	4290	1	11659
4292	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega K^0\bar{K}^* K^+ K^- D^+ D^+ \bar{D}^0$	4291	1	11660
4293	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^* K^+ D^+ D^- a_1^+$	4292	1	11661
4294	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^0 K^- D^- D^0 p\bar{\Delta}^+$	4293	1	11662
4295	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0 D^- D^{*+}\bar{D}^0$	4294	1	11663
4296	$e^+e^- \to \pi^0\omega\bar{K}^0\bar{K}^* K^+ K^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	229	1	11664
4297	$e^+e^- \to e^-\bar{\nu}_e K^{*+}\bar{D}^{*-} D^0 D_1'^+$	230	1	11665
4298	$e^+e^- \to \pi^+\pi^-\rho^-\omega\eta' D^{*+} D_s^- D_s^{*+}$	4297	1	11666
4299	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\bar{K}^* D^{*+} n\bar{\Sigma}_c^0$	4298	1	11667
4300	$e^+e^- \to \rho^0\rho^0\eta\bar{K}^0\bar{K}^0 K^+ D^- D^0$	4299	1	11668
4301	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^+\bar{D}^{*-}$	4300	1	11669
4302	$e^+e^- \to e^+\nu_e\rho^- D_1^- D_1'^+$	4301	1	11670
4303	$e^+e^- \to \pi^-\bar{K}^0 K^+ D^+ D^0\bar{D}^{*0}\Delta^-\bar{\Lambda}$	4302	1	11671
4304	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^-\phi D^-\bar{D}^0$	4303	1	11672
4305	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\omega\bar{K}^0 D^+ D_1^+$	4304	1	11673
4306	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	4305	1	11674
4307	$e^+e^- \to K^- K^{*+} D^{*+}\bar{D}^{*-} D^{*0}\Lambda\bar{\Xi}^0$	4306	1	11675
4308	$e^+e^- \to \mu^+\nu_\mu\pi^- D^{*+} p\bar{p} D_0^{*-}$	912	1	11676
4309	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta' D^+ D^-$	913	1	11677
4310	$e^+e^- \to \pi^+\pi^-\pi^- D^{*0}\Delta^+\bar{\Sigma}_c^{*0}$	4309	1	11678
4311	$e^+e^- \to \pi^0\pi^0\bar{D}^{*0} D_s^+ D_1'^-$	4310	1	11679
4312	$e^+e^- \to \pi^0\rho^0\pi^- D^{*+} D_s^{*+} D_1'^-$	4311	1	11680
4313	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^- D^{*+} D_1'^+$	4312	1	11681
4314	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\eta D^- D_2^{*+}$	4313	1	11682
4315	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0 K^- D^+\Delta^-\bar{\Lambda}$	4314	1	11683
4316	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^* D^{*+}\bar{D}^0 D^{*0}$	4315	1	11684
4317	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta D^{*+} D^{*+} D_s^-$	914	1	11685
4318	$e^+e^- \to \pi^0\rho^0\rho^+ D^- D_s^{*-} D_1'^+$	4317	1	11686
4319	$e^+e^- \to \pi^+ K^-\bar{D}^{*-} D_s^{*+} D_s^{*-} a_1^+$	915	1	11687
4320	$e^+e^- \to \rho^0\rho^- K^* K^- D^{*+} D^{*+}$	4319	1	11688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4321	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^0K^{*-}\bar{D}^{*-}D_s^{*+}$	4320	1	11689
4322	$e^+e^- \to e^-\bar{\nu}_eK^0D^+D^{*0}\bar{D}^{*0}$	4321	1	11690
4323	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega\omega\bar{K}^0D^{*+}D^{*0}$	4322	1	11691
4324	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\bar{K}^*K^-D^{*+}D_s^+$	4323	1	11692
4325	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-K^{*-}\phi D^+\bar{D}^{*-}$	4324	1	11693
4326	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^{*+}$	4325	1	11694
4327	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^0\bar{K}^*D^+\bar{D}^{*-}$	4326	1	11695
4328	$e^+e^- \to \pi^0\pi^+\eta\omega\omega D^-D^{*+}a_1^-\gamma$	4327	1	11696
4329	$e^+e^- \to \pi^0\pi^0\pi^-K^0K^{*-}D^{*+}\bar{D}^0D_s^{*+}$	4328	1	11697
4330	$e^+e^- \to K^*\bar{K}^*K^-K^-\phi D^+D^{*+}$	4329	1	11698
4331	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\rho^-K^0D^{*+}\bar{D}^{*0}$	4330	1	11699
4332	$e^+e^- \to \pi^+\pi^+K^0\bar{K}^0K^-D^+D^-\bar{D}^{*-}$	916	1	11700
4333	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0\Delta^{++}$	4332	1	11701
4334	$e^+e^- \to \rho^0K^0\eta'\eta'D^0\bar{D}^0$	231	1	11702
4335	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-K^0K^0\bar{K}^*K^{*-}D^+D^{*+}$	4334	1	11703
4336	$e^+e^- \to \pi^-\eta D^+\bar{D}^{*-}D_{s1}^+$	4335	1	11704
4337	$e^+e^- \to \pi^+K^0K^*\bar{K}^*K^{*-}D^+D^-$	918	1	11705
4338	$e^+e^- \to \pi^0\rho^0\pi^+D^+\bar{D}^{*-}\bar{D}^{*-}$	4337	1	11706
4339	$e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^+\bar{D}^0D_1^-$	919	1	11707
4340	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	4339	1	11708
4341	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{n}p$	4340	1	11709
4342	$e^+e^- \to \pi^-\rho^+\omega K^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	4341	1	11710
4343	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^0D^0D_s^-$	4342	1	11711
4344	$e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}a_1^+\gamma$	4343	1	11712
4345	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-D^-D^{*+}\bar{\Sigma}^+\Sigma^0$	4344	1	11713
4346	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-}$	4345	1	11714
4347	$e^+e^- \to \pi^0\pi^-D^-D_s^+\bar{\Delta}^-\Sigma_c^0$	4346	1	11715
4348	$e^+e^- \to \mu^+\nu_\mu K^0K^-D^+\bar{D}^{*-}p\bar{p}$	4347	1	11716
4349	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}D^{*0}$	4348	1	11717
4350	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}$	920	1	11718
4351	$e^+e^- \to \pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-}J/\psi$	4350	1	11719
4352	$e^+e^- \to e^+\nu_e\pi^+K^-K^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	4351	1	11720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4353	$e^+e^- \to \bar{K}^0 K^+ K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	4352	1	11721
4354	$e^+e^- \to D^{*+} \bar{D}^{*-} D_s^{*+} \Delta^- \bar{\Delta}^0$	4353	1	11722
4355	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega \bar{D}^{*-} \bar{D}^{*-}$	4354	1	11723
4356	$e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\omega K^* K^- \eta' D^+ \bar{D}^{*-}$	4355	1	11724
4357	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta \bar{D}^{*-} D^0$	921	1	11725
4358	$e^+e^- \to \pi^+\pi^- \bar{K}^0 \bar{K}^0 D^0 \bar{D}^0 \bar{D}^{*0}$	4357	1	11726
4359	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^- D^{*+} \bar{D}^{*-} n\bar{n}$	4358	1	11727
4360	$e^+e^- \to \mu^+\nu_\mu K^- D_2^{*-} \bar{\Delta}^0 \Lambda_c^+$	4359	1	11728
4361	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- \bar{D}^{*-} \bar{n}\Lambda_c^+$	4360	1	11729
4362	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ K^+ K^- D^+ \bar{D}^{*-}$	4361	1	11730
4363	$e^+e^- \to \mu^+\nu_\mu \bar{K}^0 \bar{D}^{*-} D^0 \bar{D}^{*0}$	4362	1	11731
4364	$e^+e^- \to \mu^+\nu_\mu\rho^- D_2^{*+} D_1^-$	4363	1	11732
4365	$e^+e^- \to e^-\bar{\nu}_e\pi^+ D^+ n\bar{\Xi}_c'^-$	4364	1	11733
4366	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\eta K^0 \bar{K}^0 D^- \bar{D}^{*-}$	232	1	11734
4367	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^- K^{*+} \bar{D}^{*-} D_1'^+$	4366	1	11735
4368	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^- D^+ D^- \Delta^{++} \bar{\Delta}^{++}$	4367	1	11736
4369	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+} \bar{D}^{*-} \bar{n}p$	4368	1	11737
4370	$e^+e^- \to \pi^0 \bar{K}^0 D^+ \bar{D}^0 D^{*0} D_s^{*-}$	4369	1	11738
4371	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+ K^* K^* K^- \bar{D}^{*-} \bar{D}^0$	4370	1	11739
4372	$e^+e^- \to \pi^0\pi^+\eta D^+ D^- \Delta^- \bar{\Delta}^0$	4371	1	11740
4373	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- \bar{K}^0 K^{*+} D^{*+} \bar{D}^{*-}$	4372	1	11741
4374	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- \bar{K}^0 K^+ D^{*+} \bar{D}^{*-} p\bar{p}$	4373	1	11742
4375	$e^+e^- \to \pi^0\pi^+ K^* K^- D^{*+} \bar{D}^{*-} \psi'$	4374	1	11743
4376	$e^+e^- \to \mu^+\nu_\mu\omega \bar{K}^0 K^+ K^- \bar{D}^{*-} D^0$	4375	1	11744
4377	$e^+e^- \to K^*\phi D^{*+} D^{*+} \bar{D}^{*-} D_s^-$	4376	1	11745
4378	$e^+e^- \to \pi^-\pi^- \bar{K}^* K^{*+} D^+ J/\psi$	4377	1	11746
4379	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta D^- D^- D_s^+$	4378	1	11747
4380	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^- D_2^{*-} D_s^{*+} \bar{n}\Lambda_c^+$	4379	1	11748
4381	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^- D^{*+} D_s^+$	4380	1	11749
4382	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ K^+ D^- D^{*0}$	923	1	11750
4383	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^- D^- \bar{D}^{*-} D_{s1}'^+$	4382	1	11751
4384	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^{*+} \bar{D}^{*-} \Delta^- \bar{\Delta}^0$	4383	1	11752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4385	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^0\Delta^0\bar{\Delta}^0$	4384	1	11753
4386	$e^+e^- \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	4385	1	11754
4387	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega D^-\Delta^0\bar{\Sigma}_c^-$	4386	1	11755
4388	$e^+e^- \to K^*K_2^{*0}J/\psi\psi'$	924	1	11756
4389	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega\bar{D}^{*-}D_1'^+$	4388	1	11757
4390	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{D}^{*-}D^0D_s^{*+}$	4389	1	11758
4391	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}\Sigma^{*-}\bar{\Sigma}^0$	4390	1	11759
4392	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta D^-D^{*+}$	4391	1	11760
4393	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\bar{p}\Delta^+$	4392	1	11761
4394	$e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-a_1^+\gamma$	4393	1	11762
4395	$e^+e^- \to K_L\pi^-\bar{D}^0D_s^{*+}\chi_{c1}$	4394	1	11763
4396	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-D^+D^{*+}$	4395	1	11764
4397	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}$	4396	1	11765
4398	$e^+e^- \to \rho^0\pi^+\omega K^*K^-D^+D^-$	4397	1	11766
4399	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\psi'$	925	1	11767
4400	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta K^{*+}\bar{D}^{*-}$	4399	1	11768
4401	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega\eta'D^+D_1'^-$	926	1	11769
4402	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta\eta K^+D^{*+}\bar{D}^0$	4401	1	11770
4403	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_{s0}^{*+}\gamma$	927	1	11771
4404	$e^+e^- \to \pi^+\eta\omega\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	928	1	11772
4405	$e^+e^- \to K^+K^-D^{*+}\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*--}$	4404	1	11773
4406	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^+D^{*+}\Delta^-\bar{n}$	4405	1	11774
4407	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*D^+D^-D^0$	4406	1	11775
4408	$e^+e^- \to \rho^+\rho^-\eta K^0\eta_c\eta_c$	4407	1	11776
4409	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0D_s^+$	4408	1	11777
4410	$e^+e^- \to \pi^0\pi^+\rho^+K^-\bar{D}^{*-}\bar{D}^0$	4409	1	11778
4411	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}J/\psi$	4410	1	11779
4412	$e^+e^- \to \bar{K}^0K^{*-}D^{*+}\bar{D}^{*0}\Delta^+\bar{\Xi}_c^-$	929	1	11780
4413	$e^+e^- \to \pi^-D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0}D_1^+$	4412	1	11781
4414	$e^+e^- \to \pi^0\pi^+\rho^-D^+\bar{\Delta}^+\Sigma_c^{*0}$	4413	1	11782
4415	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta\eta\omega D^-D^{*0}$	4414	1	11783
4416	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	4415	1	11784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4417	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	4416	1	11785
4418	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^+D^-D_s^{*-}$	4417	1	11786
4419	$e^+e^- \to \bar{K}^*\bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-}$	4418	1	11787
4420	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^0$	4419	1	11788
4421	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+D^-D^0D_s^{*-}$	4420	1	11789
4422	$e^+e^- \to \rho^0\rho^+\eta\eta K^-D^-D^{*+}\bar{D}^{*0}$	930	1	11790
4423	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*0}\bar{D}^{*0}D_1^+$	4422	1	11791
4424	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	4423	1	11792
4425	$e^+e^- \to \bar{K}^*D^+\bar{\Lambda}\Sigma_c^0a_1^-$	931	1	11793
4426	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\omega K^0\bar{K}^0\bar{K}^0D^+$	4425	1	11794
4427	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-$	4426	1	11795
4428	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	4427	1	11796
4429	$e^+e^- \to \pi^0\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}a_1^+$	4428	1	11797
4430	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}\bar{D}^{*-}$	4429	1	11798
4431	$e^+e^- \to K^*\bar{K}^*K^-D^+D^{*+}\bar{D}^{*-}$	4430	1	11799
4432	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	4431	1	11800
4433	$e^+e^- \to \rho^-K^0D^+D_2^{*+}\bar{D}^{*0}D_s^{*-}$	4432	1	11801
4434	$e^+e^- \to \pi^+\pi^+\pi^-\eta\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	4433	1	11802
4435	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+$	4434	1	11803
4436	$e^+e^- \to \eta\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	932	1	11804
4437	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^0\bar{K}^*D^+\bar{D}^{*-}$	4436	1	11805
4438	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	4437	1	11806
4439	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\Delta^+\bar{\Lambda}_c^-$	4438	1	11807
4440	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^-\eta K^0D^+D_s^-$	933	1	11808
4441	$e^+e^- \to \mu^+\nu_\mu\rho^+\eta\bar{D}^{*-}\bar{D}^0\bar{p}\Lambda$	4440	1	11809
4442	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\omega D^+D^{*+}$	4441	1	11810
4443	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}D^{*0}$	934	1	11811
4444	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0D^{*+}\bar{D}^{*0}$	4443	1	11812
4445	$e^+e^- \to \rho^+\bar{K}^0D^-a_1^0\gamma$	4444	1	11813
4446	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^*D^+D^-$	4445	1	11814
4447	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega K^+K^-D^+\bar{D}^{*-}$	935	1	11815
4448	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+K^0K^+K^-D^{*+}\bar{D}^{*0}$	4447	1	11816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4449	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega K^- K^{*+} D^{*+} \bar{D}^{*-}$	4448	1	11817
4450	$e^+e^- \to \bar{D}^{*-} D_s^+ D_s^{*+} D_1^-$	4449	1	11818
4451	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- K^0 \bar{K}^* D^+ D^-$	936	1	11819
4452	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- \bar{K}^0 K^* K^- D^+ D^+ \bar{D}^0$	4451	1	11820
4453	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+ \bar{D}^{*-} D_2^{*-}$	4452	1	11821
4454	$e^+e^- \to \pi^+\pi^- \bar{D}^0 D_s^{*+} D_s^{*-}$	4453	1	11822
4455	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 \bar{K}^0 \bar{D}^{*-} D^0$	4454	1	11823
4456	$e^+e^- \to \pi^+\pi^-\eta' D^- D^{*+}$	4455	1	11824
4457	$e^+e^- \to \pi^0\pi^0\pi^0 D^- \bar{n} \bar{\Sigma}^{*0} \Sigma^{*+} \Sigma_c^0$	4456	1	11825
4458	$e^+e^- \to e^+\nu_e\pi^-\eta K^+ K^{*-} D^+ D_1'^-$	4457	1	11826
4459	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+ K^- D^{*+} \bar{D}^{*-} \bar{D}^0$	4458	1	11827
4460	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^* K^- D^- D^0 D_{s1}'^+$	4459	1	11828
4461	$e^+e^- \to \rho^+\rho^+\rho^- \bar{K}^0 K^- \bar{D}^{*-} D_s^{*+}$	4460	1	11829
4462	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+} D^{*+}$	4461	1	11830
4463	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta' D^- D^{*+}$	4462	1	11831
4464	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^- D^{*+} \bar{D}^{*0}$	4463	1	11832
4465	$e^+e^- \to \pi^+\pi^-\rho^-\omega \bar{K}^0 K^{*+} \phi D^- D^0 \bar{p} \Delta^{++}$	937	1	11833
4466	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta' D^{*+} D^{*+}$	938	1	11834
4467	$e^+e^- \to \pi^0\pi^-\omega K^0 D^{*+} J/\psi$	4466	1	11835
4468	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega\eta' D^{*+} D_0^{*-}$	4467	1	11836
4469	$e^+e^- \to \pi^0\pi^0\pi^- D^{*+} \bar{D}^0 p\bar{p}$	4468	1	11837
4470	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+ D_2^{*+} D_s^{*-}$	939	1	11838
4471	$e^+e^- \to \pi^0\rho^+\eta\omega \bar{D}^{*-} \bar{D}^{*0} \bar{p} \Delta^+$	233	1	11839
4472	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega\omega D^{*+} D^{*+}$	4471	1	11840
4473	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+} \Delta^0 \bar{\Sigma}_c^0$	4472	1	11841
4474	$e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D^- D_0^{*-}$	4473	1	11842
4475	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^0 K^- D^+ D^{*+}$	4474	1	11843
4476	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega K^0 \bar{K}^0 D^+ D^-$	941	1	11844
4477	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^+ K^- \bar{D}^{*-}$	4476	1	11845
4478	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+ D^- \bar{D}^{*-}$	4477	1	11846
4479	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^- D^{*+} D_s^{*+}$	942	1	11847
4480	$e^+e^- \to \tau^+\nu_\tau \bar{K}^* D^+ D^- D_2^{*-}$	4479	1	11848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4481	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-}D_1^+$	4480	1	11849
4482	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-\eta\omega\omega D^+D^+$	4481	1	11850
4483	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	4482	1	11851
4484	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^-D_s^+$	4483	1	11852
4485	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*0}D_s^{*+}D_0^{*-}$	4484	1	11853
4486	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\omega D^+\bar{D}^0$	4485	1	11854
4487	$e^+e^- \to \pi^0\pi^-\rho^+K^0K^-D^+D^{*0}$	4486	1	11855
4488	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^0$	4487	1	11856
4489	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+K^{*-}D^-D^-D^0$	4488	1	11857
4490	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega\omega D^-D^{*+}$	4489	1	11858
4491	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega K^0\phi D^{*+}D^0$	4490	1	11859
4492	$e^+e^- \to \tau^+\nu_\tau K^*D^+D^-\bar{D}^{*-}$	4491	1	11860
4493	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	4492	1	11861
4494	$e^+e^- \to \pi^0\pi^+\rho^+\eta\eta K^{*-}\phi\bar{D}^{*-}D^0$	4493	1	11862
4495	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0\bar{K}^0D^+\bar{D}^{*-}$	4494	1	11863
4496	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\eta K^0\bar{K}^0\bar{K}^0D^-$	4495	1	11864
4497	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta\eta K^*K^{*-}D^+\bar{D}^{*-}$	4496	1	11865
4498	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0K^+K^-D^+\bar{D}^0\bar{D}^{*0}$	4497	1	11866
4499	$e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}D_s^+D_s^{*-}$	4498	1	11867
4500	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_s^+$	4499	1	11868
4501	$e^+e^- \to \pi^-\pi^-\eta\eta D^+D_1'^+$	4500	1	11869
4502	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\eta\omega D^+D^-$	4501	1	11870
4503	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+K^+D^{*+}\bar{D}^{*-}D^{*0}$	4502	1	11871
4504	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-K^*K^-D^+\bar{D}^{*-}$	4503	1	11872
4505	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}n\bar{n}$	4504	1	11873
4506	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^0D^+J/\psi$	4505	1	11874
4507	$e^+e^- \to \pi^+D_2^{*-}D^0D_s^{*+}D_s^{*-}$	4506	1	11875
4508	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\bar{p}\Delta^+$	943	1	11876
4509	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+D^-D^{*+}D_{s1}'^-$	4508	1	11877
4510	$e^+e^- \to \pi^-\pi^-\rho^+K^0D^+\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^0$	4509	1	11878
4511	$e^+e^- \to K^*\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-}$	4510	1	11879
4512	$e^+e^- \to \pi^-\bar{K}^0K^+\eta'D^-D^{*+}$	4511	1	11880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4513	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-D^+D_1^-$	4512	1	11881
4514	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}D^{*+}D_s^{*-}$	4513	1	11882
4515	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D^{*0}$	4514	1	11883
4516	$e^+e^- \to \mu^+\nu_\mu\eta D^+\bar{D}^{*-}\bar{\Sigma}^0\Xi^-$	4515	1	11884
4517	$e^+e^- \to \pi^0K^*K^+K^{*-}D^+\bar{D}^{*-}D^{*0}$	4516	1	11885
4518	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta K^0D^{*+}D_s^+D_s^{*-}$	4517	1	11886
4519	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	4518	1	11887
4520	$e^+e^- \to \rho^0\pi^-\omega K^*K^-D^+D^{*+}$	234	1	11888
4521	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega D^+D^-$	945	1	11889
4522	$e^+e^- \to \pi^-D^{*+}D_2^{*-}D_s^+\bar{\Sigma}^+\Sigma^-$	4521	1	11890
4523	$e^+e^- \to K^-D^+\bar{D}^0J/\psi K_1^0$	4522	1	11891
4524	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}$	4523	1	11892
4525	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D_0^{*+}$	4524	1	11893
4526	$e^+e^- \to e^-\bar{\nu}_eK^-D^{*+}\bar{D}^0D_1^+$	4525	1	11894
4527	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\omega D^{*+}\bar{D}^0$	4526	1	11895
4528	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^0\bar{D}^{*0}$	4527	1	11896
4529	$e^+e^- \to \rho^-D^+\bar{D}^{*-}\bar{\Delta}^-n\Delta^0\bar{\Delta}^0$	4528	1	11897
4530	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\eta D^-$	4529	1	11898
4531	$e^+e^- \to \rho^0\rho^0\pi^+K^0\bar{K}^0\bar{K}^*D^-\bar{D}^0D^{*0}$	4530	1	11899
4532	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+}$	4531	1	11900
4533	$e^+e^- \to \rho^0\rho^0\pi^-\rho^-K^+D^{*+}D^0\bar{D}^{*0}$	4532	1	11901
4534	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^-\eta D^{*+}D^0$	4533	1	11902
4535	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\bar{D}^{*-}D^0D_s^-$	4534	1	11903
4536	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\bar{K}^*D^-D^{*+}$	4535	1	11904
4537	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+D^-n\bar{p}$	4536	1	11905
4538	$e^+e^- \to \rho^-\omega K^*D^{*+}\Sigma^0\bar{\Sigma}_c^{*0}$	4537	1	11906
4539	$e^+e^- \to \pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}a_1^+$	4538	1	11907
4540	$e^+e^- \to \pi^0\pi^0\bar{D}^0J/\psi K_1^0$	4539	1	11908
4541	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-D^{*0}$	4540	1	11909
4542	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-\rho^-\eta\bar{K}^0K^+D^+D^{*+}$	4541	1	11910
4543	$e^+e^- \to \rho^+D^-D^0p\bar{\Delta}^+$	946	1	11911
4544	$e^+e^- \to \pi^+\rho^-\eta D^-D^{*+}$	4543	1	11912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4545	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-\bar{D}^{*-}\eta_c$	4544	1	11913
4546	$e^+e^- \to \pi^+\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	4545	1	11914
4547	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta K^-D^+D^-n\bar{\Lambda}$	4546	1	11915
4548	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}$	4547	1	11916
4549	$e^+e^- \to e^+\nu_e\bar{K}^0D_s^+D_s^{*-}D_1^-$	4548	1	11917
4550	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega D^0n\bar{n}\Delta^{++}\bar{\Delta}^{++}$	4549	1	11918
4551	$e^+e^- \to e^+\nu_e\pi^+\eta K^0\bar{D}^{*-}\bar{D}^{*-}$	4550	1	11919
4552	$e^+e^- \to \pi^0\bar{K}^0K^+\bar{D}^{*-}D^{*0}\chi_{c2}$	4551	1	11920
4553	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^{*+}K^{*-}D^+\bar{D}^{*-}$	4552	1	11921
4554	$e^+e^- \to \bar{K}^0K^-D^0\bar{D}^0\bar{\Delta}^+\Sigma_c^{++}$	4553	1	11922
4555	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^+D^-a_1^+$	4554	1	11923
4556	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0\bar{K}^0K^{*+}K^{*+}\bar{D}^0D_s^-$	947	1	11924
4557	$e^+e^- \to \pi^0\pi^0K^{*+}D^-D^{*+}D^0n\bar{p}$	4556	1	11925
4558	$e^+e^- \to \rho^-\eta D^+D^-D_{s1}'^+$	4557	1	11926
4559	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}$	4558	1	11927
4560	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^+D^-D_s^{*-}$	4559	1	11928
4561	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-\bar{K}^*K^+D^{*+}D_s^+D_1^-$	4560	1	11929
4562	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^0\bar{K}^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{n}p$	948	1	11930
4563	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	949	1	11931
4564	$e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^0D^-\bar{D}^0D_s^+$	4563	1	11932
4565	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^*K^{*-}D^{*+}D_s^+$	4564	1	11933
4566	$e^+e^- \to \pi^0\pi^+\pi^-K^+D^-D^{*+}D_s^{*-}$	950	1	11934
4567	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\eta\eta\omega\omega D^-D^-$	951	1	11935
4568	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^*D^-D^{*+}$	4567	1	11936
4569	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0K^0K^-\phi D^+\chi_{c1}$	4568	1	11937
4570	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*0}a_1^+$	4569	1	11938
4571	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}\bar{D}^{*-}\bar{n}p$	4570	1	11939
4572	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta D^+D^-\Delta^{++}\bar{\Delta}^{++}$	952	1	11940
4573	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-D^{*+}D_1^-$	4572	1	11941
4574	$e^+e^- \to \pi^+\rho^+\rho^-\omega K_SK^-D^{*0}\eta_c$	4573	1	11942
4575	$e^+e^- \to \pi^-\eta K^*\bar{K}^*\bar{K}^*K^+\bar{\Delta}^+\Sigma_c^{*+}$	4574	1	11943
4576	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-K^0\bar{K}^0D^{*+}D^{*+}$	4575	1	11944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4577	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^- D^- D^{*+} D'^-_{s1}$	4576	1	11945
4578	$e^+e^- \to \pi^+\pi^+\rho^+\rho^- K^+ K^- \eta' D^- D^-$	4577	1	11946
4579	$e^+e^- \to \pi^+\pi^-\pi^- K^+ D^- D^0 \bar{\Delta}^0 \Sigma_c^+$	4578	1	11947
4580	$e^+e^- \to \pi^0\pi^0 K^+ D^+ \bar{D}^{*-} D^0 D_s^{*-}$	4579	1	11948
4581	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta\omega D^- \bar{p}\Lambda_c^+$	4580	1	11949
4582	$e^+e^- \to \pi^0\pi^0 D^- D^{*+} D_s^+ \bar{p}\Sigma^0$	4581	1	11950
4583	$e^+e^- \to \omega\bar{K}^* D^+ D^- \bar{D}^{*-} \bar{n}p$	4582	1	11951
4584	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+} n\bar{\Sigma}_c^0$	953	1	11952
4585	$e^+e^- \to \pi^0\pi^- \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^0 D_s^+$	4584	1	11953
4586	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta' D^{*+} \bar{D}^{*-} \bar{D}^0$	954	1	11954
4587	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+ K^* K^- D^+ \bar{D}^{*-}$	4586	1	11955
4588	$e^+e^- \to \pi^+\rho^- K^+ D^+ \bar{D}^{*-} D^{*0} n\bar{p}$	4587	1	11956
4589	$e^+e^- \to \pi^+\rho^- \bar{K}^0 K^{*+} D^- D^{*+} D'^-_{s1}$	4588	1	11957
4590	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega\omega K^+ D^0 \bar{D}^{*0}$	4589	1	11958
4591	$e^+e^- \to K^0 K^- K^{*+} D^+ \bar{D}^{*-}$	955	1	11959
4592	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ \bar{D}^{*-} D^0 \bar{D}^{*0}$	4591	1	11960
4593	$e^+e^- \to \pi^+\pi^+\omega\bar{D}^{*-} D_2^{*-} D_s^{*+} n\bar{p}$	4592	1	11961
4594	$e^+e^- \to e^+\nu_e\pi^0\pi^+ \bar{D}^{*-} D^{*0} D_s^{*-}$	4593	1	11962
4595	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^- K^0 \bar{K}^0 D^{*+}$	4594	1	11963
4596	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^- D^{*0} \bar{\Lambda}\Sigma_c^+$	4595	1	11964
4597	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\eta D^+ \bar{D}^{*-}$	4596	1	11965
4598	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^0 \bar{D}^{*0} D_s^+ D_s^-$	4597	1	11966
4599	$e^+e^- \to \rho^0\pi^- \bar{K}^0 \bar{K}^0 K^* K^+ K^+ K^- D^+ \bar{D}^{*-}$	4598	1	11967
4600	$e^+e^- \to K^0 D^+ \bar{D}^{*-} D^{*0} n\bar{\Delta}^0$	4599	1	11968
4601	$e^+e^- \to \pi^+\pi^-\omega K^0 K^- D^+ \bar{D}^0$	235	1	11969
4602	$e^+e^- \to \tau^+\nu_\tau\omega\bar{D}^{*-} \Delta^0 \bar{\Sigma}_c^0$	4601	1	11970
4603	$e^+e^- \to \pi^+\pi^-\rho^+\omega\omega D^- D^{*+} D_s^-$	4602	1	11971
4604	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+ K^0 K^{*-} D^{*+} \bar{D}^{*-}$	4603	1	11972
4605	$e^+e^- \to \pi^0\rho^+ K^* K^{*-} D^- D^{*+}\gamma$	4604	1	11973
4606	$e^+e^- \to \pi^+ K^+ K^- D^- D_s^{*+} \Delta^+ \bar{\Sigma}_c^{*--}$	4605	1	11974
4607	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^- K^- K^{*+} D^+ \bar{D}^{*-}$	64	1	11975
4608	$e^+e^- \to \rho^0\pi^-\rho^- K^* D^+ D^{*+} \bar{D}^{*0}$	4607	1	11976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4609	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0K^{*+}K^{*-}D^+D^{*+}\bar{D}^{*-}\gamma$	4608	1	11977
4610	$e^+e^- \to \pi^0\bar{K}^0K^-K^{*+}D^+D^-\bar{D}^{*0}$	4609	1	11978
4611	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\omega D^-\bar{D}^{*-}$	4610	1	11979
4612	$e^+e^- \to \pi^0\pi^0\rho^-\eta\bar{K}^*K^+D^+D^-$	4611	1	11980
4613	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-K^+K^{*-}D^+\bar{D}^{*-}$	4612	1	11981
4614	$e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	4613	1	11982
4615	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*0}a_1^+$	4614	1	11983
4616	$e^+e^- \to \pi^0\omega D^-D_s^+\bar{n}\Xi_c^{\prime 0}$	4615	1	11984
4617	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^{*+}D_s^-$	4616	1	11985
4618	$e^+e^- \to \pi^-\rho^+\eta K^*K^{*-}D^{*+}D^{*+}a_1^-$	4617	1	11986
4619	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau D^{*+}D^{*+}$	237	1	11987
4620	$e^+e^- \to \rho^-\omega K^0D^+D^{*+}\bar{D}^{*-}$	4619	1	11988
4621	$e^+e^- \to \pi^0\rho^+\eta D^-D^{*+}\Delta^0\bar{\Delta}^+$	4620	1	11989
4622	$e^+e^- \to \rho^0\bar{K}^0K^{*+}D^-D^0J/\psi$	4621	1	11990
4623	$e^+e^- \to \rho^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-}\gamma$	959	1	11991
4624	$e^+e^- \to D^+D_2^{*-}D_s^+a_1^-$	4623	1	11992
4625	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^+K^*K^{*-}D^+\bar{D}^{*-}$	4624	1	11993
4626	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^{*+}D^-D^0D_s^-$	4625	1	11994
4627	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^{*+}D^+\bar{D}^{*-}\bar{n}\Sigma^-$	4626	1	11995
4628	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}\Lambda\bar{\Sigma}^-$	4627	1	11996
4629	$e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^0D^-D^0J/\psi$	4628	1	11997
4630	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{p}\Lambda_c^+$	4629	1	11998
4631	$e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+D^{*+}D_s^-$	4630	1	11999
4632	$e^+e^- \to \pi^0\pi^+K^*D^-D^{*+}D^0D_s^-$	4631	1	12000
4633	$e^+e^- \to e^+\nu_eX_u^-D_s^+\bar{n}\Sigma^-$	4632	1	12001
4634	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega K^0\bar{K}^*D^-D^0p\bar{p}$	4633	1	12002
4635	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	4634	1	12003
4636	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}D^0D_s^-$	4635	1	12004
4637	$e^+e^- \to \pi^0D^-\bar{D}^{*-}\bar{n}\bar{\Delta}^0p\Delta^+$	4636	1	12005
4638	$e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}\bar{n}p$	4637	1	12006
4639	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	960	1	12007
4640	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-K^+D^+D^{*+}\bar{D}^{*-}$	4639	1	12008

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4641	$e^+e^- \to \pi^0\pi^+\bar{K}^*K^+\bar{D}^{*-}D^0D_s^-$	4640	1	12009
4642	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^*D^+n\bar{\Sigma}_c^0$	4641	1	12010
4643	$e^+e^- \to \pi^+\rho^-K^0K^-\eta'D^0p\bar{\Sigma}_c^0$	4642	1	12011
4644	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}$	961	1	12012
4645	$e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_{s1}'^-$	962	1	12013
4646	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{\Delta}^+\Sigma_c^{*+}D_1'^-$	4645	1	12014
4647	$e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}D_s^-$	4646	1	12015
4648	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	4647	1	12016
4649	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\omega\bar{K}^*K^+D^+D^-$	4648	1	12017
4650	$e^+e^- \to \pi^+\pi^-\rho^-K^*K^+K^{*-}D^{*+}J/\psi$	4649	1	12018
4651	$e^+e^- \to K^{*-}D^{*+}D^{*+}\bar{D}^{*0}D_s^-$	4650	1	12019
4652	$e^+e^- \to \omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^+$	4651	1	12020
4653	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^{*+}$	4652	1	12021
4654	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^*D^+D^{*+}a_1^-$	963	1	12022
4655	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^-D^{*+}D^{*+}\bar{D}^{*0}$	964	1	12023
4656	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta K^*D^+D_s^{*-}$	4655	1	12024
4657	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	4656	1	12025
4658	$e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Sigma}^0$	4657	1	12026
4659	$e^+e^- \to \pi^-\rho^+\rho^-\omega D^{*+}D_s^+D_1^-$	4658	1	12027
4660	$e^+e^- \to \mu^+\nu_\mu K_L\eta'\bar{D}^{*-}$	4659	1	12028
4661	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^0\bar{D}^0\Delta^+\bar{\Sigma}_c^{--}$	4660	1	12029
4662	$e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	965	1	12030
4663	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-D^{*+}D_1^-$	4662	1	12031
4664	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+D^-D^-$	4663	1	12032
4665	$e^+e^- \to \pi^+\pi^-\rho^-\bar{\Delta}^0\bar{p}\Lambda_c^+\Xi_c'^+$	4664	1	12033
4666	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}n\bar{n}$	4665	1	12034
4667	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\omega\omega K^{*+}D^+\bar{D}^{*0}$	4666	1	12035
4668	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D_2^{*-}D_s^{*+}$	966	1	12036
4669	$e^+e^- \to \pi^0K^*D^-D_s^+\eta_c$	4668	1	12037
4670	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^{*-}D^-D^{*+}\gamma$	967	1	12038
4671	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^-K^{*+}\eta'D^+\bar{D}^{*-}$	238	1	12039
4672	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\eta'D^+D_1^+$	969	1	12040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4673	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega K^-D^+D^{*0}$	4672	1	12041
4674	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	4673	1	12042
4675	$e^+e^- \to e^+\nu_e\rho^-D^{*+}n\bar{n}D_1^-$	4674	1	12043
4676	$e^+e^- \to \pi^0\rho^+K^+K^-D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	4675	1	12044
4677	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\eta\eta K^+K^-D^{*+}\bar{D}^{*0}\bar{n}p$	4676	1	12045
4678	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+K^-D^+D^{*0}\bar{D}^{*0}$	4677	1	12046
4679	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\eta\omega\omega K^0\bar{K}^0\bar{D}^{*-}D^0$	4678	1	12047
4680	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*0}D_s^+D_0^{*-}$	4679	1	12048
4681	$e^+e^- \to \pi^+K^-D^+D^+\bar{D}^{*-}D_s^-$	970	1	12049
4682	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0D^+$	4681	1	12050
4683	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\rho^+\omega D^{*+}$	4682	1	12051
4684	$e^+e^- \to \rho^0\rho^0\pi^-\eta\omega D^-D^{*+}a_1^+$	4683	1	12052
4685	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\omega K^-\bar{D}^{*-}D^0p\bar{p}$	4684	1	12053
4686	$e^+e^- \to \pi^0\pi^-K^+D^+\bar{D}^0D^{*0}D_s^{*-}$	4685	1	12054
4687	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\eta D^-D^{*+}$	4686	1	12055
4688	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^+D^-D^{*0}$	4687	1	12056
4689	$e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^0D^+D^0\bar{D}^{*0}$	4688	1	12057
4690	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{\Delta}^+\Sigma_c^{*0}D_0^{*-}$	4689	1	12058
4691	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^+D^{*+}\bar{D}^{*-}$	4690	1	12059
4692	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta K^*D^+D^+\bar{D}^{*-}$	4691	1	12060
4693	$e^+e^- \to e^+\nu_e\rho^-\eta\eta\bar{K}^0D^-D_s^+$	4692	1	12061
4694	$e^+e^- \to \pi^+D^-D_2^{*-}D_s^{*+}p\bar{p}$	4693	1	12062
4695	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-D^+D^+D_s^{*-}$	4694	1	12063
4696	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta D^-D^{*+}$	4695	1	12064
4697	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	4696	1	12065
4698	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}$	4697	1	12066
4699	$e^+e^- \to \pi^0\pi^+\eta\omega D^-D^{*+}a_1^-$	4698	1	12067
4700	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^+K^-D^-\psi'$	4699	1	12068
4701	$e^+e^- \to \pi^0D^{*+}D_s^-\bar{p}\Sigma_c^+$	4700	1	12069
4702	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^-D^+D^-$	4701	1	12070
4703	$e^+e^- \to \pi^0\pi^+\rho^+\eta\omega\omega D^-\bar{D}^{*-}$	4702	1	12071
4704	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^-\omega D^{*+}$	239	1	12072

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4705	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^*D^{*+}D_1^-$	4704	1	12073
4706	$e^+e^- \to \pi^+\bar{K}^0K^+K^-D^-\Delta^0\bar{\Xi}_c^{*0}$	4705	1	12074
4707	$e^+e^- \to \pi^-K^*K^{*+}K^{*-}D^{*+}J/\psi$	972	1	12075
4708	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^+D^+D_s^{*-}$	4707	1	12076
4709	$e^+e^- \to e^-\bar{\nu}_eK_SD^{*+}\chi_{c1}$	4708	1	12077
4710	$e^+e^- \to \pi^0\bar{K}^0D^-D_s^{*+}\Delta^0\bar{\Xi}_c'^0$	4709	1	12078
4711	$e^+e^- \to \tau^+\nu_\tau\pi^+\omega K^0D^-\bar{D}^{*-}D^0$	4710	1	12079
4712	$e^+e^- \to \pi^-K^-K^{*+}D^+D^0\bar{D}^0\bar{D}^{*0}$	973	1	12080
4713	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-K^*K^-D^+D^-$	4712	1	12081
4714	$e^+e^- \to \pi^0\pi^0\pi^+K^+K^-K^{*-}D^-D^{*+}\bar{D}^{*0}$	4713	1	12082
4715	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\pi^+\bar{D}^{*-}D^{*0}$	4714	1	12083
4716	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0D^+\bar{D}^{*-}D_s^-$	974	1	12084
4717	$e^+e^- \to \rho^0\rho^+K^0K^-\bar{D}^0\Lambda_c^+\bar{\Lambda}_c^-$	4716	1	12085
4718	$e^+e^- \to \pi^0K^0D^+D^{*0}\bar{D}^{*0}\Delta^0\bar{\Delta}^+$	975	1	12086
4719	$e^+e^- \to \tau^+\nu_\tau\rho^+K^-\bar{D}^{*-}D^0\bar{D}^0$	4718	1	12087
4720	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\eta K^0D^{*+}\bar{D}^0$	4719	1	12088
4721	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\eta K^-D^-$	976	1	12089
4722	$e^+e^- \to \pi^0\pi^-\eta K^0D^{*+}\eta_c$	4721	1	12090
4723	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^0\pi^0D^-D^{*+}$	4722	1	12091
4724	$e^+e^- \to e^-\bar{\nu}_eK^+D_2^{*+}n\bar{\Sigma}_c^-$	4723	1	12092
4725	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	4724	1	12093
4726	$e^+e^- \to \pi^0\eta\bar{K}^0D^-D^-D^{*+}D_s^+$	4725	1	12094
4727	$e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0n\bar{n}$	4726	1	12095
4728	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-}J/\psi$	4727	1	12096
4729	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_0^{*-}$	4728	1	12097
4730	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-K^*D_1^-$	4729	1	12098
4731	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0K^+K^-D^{*+}\bar{D}^{*0}$	4730	1	12099
4732	$e^+e^- \to \pi^0\omega\omega K^0K^0K^-D^{*+}D^{*0}\bar{D}^{*0}$	977	1	12100
4733	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\Delta^-\bar{n}$	240	1	12101
4734	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^0\bar{D}^0\bar{D}^0$	4733	1	12102
4735	$e^+e^- \to \pi^-\pi^-\rho^-\bar{K}^0\bar{K}^0K^+K^+\eta'D^+\bar{D}^0$	4734	1	12103
4736	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\omega K^*K^-D^+D^-$	4735	1	12104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4737	$e^+e^- \to \pi^- D_2^{*+} \bar{D}^0 D_s^{*+} D_s^{*-}$	4736	1	12105
4738	$e^+e^- \to D^+ D^- D_s^- \bar{n} p$	4737	1	12106
4739	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \pi^+ \pi^+ \rho^- D^- D_1^+$	4738	1	12107
4740	$e^+e^- \to \pi^0 \rho^0 \pi^- \rho^- \omega K^{*+} D^+ \eta_c$	4739	1	12108
4741	$e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- \bar{K}^0 D^- \bar{D}^{*0} \Delta^- \bar{\Sigma}^+$	4740	1	12109
4742	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \bar{K}^0 D^{*+} \bar{D}^{*-}$	4741	1	12110
4743	$e^+e^- \to \rho^+ \eta \eta D^+ \bar{D}^{*-} n \bar{p}$	4742	1	12111
4744	$e^+e^- \to \rho^0 \rho^0 \pi^+ \pi^+ \rho^- \bar{K}^* \bar{D}^{*-} \eta_c$	4743	1	12112
4745	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ D^- D^{*+} D_s^-$	4744	1	12113
4746	$e^+e^- \to \pi^+ \pi^+ \pi^- \omega \eta' \bar{D}^{*-} D^{*0}$	4745	1	12114
4747	$e^+e^- \to \pi^+ \pi^- \rho^+ \rho^- \eta D^{*+} \bar{D}^{*-}$	4746	1	12115
4748	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \pi^+ \pi^- \pi^- D^- D^{*+} p \bar{p}$	65	1	12116
4749	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \eta K^* K^* \bar{K}^* K^{*-} D^+ \bar{D}^{*-}$	4748	1	12117
4750	$e^+e^- \to \pi^0 \pi^- \eta K^0 \bar{K}^* K^+ K^+ K^- D^+ \bar{D}^{*-}$	4749	1	12118
4751	$e^+e^- \to \bar{K}^* D^- D^{*+} \bar{D}^{*-} D_s^+$	4750	1	12119
4752	$e^+e^- \to \rho^+ \bar{K}^* D^- D^- D^{*+} \gamma$	4751	1	12120
4753	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \rho^- K^+ K^- K^{*+} K^{*-} D^+ D^- \bar{D}^0$	4752	1	12121
4754	$e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \pi^- \rho^+ \rho^- \omega D^+ D^{*0}$	980	1	12122
4755	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^- \eta \omega K^+ D^{*+}$	4754	1	12123
4756	$e^+e^- \to e^- \bar{\nu}_e D^+ D^{*+} n \bar{p}$	4755	1	12124
4757	$e^+e^- \to \pi^+ \pi^+ \pi^- \bar{K}^0 D^+ D^- n \bar{\Sigma}^-$	4756	1	12125
4758	$e^+e^- \to \tau^- \bar{\nu}_\tau K^0 D^- D^{*+} a_1^+$	981	1	12126
4759	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^- \eta \omega K^0 D^{*+} \bar{\Lambda} \Sigma^+$	4758	1	12127
4760	$e^+e^- \to e^+ \nu_e \pi^+ \pi^- \pi^- K^- K^{*+} D^{*+} \bar{D}^{*-}$	4759	1	12128
4761	$e^+e^- \to e^- \bar{\nu}_e \pi^+ K^* D^0 D^{*0} \bar{D}^{*0}$	982	1	12129
4762	$e^+e^- \to \rho^0 \pi^- \omega D^{*+} \bar{n} \Sigma_c^0$	4761	1	12130
4763	$e^+e^- \to \pi^0 \rho^0 \pi^+ \rho^+ D^- D^0 D_s^-$	4762	1	12131
4764	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \bar{K}^* K^+ K^- D^{*+}$	20	1	12132
4765	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \rho^+ \omega K^0 \bar{K}^* D^+ D^-$	4764	1	12133
4766	$e^+e^- \to K^* D^{*+} \bar{D}^{*-} D^0 n \bar{\Delta}^0$	4765	1	12134
4767	$e^+e^- \to e^- \bar{\nu}_e \rho^+ \eta D^+ D^-$	984	1	12135
4768	$e^+e^- \to \mu^+ \nu_\mu \rho^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- D^+ \bar{D}^{*-}$	4767	1	12136

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4769	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^-D^{*+}D^{*+}$	4768	1	12137
4770	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*0}D_s^-p\bar{p}$	4769	1	12138
4771	$e^+e^- \to \pi^-K^0K^{*+}D^+D^-D^0\bar{D}^{*0}$	4770	1	12139
4772	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^0\Sigma^0\bar{\Sigma}^0$	4771	1	12140
4773	$e^+e^- \to \pi^-\rho^+D^+D^-D_2^{*+}D_s^-$	4772	1	12141
4774	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-D^+D^+$	985	1	12142
4775	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^+D^-$	4774	1	12143
4776	$e^+e^- \to \pi^+\bar{K}^0K^+\eta'\bar{D}^{*-}D^{*0}D_s^-n\bar{n}$	4775	1	12144
4777	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta D^-D^{*+}$	4776	1	12145
4778	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\eta K^+\phi D^{*+}$	4777	1	12146
4779	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta D^-\bar{D}^{*-}$	4778	1	12147
4780	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\gamma$	4779	1	12148
4781	$e^+e^- \to \rho^-\omega K^0\bar{K}^*D^+D^{*+}a_1^-$	4780	1	12149
4782	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}$	4781	1	12150
4783	$e^+e^- \to \pi^0\pi^-K^0D^-D^{*+}D^{*+}$	986	1	12151
4784	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-K^0\bar{K}^*D^+D^-$	4783	1	12152
4785	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	4784	1	12153
4786	$e^+e^- \to \pi^-\eta\eta D^+D^-D_{s1}'^+$	4785	1	12154
4787	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\bar{K}^*K^+D^-D_2^{*+}$	4786	1	12155
4788	$e^+e^- \to \omega\omega K^*K^-D^+p\bar{\Sigma}_c^-$	4787	1	12156
4789	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*0}$	4788	1	12157
4790	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*0}D_s^+$	4789	1	12158
4791	$e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	4790	1	12159
4792	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega K^+\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Sigma}^0$	4791	1	12160
4793	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega\omega\omega D^+\bar{D}^{*-}$	4792	1	12161
4794	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-K^0\eta'D^+D^0$	987	1	12162
4795	$e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*-}D_{s1}'^+$	4794	1	12163
4796	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega D^-a_0^-$	4795	1	12164
4797	$e^+e^- \to \rho^+D_2^{*-}D_s^{*+}\bar{p}\bar{\Sigma}_c^0$	4796	1	12165
4798	$e^+e^- \to \pi^0\pi^-D^+D^-n\bar{\Delta}^0a_1^+$	4797	1	12166
4799	$e^+e^- \to \pi^0\rho^-K^*K^-D^{*+}\bar{D}^0D_s^+$	4798	1	12167
4800	$e^+e^- \to \pi^0\pi^-D^+D^-\bar{\Delta}^-n\bar{p}\Delta^+$	4799	1	12168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4801	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^-K^-\eta' D^{*+}D_s^+$	4800	1	12169
4802	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}\bar{D}^{*-}J/\psi$	4801	1	12170
4803	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}\bar{p}\Lambda$	4802	1	12171
4804	$e^+e^- \to \bar{K}^*D^+D^{*+}\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*-}$	4803	1	12172
4805	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^-D^{*+}$	988	1	12173
4806	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega D^+\bar{D}^{*-}$	4805	1	12174
4807	$e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+\Sigma^0\bar{\Sigma}^-$	4806	1	12175
4808	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega K^{*+}K^{*-}D^+D^-$	4807	1	12176
4809	$e^+e^- \to \omega\bar{K}^*D^{*0}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0$	4808	1	12177
4810	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\omega D^-D_2^{*+}$	4809	1	12178
4811	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+K^*\bar{K}^*D^+\bar{D}^{*-}$	989	1	12179
4812	$e^+e^- \to \pi^+\eta K^0\bar{K}^0K^+D^-\bar{\Delta}^+\Omega_c^{*0}$	4811	1	12180
4813	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^+\bar{D}^0$	4812	1	12181
4814	$e^+e^- \to \rho^0\rho^-\eta D^+\bar{D}^{*-}D_{s1}'^+$	990	1	12182
4815	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^{*+}D^-\bar{D}^{*-}D^{*0}$	4814	1	12183
4816	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^{*+}D^+\bar{D}^0D^{*0}$	991	1	12184
4817	$e^+e^- \to \pi^+D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^{--}$	4816	1	12185
4818	$e^+e^- \to \pi^0\pi^-\eta' D^-D^{*+}a_1^+$	4817	1	12186
4819	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*D^0\bar{D}^0D_1^-$	992	1	12187
4820	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-K^-D^+\bar{D}^{*-}$	4819	1	12188
4821	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D^-D^{*+}n\bar{n}$	4820	1	12189
4822	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^{*-}\bar{D}^{*-}D^0\bar{D}^0$	4821	1	12190
4823	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}n\bar{n}$	4822	1	12191
4824	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\bar{K}^*D^+D^-D^{*+}$	4823	1	12192
4825	$e^+e^- \to \tau^+\nu_\tau K_2^{*0}\bar{D}^{*-}J/\psi$	4824	1	12193
4826	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega\eta' D^-\bar{\Delta}^+\Sigma_c^{*+}$	4825	1	12194
4827	$e^+e^- \to \rho^-\eta K^+K^{*-}D^+D^-\bar{n}p$	4826	1	12195
4828	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0\eta'\Sigma^0\bar{\Sigma}^-$	993	1	12196
4829	$e^+e^- \to \rho^0\pi^-\pi^-K^+D^{*+}\chi_{c0}$	4828	1	12197
4830	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^{*-}D^-D^{*+}$	4829	1	12198
4831	$e^+e^- \to D^{*+}\bar{D}^0D_s^{*-}\Delta^+\bar{\Delta}^+$	4830	1	12199
4832	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D_0^{*-}D_1^-$	4831	1	12200

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4833	$e^+e^- \to \rho^-\eta K^+ D^{*+}\bar{D}^{*-}D^{*0}$	4832	1	12201
4834	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	4833	1	12202
4835	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^+K^-\bar{D}^{*-}D_1'^+$	4834	1	12203
4836	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-K^0D^+D^{*+}\bar{D}^{*-}$	243	1	12204
4837	$e^+e^- \to \bar{K}^0D^-\Lambda_c^+\bar{\Lambda}_c^-D_{s1}'^+\gamma$	4836	1	12205
4838	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+D^0D^0D_s^{*-}p\bar{\Delta}^{++}$	995	1	12206
4839	$e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	4838	1	12207
4840	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{n}\Sigma_c^0$	4839	1	12208
4841	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\omega D^-\bar{D}^{*-}$	4840	1	12209
4842	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\omega\bar{K}^*K^+D^-D^{*+}$	4841	1	12210
4843	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*0}$	4842	1	12211
4844	$e^+e^- \to \mu^+\nu_\mu\eta K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	4843	1	12212
4845	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}$	4844	1	12213
4846	$e^+e^- \to \pi^0\rho^0\rho^-\eta D^-D^{*+}D^{*+}$	4845	1	12214
4847	$e^+e^- \to \pi^0\pi^-\omega K^0D^+\eta_c\Delta^{++}\bar{\Delta}^{++}$	4846	1	12215
4848	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^0\pi^+D^{*+}D^0$	4847	1	12216
4849	$e^+e^- \to \rho^0\rho^-\bar{K}^0K^+\phi D^+\bar{D}^{*-}\bar{D}^{*0}$	244	1	12217
4850	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+D^-\bar{D}^{*-}\bar{\Lambda}\Sigma^0$	4849	1	12218
4851	$e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D^{*0}\eta_c$	4850	1	12219
4852	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1'^+D_{s1}'^+$	4851	1	12220
4853	$e^+e^- \to \mu^+\nu_\mu\eta D^+D^-n\bar{p}$	4852	1	12221
4854	$e^+e^- \to K^0K^-D^+D^0\bar{\Delta}^0\Sigma^0$	4853	1	12222
4855	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^{*-}D^+\bar{D}^{*-}$	4854	1	12223
4856	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0K^{*+}\bar{n}\Sigma_c^+$	4855	1	12224
4857	$e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}$	4856	1	12225
4858	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{K}^0D^{*+}\eta_c$	4857	1	12226
4859	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^*D^+J/\psi$	4858	1	12227
4860	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{D}^0D^{*0}D_s^{*+}$	4859	1	12228
4861	$e^+e^- \to K^0D^{*+}D_s^-D_s^{*+}D_{s1}'^-$	4860	1	12229
4862	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-$	4861	1	12230
4863	$e^+e^- \to \pi^+\rho^+\rho^+\eta K^0\bar{K}^0K^+K^-D^-\bar{D}^{*-}n\bar{p}$	997	1	12231
4864	$e^+e^- \to e^+\nu_e\pi^+\eta D^-D^0D_s^{*-}$	998	1	12232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4865	$e^+e^- \to e^-\bar{\nu}_e J/\psi K_1^0 D_1^+$	4864	1	12233
4866	$e^+e^- \to \pi^0\pi^0\pi^0\omega D^- D^{*0} D_s^+$	4865	1	12234
4867	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	4866	1	12235
4868	$e^+e^- \to \omega\bar{K}^0 D^+ D^- \bar{D}^{*-}\bar{\Delta}^0\Delta^+$	4867	1	12236
4869	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0 D^+\psi'$	999	1	12237
4870	$e^+e^- \to \pi^0 K^0 D^+ D_2^{*-} D_s^{*+} D_s^{*-}$	4869	1	12238
4871	$e^+e^- \to \pi^0\rho^0\pi^+ K_S D^-\chi_{c1}$	4870	1	12239
4872	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^{*+} D^- D^{*+} D^{*0}$	4871	1	12240
4873	$e^+e^- \to \mu^+\nu_\mu\pi^- D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	245	1	12241
4874	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega K^- K^{*+} D^{*+}\bar{D}^{*-}$	4873	1	12242
4875	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+ D^+\bar{D}^{*-} D^0$	4874	1	12243
4876	$e^+e^- \to e^+\nu_e\pi^0\pi^0\eta D^{*+}\bar{D}^{*-} n\bar{p}$	4875	1	12244
4877	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0 D^{*+} D_1^-$	4876	1	12245
4878	$e^+e^- \to \pi^+\pi^- K^0 K^* K^- D_0^{*+}$	4877	1	12246
4879	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta' D^- D^{*+}$	4878	1	12247
4880	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^- D^{*+}\bar{D}^{*-} a_1^+$	4879	1	12248
4881	$e^+e^- \to \pi^+\pi^-\eta\omega\bar{D}^{*-} D^0\bar{\Delta}^-\Delta^+\bar{\Delta}^+\Sigma^0$	4880	1	12249
4882	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+ K^- D^-\psi'$	4881	1	12250
4883	$e^+e^- \to \bar{K}^*\bar{D}^0\Delta^+\Delta^{++}\bar{\Delta}^{++}\bar{\Sigma}^{*-}$	4882	1	12251
4884	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0\eta' D^-\bar{D}^{*-} D^0$	4883	1	12252
4885	$e^+e^- \to e^+\nu_e\rho^+ K^{*-} D_2^{*-}\eta_c$	4884	1	12253
4886	$e^+e^- \to \rho^- K^{*+}\bar{D}^{*-} D^{*0}\bar{D}^{*0} D_s^{*+}$	4885	1	12254
4887	$e^+e^- \to e^+\nu_e\omega D^+\Sigma^-\bar{\Sigma}^0 D_1^-$	4886	1	12255
4888	$e^+e^- \to \rho^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-}$	4887	1	12256
4889	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta D^+ D^-$	4888	1	12257
4890	$e^+e^- \to \pi^0\rho^+\eta D^{*+}\bar{D}^{*-}\Delta^-\bar{n}\gamma$	4889	1	12258
4891	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	4890	1	12259
4892	$e^+e^- \to e^+\nu_e K^* D^+\bar{D}^{*-} D_1^-$	4891	1	12260
4893	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^- D^- D^{*+} D^{*+}$	4892	1	12261
4894	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-}\Delta^-\bar{p}$	1001	1	12262
4895	$e^+e^- \to D^+ D^- D_s^-\bar{\Delta}^-\Delta^0$	4894	1	12263
4896	$e^+e^- \to \pi^0\pi^- K^- K^{*+} K^{*+} D^+ D^- D^{*0}$	4895	1	12264

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4897	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^+D_s^-D_s^{*+}$	246	1	12265
4898	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}n\bar{n}$	4897	1	12266
4899	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_{s1}'^-$	1003	1	12267
4900	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	4899	1	12268
4901	$e^+e^- \to K^0K^-D^+\bar{D}^{*-}a_1^+$	4900	1	12269
4902	$e^+e^- \to \pi^0\rho^0\rho^+\omega D^-D^0$	4901	1	12270
4903	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta K^+K^{*-}D^+\bar{D}^{*-}$	4902	1	12271
4904	$e^+e^- \to \rho^+\rho^-D^{*+}\bar{D}^{*-}\gamma$	4903	1	12272
4905	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-\bar{D}^0$	4904	1	12273
4906	$e^+e^- \to \rho^0\rho^+\rho^-D^-\bar{\Delta}^0\Xi_c^+$	4905	1	12274
4907	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0\bar{K}^0D^{*+}D^{*+}$	4906	1	12275
4908	$e^+e^- \to \pi^+\pi^-D^-\bar{D}^0D_s^{*+}n\bar{n}$	1004	1	12276
4909	$e^+e^- \to \mu^+\nu_\mu\rho^-D^-\Delta^+\bar{\Xi}_c^0$	4908	1	12277
4910	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\eta\omega\bar{D}^{*-}D_1'^+$	4909	1	12278
4911	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-K^0\bar{K}^0D^-D^{*+}$	247	1	12279
4912	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{X}_{sd}\gamma$	248	1	12280
4913	$e^+e^- \to \pi^+\pi^-\rho^+K^*D^-D^{*+}\bar{D}^{*-}$	4912	1	12281
4914	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*0}$	1007	1	12282
4915	$e^+e^- \to \rho^0\pi^+K^0K_2^{*0}D^-J/\psi$	4914	1	12283
4916	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-D^0$	4915	1	12284
4917	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\bar{D}^{*-}D^{*0}a_1^+\gamma$	4916	1	12285
4918	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	1008	1	12286
4919	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-K^+D^{*+}$	1009	1	12287
4920	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^+D^-$	4919	1	12288
4921	$e^+e^- \to \pi^-K^0K^+K^-K^{*+}D^+\bar{D}^{*-}\eta_c$	4920	1	12289
4922	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^0$	4921	1	12290
4923	$e^+e^- \to \pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+$	4922	1	12291
4924	$e^+e^- \to \bar{K}^*D^0n\bar{n}p\bar{\Delta}^+$	4923	1	12292
4925	$e^+e^- \to \pi^-\eta\omega\omega D^+D^-D_s^+$	249	1	12293
4926	$e^+e^- \to \pi^0K^0\bar{K}^0K^*K^+D^{*+}\bar{D}^{*-}D_s^{*-}$	4925	1	12294
4927	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-D^+D^+D_s^{*-}\bar{\Sigma}^+\Sigma^{*+}\gamma$	4926	1	12295
4928	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0}$	1011	1	12296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4929	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\omega K^+K^-D^+D^{*+}$	4928	1	12297
4930	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+K^0\bar{K}^0D^-\bar{D}^0$	4929	1	12298
4931	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega K^-D^-\bar{D}^{*0}$	4930	1	12299
4932	$e^+e^- \to \omega D^{*+}D_s^-n\bar{\Sigma}_c^0$	4931	1	12300
4933	$e^+e^- \to K_LK^*D_s^-D_s^{*+}J/\psi$	250	1	12301
4934	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-\omega D^-D_1^-$	4933	1	12302
4935	$e^+e^- \to \pi^0\pi^+\pi^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	4934	1	12303
4936	$e^+e^- \to \pi^-\rho^+\eta K^0K^-D^+\bar{D}^{*-}a_1^+$	4935	1	12304
4937	$e^+e^- \to \omega\bar{K}^0K^+\bar{D}^{*-}D^{*0}\bar{n}\Delta^0$	4936	1	12305
4938	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0D^+D^-$	4937	1	12306
4939	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta K^+K^-D^+\bar{D}^{*-}D_s^+$	4938	1	12307
4940	$e^+e^- \to \pi^+\omega\bar{K}^*\eta'D^-\psi'$	4939	1	12308
4941	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	4940	1	12309
4942	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^+D^-$	4941	1	12310
4943	$e^+e^- \to \pi^+\pi^+\omega\bar{K}^*\eta'D^-D^-D^{*0}$	4942	1	12311
4944	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}$	4943	1	12312
4945	$e^+e^- \to \rho^0\pi^+\bar{D}^{*-}\bar{D}^0p\bar{\Delta}^+$	4944	1	12313
4946	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^{*-}J/\psi D_1^+$	4945	1	12314
4947	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*-}$	4946	1	12315
4948	$e^+e^- \to e^+\nu_e\pi^0\pi^0K^-\bar{D}^{*-}D^{*0}\bar{\Sigma}^0\Sigma^+$	4947	1	12316
4949	$e^+e^- \to e^+\nu_e\rho^0\pi^-\omega\bar{K}^0D^+\bar{D}^{*-}$	1013	1	12317
4950	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*0}$	4949	1	12318
4951	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega\omega D^-D^{*+}$	4950	1	12319
4952	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+}D^0\bar{p}\Lambda$	4951	1	12320
4953	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-K^0\bar{K}^*D^0\bar{D}^{*0}$	4952	1	12321
4954	$e^+e^- \to e^-\bar{\nu}_eD_2^{*-}D_s^{*+}D_1^+$	4953	1	12322
4955	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\omega K^0K^0K^+K^-D_s^{*-}$	1014	1	12323
4956	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	4955	1	12324
4957	$e^+e^- \to \pi^+\pi^-\rho^-\eta\eta'D^+D^{*+}D_s^-$	4956	1	12325
4958	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0\bar{K}^*\bar{D}^{*-}D^0$	4957	1	12326
4959	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^*\bar{K}_1^0\psi(3770)$	4958	1	12327
4960	$e^+e^- \to \rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*-}$	4959	1	12328

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4961	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}n\bar{\Xi}_c^{*-}$	4960	1	12329
4962	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{n}\Xi_c^0$	4961	1	12330
4963	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+\Delta^-\bar{\Delta}^0$	4962	1	12331
4964	$e^+e^- \to \pi^+\eta\omega\omega D^+\bar{D}^{*-}D_s^{*-}$	67	1	12332
4965	$e^+e^- \to \pi^0D_2^{*-}D_s^+\bar{\Delta}^0\Xi_c^{*0}$	4964	1	12333
4966	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+}$	4965	1	12334
4967	$e^+e^- \to \rho^-\eta D^+\bar{D}^{*-}D_{s1}'^+$	4966	1	12335
4968	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta\eta D^+D^-$	4967	1	12336
4969	$e^+e^- \to \pi^+\pi^+\pi^+\rho^+\rho^-\rho^-K^{*-}\bar{D}^{*-}D^{*0}$	1016	1	12337
4970	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\omega\bar{K}^0K^*D^+D^{*+}$	4969	1	12338
4971	$e^+e^- \to \rho^+\eta\bar{K}^0K^-D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}$	4970	1	12339
4972	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	4971	1	12340
4973	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\omega D^-D^{*0}$	4972	1	12341
4974	$e^+e^- \to \rho^0\pi^-\rho^-\omega\omega D^+D^{*+}$	1017	1	12342
4975	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\eta\omega D^{*+}D_1'^+$	4974	1	12343
4976	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-\rho^-\eta\bar{K}^0K^+D^+D^{*+}$	4975	1	12344
4977	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_1^+\gamma$	4976	1	12345
4978	$e^+e^- \to D^-D^{*+}D_s^+a_1^-\gamma$	4977	1	12346
4979	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\eta\eta\eta\bar{D}^{*-}D^0$	4978	1	12347
4980	$e^+e^- \to \tau^+\nu_\tau\pi^-D^-\bar{\Delta}^0\Sigma_c^{*+}$	4979	1	12348
4981	$e^+e^- \to \bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}D^0$	4980	1	12349
4982	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*-}$	4981	1	12350
4983	$e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	4982	1	12351
4984	$e^+e^- \to \pi^-\omega D^{*+}D_s^{*+}D_1^-$	4983	1	12352
4985	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\eta D^+D^{*+}$	68	1	12353
4986	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}p\bar{\Xi}_c'^-$	4985	1	12354
4987	$e^+e^- \to K^+K^-D^+D_s^+D_s^-D_1'^-$	1019	1	12355
4988	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*K^*K^+K^-K^-D^{*+}$	4987	1	12356
4989	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Delta^-\bar{p}$	4988	1	12357
4990	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+D^-D^{*+}$	4989	1	12358
4991	$e^+e^- \to \omega D^-D_s^{*+}\bar{\Delta}^0\Sigma_c^{*0}$	4990	1	12359
4992	$e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}D^0D_s^{*+}$	4991	1	12360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
4993	$e^+e^- \to e^-\bar{\nu}_e D_2^{*-} D_s^+ D_1'^+$	4992	1	12361
4994	$e^+e^- \to \pi^+ D^+ D_s^- \bar{\Delta}^+ \Sigma_c^{*0}$	4993	1	12362
4995	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0$	4994	1	12363
4996	$e^+e^- \to \pi^0\pi^-\bar{D}^0 D_s^+ \bar{\Delta}^+ \Sigma_c^+\gamma$	4995	1	12364
4997	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^- D^{*+}\bar{D}^{*0}$	4996	1	12365
4998	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^- D^0\bar{D}^0 D_s^-$	4997	1	12366
4999	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0 D^+ D_s^- \chi_{c1}$	1020	1	12367
5000	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^{*+} D_s^{*-}$	4999	1	12368
5001	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- D^{*+}\bar{D}^{*0}$	5000	1	12369
5002	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\eta D^- D^{*+}$	5001	1	12370
5003	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\bar{K}^* K^+ D^+ D^-$	5002	1	12371
5004	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+ D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	5003	1	12372
5005	$e^+e^- \to \eta K^+\bar{D}^{*-} D_2^{*-} D_s^+$	5004	1	12373
5006	$e^+e^- \to \pi^0\pi^-\omega\omega K^{*+} D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	253	1	12374
5007	$e^+e^- \to \pi^0\eta D^-\bar{n}\bar{n}p\Sigma_c^0$	5006	1	12375
5008	$e^+e^- \to \pi^-\bar{K}^0 K^{*+}\phi D^0 J/\psi$	1022	1	12376
5009	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^{*+} p\bar{\Sigma}_c^-$	5008	1	12377
5010	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\eta D^+ D^{*+}$	5009	1	12378
5011	$e^+e^- \to \pi^+\pi^-\eta K^{*+} K^{*-}\bar{D}^{*-} D^0 a_1^+$	5010	1	12379
5012	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^- D^{*+}\bar{D}^0 D^{*0}$	1023	1	12380
5013	$e^+e^- \to e^-\bar{\nu}_e\rho^-\bar{K}^0 D^+ D^{*+}\bar{D}^0$	5012	1	12381
5014	$e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau\pi^- D^-$	5013	1	12382
5015	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\omega D^+ D^{*+}$	5014	1	12383
5016	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^* D^+ D^- J/\psi$	5015	1	12384
5017	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta\eta\eta D^+ D^+$	5016	1	12385
5018	$e^+e^- \to \pi^0\pi^0\pi^0\omega K^0 K^- D^+ D^+ D_s^{*-}$	5017	1	12386
5019	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^* D^+ D^{*0}\bar{D}^{*0}$	5018	1	12387
5020	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\omega\omega K^0\bar{K}^0 K^* K^-\bar{D}^{*-}\bar{D}^{*-}$	5019	1	12388
5021	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} D_s^+ D_1'^-\gamma$	254	1	12389
5022	$e^+e^- \to \pi^- D_s^-\bar{\Delta}^+\Sigma_c^{++} D_1^+$	5021	1	12390
5023	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^- n$	5022	1	12391
5024	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta D^- D^{*+}$	5023	1	12392

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5025	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D_0^{*+}$	5024	1	12393
5026	$e^+e^- \to \rho^0K_L\rho^-\eta D^{*+}J/\psi$	5025	1	12394
5027	$e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-}D_s^+$	1025	1	12395
5028	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^0D^{*+}\bar{D}^{*-}$	1026	1	12396
5029	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*+}n\bar{n}$	1027	1	12397
5030	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-K^-D^+D^-\bar{D}^{*0}$	5029	1	12398
5031	$e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*0}\eta_c$	5030	1	12399
5032	$e^+e^- \to \pi^0\pi^+\omega\omega D^-D^{*+}\bar{p}\Lambda$	5031	1	12400
5033	$e^+e^- \to K^{*-}D^+D_2^{*-}\bar{D}^0D_s^+$	1028	1	12401
5034	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^+K^-D^{*+}D_s^-D_{s0}^{*-}$	5033	1	12402
5035	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-D^+D^-$	5034	1	12403
5036	$e^+e^- \to \pi^-\omega\omega K^0\bar{D}^{*-}\bar{D}^0D^{*0}\bar{n}\Delta^{++}$	5035	1	12404
5037	$e^+e^- \to \pi^0\pi^0\rho^0\omega K^+D^-D^{*0}D^{*0}$	1029	1	12405
5038	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	5037	1	12406
5039	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\bar{D}^{*-}D_1^-$	1030	1	12407
5040	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D_s^+$	5039	1	12408
5041	$e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^*D^+\bar{D}^{*-}$	5040	1	12409
5042	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_0^{*-}D_1^+$	5041	1	12410
5043	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^+D_s^+D_s^{*-}$	5042	1	12411
5044	$e^+e^- \to \pi^+\pi^+\pi^-D_2^{*-}D_s^{*+}\Delta^0\bar{\Delta}^+$	5043	1	12412
5045	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0K^-D^-D^{*+}$	5044	1	12413
5046	$e^+e^- \to \rho^-K^-\bar{D}^{*0}D_s^+\bar{\Delta}^+\Sigma_c^{*++}$	5045	1	12414
5047	$e^+e^- \to \rho^-D^{*+}D_s^-\Sigma^0\bar{\Xi}^+$	5046	1	12415
5048	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}$	5047	1	12416
5049	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-}$	5048	1	12417
5050	$e^+e^- \to \pi^0\pi^0\rho^-\bar{K}^0K^{*+}K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	5049	1	12418
5051	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^+D^-$	5050	1	12419
5052	$e^+e^- \to \rho^0\pi^+\rho^-K^*\bar{K}^*\bar{D}^{*0}D_s^+D_s^{*-}$	255	1	12420
5053	$e^+e^- \to e^+\nu_e\omega K^0K^-D^-D^{*+}$	5052	1	12421
5054	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0}$	5053	1	12422
5055	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-}$	5054	1	12423
5056	$e^+e^- \to \pi^-K^+D^-D_s^+\eta_c\gamma$	5055	1	12424

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5057	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^0$	5056	1	12425
5058	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^0\bar{D}^{*0}$	5057	1	12426
5059	$e^+e^- \to \eta K^-D^+\bar{D}^{*-}a_1^+\gamma$	5058	1	12427
5060	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*D^+D^-D_0^{*+}$	5059	1	12428
5061	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}\bar{\Delta}^-n$	5060	1	12429
5062	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-K^0\bar{K}^0K^-D^-\eta_c$	5061	1	12430
5063	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0K^+\bar{D}^0D_s^{*+}D_s^{*-}$	1032	1	12431
5064	$e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{D}^{*-}D_{s1}'^+$	5063	1	12432
5065	$e^+e^- \to \rho^0\rho^0\omega D_2^{*-}D^{*0}D_s^+$	1033	1	12433
5066	$e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0K^*K^{*-}D^+D^{*+}$	5065	1	12434
5067	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0D^+D_s^+D_s^{*-}$	5066	1	12435
5068	$e^+e^- \to \rho^+\bar{K}^*K^+\bar{D}^{*-}D_2^{*-}$	5067	1	12436
5069	$e^+e^- \to K^{*+}K^{*+}D^-\bar{D}^{*-}D^0D^{*0}$	5068	1	12437
5070	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^+D^0D_s^-$	5069	1	12438
5071	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^+\bar{D}^0D^{*0}$	1034	1	12439
5072	$e^+e^- \to K^0D^-D^{*0}\bar{D}^{*0}a_1^+$	5071	1	12440
5073	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^0D^{*+}\eta_c$	1035	1	12441
5074	$e^+e^- \to \pi^-K^+K^{*-}D^+\bar{D}^{*-}D_s^{*+}\gamma$	5073	1	12442
5075	$e^+e^- \to K^*D_2^{*-}D_s^{*+}\bar{\Delta}^+\Xi_c^+$	5074	1	12443
5076	$e^+e^- \to \pi^0\pi^-\bar{K}^*\eta'D^+D^{*+}D_s^{*-}$	5075	1	12444
5077	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-D^+D_2^{*+}$	5076	1	12445
5078	$e^+e^- \to \rho^-D^-\bar{\Delta}^-nD_1'^+\gamma$	5077	1	12446
5079	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega\bar{K}^*\eta'D^+$	5078	1	12447
5080	$e^+e^- \to e^+\nu_e\rho^+D^-\bar{p}\Sigma_c^{*0}$	1036	1	12448
5081	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-K^+K^{*-}D^+D^-$	5080	1	12449
5082	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta D^-\bar{D}^{*-}\bar{p}\Delta^{++}$	5081	1	12450
5083	$e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{\Sigma}^{*0}\Xi_c^{*+}\psi(3770)$	5082	1	12451
5084	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta K^0\bar{K}^0D^+\bar{D}^0D_s^{*-}$	5083	1	12452
5085	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-K^*D^+D^+$	5084	1	12453
5086	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+D^-\bar{D}^{*-}D_s^+$	256	1	12454
5087	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}D_1'^+$	5086	1	12455
5088	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	5087	1	12456

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5089	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^+\bar{D}^{*-}\bar{D}^{*0}$	5088	1	12457
5090	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+K^+K^{*-}D^{*+}D_2^{*-}$	5089	1	12458
5091	$e^+e^- \to \pi^0K^*D^{*+}D^0\bar{D}^0D_s^{*-}$	5090	1	12459
5092	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+\bar{D}^0D^{*0}D_0^{*+}$	5091	1	12460
5093	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^+D^{*0}D_s^-$	5092	1	12461
5094	$e^+e^- \to \rho^0\eta K^+K^-D_2^{*+}\bar{D}^{*0}D_s^{*-}$	5093	1	12462
5095	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^*\bar{D}^{*-}J/\psi$	5094	1	12463
5096	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-D^+D^-n\bar{n}$	1038	1	12464
5097	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*D^-D^{*+}$	5096	1	12465
5098	$e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}\bar{D}^0\psi'$	1039	1	12466
5099	$e^+e^- \to e^-\bar{\nu}_eK^*D^+D^+\bar{D}^{*-}$	5098	1	12467
5100	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^+D^{*+}\bar{D}^{*-}D^{*0}$	5099	1	12468
5101	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}p\bar{\Delta}^{++}$	5100	1	12469
5102	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\bar{K}^0\phi D^-\bar{D}^{*-}$	5101	1	12470
5103	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta K_SD^+J/\psi$	5102	1	12471
5104	$e^+e^- \to K^{*-}D^+D^{*+}\bar{D}^0a_1^-$	257	1	12472
5105	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*0}\bar{p}\Delta^+$	5104	1	12473
5106	$e^+e^- \to e^-\bar{\nu}_eK^0K^0D^{*+}D_s^{*-}D_1'^+$	5105	1	12474
5107	$e^+e^- \to \pi^0\pi^-\eta D^+D^+\Lambda\bar{\Sigma}^-\gamma$	5106	1	12475
5108	$e^+e^- \to \rho^+\rho^-\eta\eta\eta'D^{*+}D_2^{*-}$	5107	1	12476
5109	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+D^{*+}\bar{D}^{*0}$	5108	1	12477
5110	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+}D^{*+}$	5109	1	12478
5111	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^0D^+D^{*+}\bar{D}^{*0}$	5110	1	12479
5112	$e^+e^- \to \pi^+\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}D^0\bar{D}^0D^{*0}$	5111	1	12480
5113	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^+\bar{D}^{*-}\chi_{c2}$	5112	1	12481
5114	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-D^{*+}\bar{D}^{*-}$	1041	1	12482
5115	$e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	5114	1	12483
5116	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}D_s^-$	5115	1	12484
5117	$e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^0K^{*+}D^+D^-D^0$	5116	1	12485
5118	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^*K^-D^+\bar{D}^{*-}$	5117	1	12486
5119	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0K^0K^-D^{*+}\bar{D}^{*-}$	5118	1	12487
5120	$e^+e^- \to \rho^+D_2^{*-}D^{*0}p\bar{\Delta}^+$	5119	1	12488

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5121	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D_1^-\gamma$	5120	1	12489
5122	$e^+e^- \to K^*D^{*+}\bar{D}^0D^{*0}\Delta^0\bar{\Delta}^+$	5121	1	12490
5123	$e^+e^- \to \rho^0\pi^+\rho^-\omega\omega K^+K^-D^{*+}\bar{D}^{*-}$	5122	1	12491
5124	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^+K^-D^+D_s^{*-}$	5123	1	12492
5125	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^+D^-\eta_c(2S)$	5124	1	12493
5126	$e^+e^- \to \pi^0K^0K^+D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	5125	1	12494
5127	$e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^0\eta'\bar{D}^{*-}n\bar{n}$	5126	1	12495
5128	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_s^{*-}D_1^+$	5127	1	12496
5129	$e^+e^- \to \pi^0\pi^-\eta D^-D^{*+}\bar{n}p$	5128	1	12497
5130	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^*K^-D^{*+}\bar{D}^{*-}$	5129	1	12498
5131	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^-D_1^-\gamma$	5130	1	12499
5132	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	1042	1	12500
5133	$e^+e^- \to K^*K^+K^-K^{*+}\eta'\phi\bar{D}^{*-}D^{*0}$	5132	1	12501
5134	$e^+e^- \to e^+\nu_e\eta\bar{K}^0D^-D^0$	1043	1	12502
5135	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0K^-K^{*+}D^+D^{*+}$	5134	1	12503
5136	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Sigma}^0$	5135	1	12504
5137	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^-\phi D^{*+}D_s^+$	5136	1	12505
5138	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^*K^*\phi\bar{D}^{*-}\bar{D}^0$	5137	1	12506
5139	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta D^+D^{*+}$	5138	1	12507
5140	$e^+e^- \to \pi^-\rho^+\eta\bar{K}^0K^+D^{*0}\Delta^0\bar{\Sigma}_c^{*-}$	5139	1	12508
5141	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^{*+}D_1^-$	5140	1	12509
5142	$e^+e^- \to \pi^+\rho^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	5141	1	12510
5143	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+D^+D^{*+}\Sigma^0\bar{\Sigma}^0$	5142	1	12511
5144	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_2^{*+}D_0^{*+}$	5143	1	12512
5145	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\omega K^0K^{*-}D^{*+}\bar{D}^{*-}$	21	1	12513
5146	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^0\bar{K}^0D^-D_1^+$	1045	1	12514
5147	$e^+e^- \to \rho^+\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}$	5146	1	12515
5148	$e^+e^- \to \pi^0\rho^+\rho^+\omega K^0\bar{K}^0D^-D^-$	5147	1	12516
5149	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^-K^{*+}D^+\bar{\Sigma}^+\Sigma^-$	5148	1	12517
5150	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}D^{*+}a_1^-$	5149	1	12518
5151	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{D}^{*-}D^{*0}$	1046	1	12519
5152	$e^+e^- \to \rho^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	5151	1	12520

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5153	$e^+e^- \to \rho^+K^*D^+\bar{D}^{*-}\bar{D}^{*-}\gamma$	5152	1	12521
5154	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-}$	1047	1	12522
5155	$e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-na_1^+$	5154	1	12523
5156	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-D^{*+}D^{*+}$	1048	1	12524
5157	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	5156	1	12525
5158	$e^+e^- \to \pi^+\rho^+\rho^-K^0\bar{K}^0K^*K^-D^-D^{*+}$	5157	1	12526
5159	$e^+e^- \to \pi^-\rho^+K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	5158	1	12527
5160	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\eta K^{*-}D^-D_s^{*+}$	5159	1	12528
5161	$e^+e^- \to \pi^+\eta\bar{K}^0\bar{K}^*D^-\bar{D}^{*-}D^{*0}p\bar{\Lambda}$	5160	1	12529
5162	$e^+e^- \to e^+\nu_eD^+D^-D_{s1}^-$	5161	1	12530
5163	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*0}\bar{p}\Delta^+$	5162	1	12531
5164	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+D^-$	259	1	12532
5165	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}$	1050	1	12533
5166	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\rho^-K^+K^-D^+\bar{D}^{*-}$	5165	1	12534
5167	$e^+e^- \to \pi^-\rho^+\bar{D}^{*-}n\bar{n}\bar{p}\Sigma_c^{*++}$	5166	1	12535
5168	$e^+e^- \to \pi^0\pi^+K^0K^+K^{*-}D_s^{*-}\bar{K}_1^0\psi'$	5167	1	12536
5169	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^-K^{*+}D^+\bar{D}^{*-}$	5168	1	12537
5170	$e^+e^- \to \pi^+\eta D^-D_2^{*+}D_s^{*-}$	1051	1	12538
5171	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-D^0$	5170	1	12539
5172	$e^+e^- \to \pi^0\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-$	1052	1	12540
5173	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	5172	1	12541
5174	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	5173	1	12542
5175	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^-K^-K^{*+}D^+D^{*0}$	5174	1	12543
5176	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega K^*\bar{D}^0D_1^+$	5175	1	12544
5177	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\bar{K}^0D^0n\bar{n}$	5176	1	12545
5178	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}D_{s0}^{*+}$	1053	1	12546
5179	$e^+e^- \to \pi^0\pi^-K^{*+}D^-D^{*+}D^0$	5178	1	12547
5180	$e^+e^- \to \pi^0\pi^-K^{*+}D^+D^-D^0\Sigma^+\bar{\Sigma}^-$	5179	1	12548
5181	$e^+e^- \to \rho^-\bar{K}^0K^{*+}D_s^+D_s^-J/\psi$	5180	1	12549
5182	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta'D^-D^0D_s^{*+}$	5181	1	12550
5183	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^0D^+\bar{D}^{*-}D_s^-$	5182	1	12551
5184	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*D^+\bar{D}^{*-}D^{*0}$	5183	1	12552

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5185	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^+\rho^-\omega K^+K^{*-}D^0\bar{D}^{*0}$	1054	1	12553
5186	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\eta D^+\bar{D}^{*-}$	5185	1	12554
5187	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}$	5186	1	12555
5188	$e^+e^- \to \pi^-\rho^+\eta\eta D^+D^-$	5187	1	12556
5189	$e^+e^- \to \pi^0\pi^-\bar{K}^0D^+D^-a_1^+$	5188	1	12557
5190	$e^+e^- \to \pi^+\pi^-\rho^-\eta\eta\omega D^+\bar{D}^{*-}D_s^+$	5189	1	12558
5191	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	5190	1	12559
5192	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}D_s^+$	5191	1	12560
5193	$e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	5192	1	12561
5194	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}n\bar{n}$	5193	1	12562
5195	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^0K^-D^+D^{*+}p\bar{p}$	5194	1	12563
5196	$e^+e^- \to \pi^0K^*K^{*-}D^+D^{*+}D_s^{*-}$	5195	1	12564
5197	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{p}\Sigma_c^{*++}$	5196	1	12565
5198	$e^+e^- \to \pi^0\pi^0\rho^-\omega K^0D^+D^{*+}\bar{D}^{*-}$	1055	1	12566
5199	$e^+e^- \to \pi^+\pi^-\omega\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma_c^0$	5198	1	12567
5200	$e^+e^- \to \pi^0\pi^+\omega K^0K^+\bar{D}^{*-}D^0D_s^-$	5199	1	12568
5201	$e^+e^- \to K_SD_s^+J/\psi D_1^-$	1056	1	12569
5202	$e^+e^- \to K^+D^+\bar{D}^{*-}D^0D_{s1}'^-$	5201	1	12570
5203	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^-D^{*+}$	1057	1	12571
5204	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}$	5203	1	12572
5205	$e^+e^- \to \rho^0\rho^-D^-D^{*+}D_{s1}'^+$	5204	1	12573
5206	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0D^+D^{*+}\bar{D}^{*-}$	5205	1	12574
5207	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0K^*K^-D^+\bar{D}^{*-}$	5206	1	12575
5208	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega K^0K^{*-}D^+\bar{D}^{*-}$	5207	1	12576
5209	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	1058	1	12577
5210	$e^+e^- \to \pi^0\rho^-K^*\bar{K}^*K^-D^+D^{*+}\bar{D}^0$	260	1	12578
5211	$e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}\bar{D}^0$	5210	1	12579
5212	$e^+e^- \to \mu^+\nu_\mu X_u^-K^-D^{*+}\bar{D}^{*0}$	5211	1	12580
5213	$e^+e^- \to \rho^0\pi^-\eta\bar{n}\Sigma_c^{*+}a_0^0$	5212	1	12581
5214	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	5213	1	12582
5215	$e^+e^- \to e^-\bar{\nu}_e\omega K^0K^-D^+D^{*+}$	5214	1	12583
5216	$e^+e^- \to \pi^0\rho^+\bar{K}^0\Delta^0\bar{\Sigma}_c^-\psi'$	5215	1	12584

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5217	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta D^+D^-D_{s1}'^+$	1060	1	12585
5218	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\bar{D}^0$	5217	1	12586
5219	$e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}^+$	1061	1	12587
5220	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^*D^+D^-D^{*+}$	5219	1	12588
5221	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-a_1^-\gamma$	5220	1	12589
5222	$e^+e^- \to K^0D^+D^+\bar{D}^{*-}D_s^{*-}$	5221	1	12590
5223	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\Delta^+\bar{\Lambda}$	5222	1	12591
5224	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega K^-D^{*+}D^{*+}\bar{D}^{*0}$	5223	1	12592
5225	$e^+e^- \to \rho^0\pi^-\rho^-\omega D^+D^{*+}$	1062	1	12593
5226	$e^+e^- \to e^+\nu_eK^+K^-D^+\bar{D}^{*-}D_s^{*-}$	5225	1	12594
5227	$e^+e^- \to \pi^0\rho^0\rho^-D^+\bar{D}^{*-}a_1^+$	5226	1	12595
5228	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta'D^+\bar{D}^0$	5227	1	12596
5229	$e^+e^- \to \pi^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}n\bar{p}$	5228	1	12597
5230	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$	5229	1	12598
5231	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega D^+\bar{D}^{*0}$	5230	1	12599
5232	$e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^-\bar{n}p$	5231	1	12600
5233	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	5232	1	12601
5234	$e^+e^- \to \pi^-\rho^-D_2^{*+}\bar{D}^0D_s^{*+}$	5233	1	12602
5235	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^0\bar{D}^0\Delta^+\bar{\Sigma}^-$	1063	1	12603
5236	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D_1^-D_1'^+$	1064	1	12604
5237	$e^+e^- \to e^+\nu_e\pi^0\rho^-\bar{K}^*\bar{D}^{*-}D_s^+$	5236	1	12605
5238	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+}$	5237	1	12606
5239	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\eta'D^+\bar{D}^{*-}D_s^-$	5238	1	12607
5240	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^+D^-D^{*+}$	5239	1	12608
5241	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta K^{*+}D^+\bar{D}^0$	1065	1	12609
5242	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\omega K^*D^{*+}\bar{D}^{*-}D^0$	5241	1	12610
5243	$e^+e^- \to \pi^0\pi^+\pi^-D^-D_s^{*+}\bar{p}\Lambda_c^+$	5242	1	12611
5244	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}$	5243	1	12612
5245	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^*K^-D^{*+}D_2^{*-}$	5244	1	12613
5246	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta'D^+D_2^{*-}$	1066	1	12614
5247	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^*K^-D^+D^-D_s^+$	5246	1	12615
5248	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0D_s^-\bar{\Sigma}^0\Xi_c^0$	5247	1	12616

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5249	$e^+e^- \to \pi^+\bar{K}^0\eta' D^- D^{*+}\bar{D}^{*-}$	5248	1	12617
5250	$e^+e^- \to \pi^+\rho^+\rho^-\eta\omega\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	5249	1	12618
5251	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega K^+ D^+\bar{D}^{*-} D^{*0}$	5250	1	12619
5252	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0 K^* D^+\bar{D}^0\bar{p}\Delta^+$	5251	1	12620
5253	$e^+e^- \to \pi^0\rho^+\rho^-\eta\eta\bar{D}^0\bar{\Delta}^+\Sigma_c^+$	5252	1	12621
5254	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^-\bar{D}^{*-}\bar{D}^{*0}a_1^+$	5253	1	12622
5255	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-}$	5254	1	12623
5256	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\bar{K}^0 K^+\bar{D}^{*-} D_1^+$	5255	1	12624
5257	$e^+e^- \to \pi^+\eta\eta\omega K_2^{*0} D^-$	1067	1	12625
5258	$e^+e^- \to \pi^0 K^+ D^+ D^- D^{*0} a_1^-$	5257	1	12626
5259	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^- D^- D^{*+}$	5258	1	12627
5260	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^+ D^{*+} D_s^{*-}$	1068	1	12628
5261	$e^+e^- \to \pi^0\rho^+\rho^+\rho^+\rho^- D^+ D^- n\bar{\Delta}^{++}$	5260	1	12629
5262	$e^+e^- \to \pi^0\rho^+\omega\omega D^-\bar{n}\Sigma_c^0$	5261	1	12630
5263	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^- K^+ D^- D^- D^{*0}$	261	1	12631
5264	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\pi^- D^+ D_1^-$	5263	1	12632
5265	$e^+e^- \to \bar{K}^* K^+ D^+ D^- D^- D^{*0}$	5264	1	12633
5266	$e^+e^- \to \pi^-\omega\omega\bar{K}^0\bar{K}^0 K^* K^+ D^- D^{*+} p\bar{p}$	1070	1	12634
5267	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0 D^+ D^-\bar{D}^0 D_s^+$	5266	1	12635
5268	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^*\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*0}$	5267	1	12636
5269	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^- D_1^+$	5268	1	12637
5270	$e^+e^- \to \mu^+\nu_\mu\eta K^* K^{*-} D^+\bar{D}^{*-}$	5269	1	12638
5271	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	262	1	12639
5272	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-}$	1072	1	12640
5273	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+ D^+\bar{D}^{*-}$	5272	1	12641
5274	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\rho^-\eta\eta D^+ D^-$	1073	1	12642
5275	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-}$	5274	1	12643
5276	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*0} p\bar{\Sigma}_c^-$	1074	1	12644
5277	$e^+e^- \to \pi^0 K^- D^+\bar{D}^{*0} n\bar{\Sigma}_c^0$	5276	1	12645
5278	$e^+e^- \to \pi^0\rho^0\pi^+ D^{*+}\bar{D}^{*-} D_s^-\gamma$	5277	1	12646
5279	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^- D^- D^{*0} D_s^+$	5278	1	12647
5280	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\eta D^- D^-$	5279	1	12648

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5281	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^{*+}D^-J/\psi$	5280	1	12649
5282	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0$	5281	1	12650
5283	$e^+e^- \to K^{*+}D^+D^-D^0a_1^-$	5282	1	12651
5284	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\eta\eta'D^{*+}D^{*0}$	5283	1	12652
5285	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\omega\bar{K}^0D^+D^-$	5284	1	12653
5286	$e^+e^- \to \pi^0\rho^0\eta K^0K^-D^+D^+D_s^{*-}$	5285	1	12654
5287	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\bar{D}^{*-}D_1^+$	5286	1	12655
5288	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	5287	1	12656
5289	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^-$	1075	1	12657
5290	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+K^+K^-D^-D_0^{*+}$	5289	1	12658
5291	$e^+e^- \to \pi^-D^+\Delta^-\bar{\Delta}^0\bar{\Lambda}\Xi_c^+$	5290	1	12659
5292	$e^+e^- \to \pi^0\rho^-\omega\bar{K}^0\bar{K}^0K^*K^+D^{*+}\bar{D}^{*-}$	1076	1	12660
5293	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*0}\eta_c$	263	1	12661
5294	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\bar{D}^{*0}D_s^+\bar{n}\Sigma^-$	5293	1	12662
5295	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\eta'D^-D^{*+}$	5294	1	12663
5296	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^+D^-$	264	1	12664
5297	$e^+e^- \to \pi^-\eta K^0D^+D^-D^{*+}$	5296	1	12665
5298	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^0\bar{D}^0D_1^-$	5297	1	12666
5299	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^{*+}D^+\bar{D}^{*-}D^{*0}$	265	1	12667
5300	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+D^{*+}a_1^-\gamma$	5299	1	12668
5301	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	5300	1	12669
5302	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-}$	5301	1	12670
5303	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	5302	1	12671
5304	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-p\bar{p}$	5303	1	12672
5305	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+D^{*0}D_1'^+$	1080	1	12673
5306	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta D^-D^{*+}$	5305	1	12674
5307	$e^+e^- \to \mu^+\nu_\mu\phi\bar{D}^{*-}\Delta^+\bar{\Xi}_c^{*-}$	5306	1	12675
5308	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^*\bar{K}^*D^-D^{*+}$	5307	1	12676
5309	$e^+e^- \to \pi^0\pi^+\eta D^0\Delta^0\bar{\Sigma}_c^{*-}$	5308	1	12677
5310	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\omega D^+\bar{D}^{*-}D_s^-$	1081	1	12678
5311	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^+K^{*-}D^-D_1^+$	1082	1	12679
5312	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	5311	1	12680

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5313	$e^+e^- \to \rho^- \bar{K}^0 K^{*+} D^+ D^-$	5312	1	12681
5314	$e^+e^- \to \pi^+\pi^- D^+ \bar{D}^{*-} n\bar{p}\bar{\Delta}^+\Delta^{++}$	5313	1	12682
5315	$e^+e^- \to \pi^0\pi^0\pi^-\phi D^{*+} K_0^0$	5314	1	12683
5316	$e^+e^- \to K^* K^- D^+ D^+ \bar{D}^{*-}\bar{D}^0$	1083	1	12684
5317	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-}$	5316	1	12685
5318	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0 K^* D^{*+} D_s^+ D_s^-$	266	1	12686
5319	$e^+e^- \to \pi^0\pi^+\bar{K}^0 K^+ K^- K^{*+} K^{*-} D^- J/\psi$	1085	1	12687
5320	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^{*+} D^{*+}\bar{D}^{*-} D^0$	1086	1	12688
5321	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*0} D_s^+$	5320	1	12689
5322	$e^+e^- \to \omega K^{*+} D^+ \bar{D}^{*-} D^{*0} n\bar{p}$	5321	1	12690
5323	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^- \bar{K}^0\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	5322	1	12691
5324	$e^+e^- \to e^+\nu_e\pi^0 K^* K^{*-} D^+\bar{D}^{*-}$	5323	1	12692
5325	$e^+e^- \to \pi^0\bar{K}^0 D^- D^{*+} J/\psi K_1^0$	5324	1	12693
5326	$e^+e^- \to \pi^+\pi^-\omega K^-\eta_c\Delta^+\bar{\Xi}_c^{*0}$	5325	1	12694
5327	$e^+e^- \to \pi^0\pi^+\pi^- K^0 K^- D^+\bar{D}^0\chi_{c0}$	5326	1	12695
5328	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^{*+} D^{*+}\bar{D}^{*0} D_s^{*-}\gamma$	5327	1	12696
5329	$e^+e^- \to \rho^0\bar{K}^0 n\bar{\Delta}^+\Sigma_c^+\bar{\Xi}_c^{\prime 0}$	5328	1	12697
5330	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+ K^{*-} D^- D^-$	1087	1	12698
5331	$e^+e^- \to \pi^0\pi^+\pi^- D^{*+}\bar{D}^{*0} D_s^{*-}$	5330	1	12699
5332	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^-\bar{\Sigma}^+\Sigma^-$	5331	1	12700
5333	$e^+e^- \to \rho^- K^0 K^*\bar{K}^*\bar{K}^* D^+ D_s^-\bar{n}p$	5332	1	12701
5334	$e^+e^- \to \pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^0 K^+ D^- D^{*+}$	1088	1	12702
5335	$e^+e^- \to e^-\bar{\nu}_e\rho^+ K^* D^+ D_s^-$	5334	1	12703
5336	$e^+e^- \to e^-\bar{\nu}_e K^{*+} D^- D^{*+}$	5335	1	12704
5337	$e^+e^- \to K^* K^{*+} K^{*-} D^+\bar{D}^0 D_s^{*-}$	5336	1	12705
5338	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-} p\bar{\Lambda} D_1^-$	5337	1	12706
5339	$e^+e^- \to \rho^0 K^0 K^+ K^- K^-\phi D^{*+}\Delta^+\bar{\Xi}_c^{\prime -}$	5338	1	12707
5340	$e^+e^- \to e^+\nu_e\pi^+\pi^- D^- D^- D_s^{*+}$	5339	1	12708
5341	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	5340	1	12709
5342	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^+\bar{D}^0 D^{*0}\bar{D}^{*0}$	1089	1	12710
5343	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*0}$	5342	1	12711
5344	$e^+e^- \to \pi^0\pi^- K^+ K^{*-} D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	5343	1	12712

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5345	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^{*+} D_s^{*-}\gamma$	5344	1	12713
5346	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^* K^+ D^+ \bar{D}^{*-}$	5345	1	12714
5347	$e^+e^- \to \rho^0\pi^+\omega D^{*0} D_1'^-$	5346	1	12715
5348	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- K^{*+}\bar{D}^0\bar{\Delta}^+\Sigma^+\bar{\Sigma}^-\Xi_c^0$	5347	1	12716
5349	$e^+e^- \to \pi^0\pi^+\omega\omega K^+ K^- D^{*0}\bar{D}^{*0} D_s^-$	5348	1	12717
5350	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*0}$	5349	1	12718
5351	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta\bar{K}^0 K^* K^- K^{*+} D^-\bar{D}^{*-}$	5350	1	12719
5352	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\omega D^{*+} D^{*+}$	5351	1	12720
5353	$e^+e^- \to K^* K^+\bar{D}^{*-} D^0\eta_c$	5352	1	12721
5354	$e^+e^- \to \rho^-\bar{K}^* K^- D^+ D^{*+}$	5353	1	12722
5355	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega\omega D^- D^{*+}$	5354	1	12723
5356	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\rho^-\eta\bar{K}^0 K^+ D^+ D^{*+}$	5355	1	12724
5357	$e^+e^- \to \pi^+\rho^+\eta K^0 K^{*-} D^+ D^- a_1^-$	5356	1	12725
5358	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\omega\eta' D^{*+}\bar{D}^{*-}$	1090	1	12726
5359	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	5358	1	12727
5360	$e^+e^- \to \rho^0\rho^+\eta\bar{D}^{*-} D^0$	5359	1	12728
5361	$e^+e^- \to \pi^+\eta K^* D^+ D^-\bar{D}^{*-}$	5360	1	12729
5362	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\rho^+ K^0 K^- D^-\bar{D}^{*-}$	5361	1	12730
5363	$e^+e^- \to \pi^0 K^0\bar{D}^{*-} D_s^{*+}\chi_{c1}$	1091	1	12731
5364	$e^+e^- \to K^- D^+\bar{D}^{*-}\bar{D}^{*0} a_1^+$	267	1	12732
5365	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^+ D^+ D^- D_s^{*-}$	5364	1	12733
5366	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0 D^+ D^{*+}$	5365	1	12734
5367	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	5366	1	12735
5368	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_s^+ D_0^{*+}$	5367	1	12736
5369	$e^+e^- \to e^-\bar{\nu}_e\rho^- K^*\bar{K}^* D^{*+} D^{*+}$	5368	1	12737
5370	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+ K^{*+} K^{*-} D^- D^{*0}$	1093	1	12738
5371	$e^+e^- \to \pi^0\rho^0\rho^- K^* K^+ K^- D^+ D^+\bar{p}\Lambda$	5370	1	12739
5372	$e^+e^- \to \pi^+\pi^- D^+ D^- D_s^{*-} D_{s0}^{*+}$	5371	1	12740
5373	$e^+e^- \to \rho^0\rho^0\rho^0\pi^- D^+ D^+ D_s^{*-}$	5372	1	12741
5374	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* K^+\phi D^+ D^-$	5373	1	12742
5375	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^* K^+ K^- K^{*+} K^{*-} D^+ D^+$	5374	1	12743
5376	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\eta' D^+ D^-$	5375	1	12744

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5377	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^{*+} D^- D^0 \bar{\Delta}^0 \Sigma_c^+$	268	1	12745
5378	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^0 K^{*-} D^+ \bar{p}\Lambda_c^+$	5377	1	12746
5379	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^- D^0 D_s^- \bar{\Delta}^- n$	5378	1	12747
5380	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- K^+ K^- D^+ D^+$	1095	1	12748
5381	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+} p\bar{\Sigma}_c^{*--}$	5380	1	12749
5382	$e^+e^- \to \rho^0\pi^+ K^- D^+ \bar{D}^{*0} n\bar{\Sigma}_c^-$	5381	1	12750
5383	$e^+e^- \to \pi^+\rho^+ K^- D_2^{*-} D^{*0}\gamma$	5382	1	12751
5384	$e^+e^- \to \pi^0 K^* K^{*-} D^+ D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	5383	1	12752
5385	$e^+e^- \to D^{*+}\bar{D}^0 D_s^- \Delta^+\bar{\Sigma}^-$	5384	1	12753
5386	$e^+e^- \to \eta\bar{K}^0 K^+ \bar{D}^{*-} D^0 n\bar{\Delta}^0$	5385	1	12754
5387	$e^+e^- \to \pi^0\pi^+\rho^+\eta D^- D_2^{*-}$	5386	1	12755
5388	$e^+e^- \to K^* K^- D^{*+}\bar{D}^{*0} D_s^{*+} D_s^{*-}$	5387	1	12756
5389	$e^+e^- \to \pi^0\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^0 p a_1^-$	5388	1	12757
5390	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\eta D^- D^{*+}$	5389	1	12758
5391	$e^+e^- \to \rho^-\bar{K}^* K^+ D^+ D^- D^{*+}\bar{D}^{*-}$	5390	1	12759
5392	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega\omega K^{*-} D^+ D^+$	5391	1	12760
5393	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^- K^+ D^- D^{*+} D^0$	5392	1	12761
5394	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}\bar{n}p$	5393	1	12762
5395	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- D^- D^- D_s^+ D_s^{*+}$	5394	1	12763
5396	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^{*+} D^+ D^- D^0$	5395	1	12764
5397	$e^+e^- \to \pi^- D^{*+} D^{*+}\Delta^- n\bar{n}\bar{n}$	5396	1	12765
5398	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-} D_{s0}^{*+}$	5397	1	12766
5399	$e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^* D^+ D^- p\bar{p}$	5398	1	12767
5400	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+ K^+\bar{D}^{*-} D_s^-$	5399	1	12768
5401	$e^+e^- \to \pi^- K^{*+}\bar{D}^{*-} D^0\bar{p}\Sigma_c^{++}$	5400	1	12769
5402	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^{*+} D_1'^-$	5401	1	12770
5403	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	5402	1	12771
5404	$e^+e^- \to \pi^+\eta\omega\bar{D}^{*-} D_2^{*+} D_s^-$	5403	1	12772
5405	$e^+e^- \to \pi^+\rho^-\eta\omega\omega D^+\bar{D}^{*-}$	5404	1	12773
5406	$e^+e^- \to \rho^+ K^- D_2^{*-} D_s^+ J/\psi$	5405	1	12774
5407	$e^+e^- \to \pi^0\rho^-\eta D^{*+}\bar{D}^{*-}\bar{p}\Delta^{++}$	5406	1	12775
5408	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+ K^* K^{*-} D^- D^{*+}$	1096	1	12776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5409	$e^+e^- \to \tau^+\nu_\tau D^+ D^- \Delta^- \bar{\Delta}^0$	5408	1	12777
5410	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^- D^+ \bar{D}^{*-}\bar{n}p$	5409	1	12778
5411	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^{*-} D^+ D^0 \bar{D}^0$	5410	1	12779
5412	$e^+e^- \to \pi^0\omega\omega K^* K^- D^- D^{*+}\bar{n}p$	5411	1	12780
5413	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D_2^{*+}\Delta^+\bar{\Xi}_c^{*-}$	5412	1	12781
5414	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\rho^- K^0\bar{K}^0\bar{K}^0\bar{K}^0 K^+ K^+ K^+ K^- D^+ D^-$	5413	1	12782
5415	$e^+e^- \to \pi^0\pi^0\pi^+\eta\omega\bar{K}^0\bar{D}^{*-} D^0\bar{D}^0$	1097	1	12783
5416	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+ D^-$	5415	1	12784
5417	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\eta' D^+\bar{D}^{*-}\bar{D}^0$	5416	1	12785
5418	$e^+e^- \to \pi^+\eta K^* K^- D^+ D^0 D_s^{*-}$	5417	1	12786
5419	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	5418	1	12787
5420	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	5419	1	12788
5421	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\omega\omega D^{*+}\bar{D}^{*-}$	5420	1	12789
5422	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	5421	1	12790
5423	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^-\rho^- D^+\bar{D}^{*-}$	5422	1	12791
5424	$e^+e^- \to e^+\nu_e\rho^0\bar{K}^0\bar{D}^{*-} D^0\bar{D}^0$	1098	1	12792
5425	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^{*+} K^{*-} D^+\bar{D}^{*-}$	5424	1	12793
5426	$e^+e^- \to e^-\bar{\nu}_e\pi^+ D^{*+} n\bar{\Xi}_c'^-$	5425	1	12794
5427	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\omega K^0 K^- D^{*+}\bar{D}^{*0}$	5426	1	12795
5428	$e^+e^- \to \rho^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-} D_s^- D_s^{*+}$	5427	1	12796
5429	$e^+e^- \to \pi^0\pi^+\pi^- K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p$	5428	1	12797
5430	$e^+e^- \to \pi^0\pi^- D^-\bar{D}^0 D_s^+ D_s^{*+}$	1099	1	12798
5431	$e^+e^- \to \pi^+\pi^-\omega K^0 K^+ K^- D^0\bar{D}^0 n\bar{\Delta}^0$	1100	1	12799
5432	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0 K^0\bar{K}^0\bar{K}^0\bar{K}^0\phi D^+\bar{D}^{*-}$	5431	1	12800
5433	$e^+e^- \to \bar{K}^* K^{*+}\bar{D}^{*-} D^0 n\bar{\Delta}^0$	5432	1	12801
5434	$e^+e^- \to K^{*-} D^{*+}\bar{D}^0 D_s^+ D_1^-\gamma$	5433	1	12802
5435	$e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^0 D^+ D^{*+}\bar{D}^{*0}$	5434	1	12803
5436	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+} D_s^+ n\bar{p}$	5435	1	12804
5437	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^+ D^-$	5436	1	12805
5438	$e^+e^- \to \rho^- D^{*+}\bar{D}^{*-} D_{s0}^{*+}$	5437	1	12806
5439	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{K}^0 D^- D^{*+}\bar{D}^0$	269	1	12807
5440	$e^+e^- \to \pi^- K^* D^{*+} D^{*0}\bar{D}^{*0} p\bar{\Delta}^+$	5439	1	12808

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5441	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega K^{*+}D^+D^0\bar{D}^0$	5440	1	12809
5442	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}D^{*0}\bar{D}^{*0}$	5441	1	12810
5443	$e^+e^- \to \omega K^+D^-D^0D^{*0}$	5442	1	12811
5444	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0\bar{K}^0K^*D^+D^-$	5443	1	12812
5445	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+D^-$	5444	1	12813
5446	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^*\bar{K}^*K^-K^{*+}D^-D^-$	5445	1	12814
5447	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^0$	5446	1	12815
5448	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^0\bar{D}^0D_1^-$	5447	1	12816
5449	$e^+e^- \to \rho^-K^+D^+\bar{D}^{*-}D^0$	1102	1	12817
5450	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta D^-D^{*+}$	5449	1	12818
5451	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^{*+}\bar{D}^{*-}D_0^{*-}$	1103	1	12819
5452	$e^+e^- \to e^+\nu_e\pi^+K^{*-}\eta_cD_1^-$	5451	1	12820
5453	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-D^+D^{*+}\Sigma^+\bar{\Sigma}^-$	5452	1	12821
5454	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0K^0\bar{K}^0D^{*+}D_s^{*-}$	5453	1	12822
5455	$e^+e^- \to e^+\nu_e\pi^-\omega D^{*+}D_0^{*-}$	5454	1	12823
5456	$e^+e^- \to \pi^+\rho^+K^0K^{*-}D^-D^-\bar{\Lambda}\Lambda_c^+$	270	1	12824
5457	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-K^+K^-D^{*+}\bar{D}^{*-}$	5456	1	12825
5458	$e^+e^- \to \eta\omega\bar{K}^0K^+K^{*-}\eta_cn\bar{\Lambda}$	5457	1	12826
5459	$e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	5458	1	12827
5460	$e^+e^- \to \pi^+D^-D_2^{*+}D_s^{*-}$	5459	1	12828
5461	$e^+e^- \to \pi^0\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	5460	1	12829
5462	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^{*0}\bar{D}^{*0}p\bar{p}$	5461	1	12830
5463	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}\Delta^0\bar{\Sigma}_c^0$	5462	1	12831
5464	$e^+e^- \to \eta\omega K^*K^{*-}D^{*+}\bar{D}^{*-}D_s^{*+}$	5463	1	12832
5465	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta K^{*+}K^{*-}D^-D^{*+}$	5464	1	12833
5466	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-\rho^-\eta\omega\bar{D}^0\bar{D}^0$	5465	1	12834
5467	$e^+e^- \to \pi^0\rho^0\rho^-\eta\omega K^*D^+\eta_c$	5466	1	12835
5468	$e^+e^- \to K^0\bar{K}^0K^+K^-D^+D^-$	5467	1	12836
5469	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^-\rho^-\phi D^+D_s^+$	5468	1	12837
5470	$e^+e^- \to \pi^-\rho^+\omega\bar{K}^0D^+D^-D^{*0}$	5469	1	12838
5471	$e^+e^- \to \rho^0\rho^+\bar{D}^{*-}D_s^{*-}D_1^+$	5470	1	12839
5472	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^-D_2^{*+}D_s^{*+}$	1105	1	12840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5473	$e^+e^- \to K^0 D^{*+} \bar{D}^{*-} \bar{\Lambda} \Sigma^+$	5472	1	12841
5474	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\omega K^0 D^- D^- D^{*+}$	5473	1	12842
5475	$e^+e^- \to \pi^0\rho^+\rho^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	5474	1	12843
5476	$e^+e^- \to \pi^0\pi^+\rho^- K^0 K^- D^+ \bar{D}^0$	5475	1	12844
5477	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0 K^+ D^+ D^{*+}$	5476	1	12845
5478	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\omega D^- D^{*0}$	5477	1	12846
5479	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\bar{K}^0 D^+ \bar{D}^{*-}\bar{D}^{*-}$	5478	1	12847
5480	$e^+e^- \to \pi^0\pi^+ K^+ D^+ D^- D_s^{*-} n\bar{p}$	5479	1	12848
5481	$e^+e^- \to \pi^0\rho^0\pi^+\rho^- K^+ K^- D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	5480	1	12849
5482	$e^+e^- \to \pi^0\pi^+ K^0 \bar{D}^{*-}\psi(3770)$	5481	1	12850
5483	$e^+e^- \to \pi^0\pi^- K_2^{*0} D^+ J/\psi\Delta^{++}\bar{\Delta}^{++}$	5482	1	12851
5484	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^0 K^+ K^+ K^- D^- D^0$	5483	1	12852
5485	$e^+e^- \to e^+\nu_e\bar{D}^{*-} D^0 p\bar{p}$	5484	1	12853
5486	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta D^+ D^-$	1106	1	12854
5487	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\bar{K}^0 D^{*+}\bar{D}^{*-} D_s^{*+}$	5486	1	12855
5488	$e^+e^- \to D^+ D^{*+} D_s^{*-} D_{s1}'^-$	5487	1	12856
5489	$e^+e^- \to \pi^+\pi^-\omega D^- D^0\bar{D}^0 D_s^+$	5488	1	12857
5490	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^- K^0 D^- D^{*+} D^{*+}$	5489	1	12858
5491	$e^+e^- \to e^+\nu_e\pi^-\omega K^0\bar{K}^* D^+ \bar{D}^{*-}$	1107	1	12859
5492	$e^+e^- \to \rho^-\eta K^+ K^-\eta_c\bar{\Lambda}\Xi_c'^+$	5491	1	12860
5493	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^- K^0 D^+\bar{D}^{*0}$	5492	1	12861
5494	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\eta D^+ D_0^{*-}$	5493	1	12862
5495	$e^+e^- \to \tau^+\nu_\tau K^- D^+ D^-\bar{D}^{*0}$	5494	1	12863
5496	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\bar{D}^{*-} D^{*0}$	5495	1	12864
5497	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-\rho^- D^+ D^{*+}$	5496	1	12865
5498	$e^+e^- \to D^{*+} D^{*+} D_s^- D_{s1}'^-$	5497	1	12866
5499	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+ K^* D^- D_0^{*+}$	5498	1	12867
5500	$e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^{*0} D_s^+\psi'$	1108	1	12868
5501	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+}\bar{D}^{*-} D_2^{*+}$	1109	1	12869
5502	$e^+e^- \to \rho^0\rho^-\eta\bar{K}^0 D^{*+}\bar{\Delta}^0\Sigma_c^0$	5501	1	12870
5503	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta' D^{*+}\bar{D}^{*-}$	5502	1	12871
5504	$e^+e^- \to \tau^+\nu_\tau\bar{K}^* D^- D^{*+} D_1'^-$	5503	1	12872

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5505	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^0\Delta^0\bar{\Sigma}^0$	5504	1	12873
5506	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^*\eta' D^{*+}D^{*+}\bar{D}^{*-}$	5505	1	12874
5507	$e^+e^- \to \pi^0\rho^-\omega\bar{K}^0 D^+D^+D_s^-$	1110	1	12875
5508	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta\omega D^+D^-$	5507	1	12876
5509	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-}$	5508	1	12877
5510	$e^+e^- \to e^+\nu_e D^{*+}D_s^- D_1'^-\gamma$	1111	1	12878
5511	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-K^+K^-K^-D^+D^{*0}\bar{D}^{*0}$	5510	1	12879
5512	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}$	5511	1	12880
5513	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^+D^+D^-D^0$	1112	1	12881
5514	$e^+e^- \to \rho^0\eta K^0 D^-\bar{D}^0\bar{n}p$	5513	1	12882
5515	$e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}n\bar{p}$	1113	1	12883
5516	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega\omega D^+D^{*+}$	5515	1	12884
5517	$e^+e^- \to \pi^+\rho^-K^0\bar{K}^0D^-D_1'^+$	271	1	12885
5518	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\eta K^0D^{*+}\Lambda\bar{\Sigma}_c^0$	5517	1	12886
5519	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega K^0\bar{K}^*K^+D^{*+}D_s^-$	5518	1	12887
5520	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^{*+}D_1^-$	5519	1	12888
5521	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\rho^-D^{*+}\bar{D}^0$	5520	1	12889
5522	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\omega D^{*+}D^{*+}$	5521	1	12890
5523	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^{*+}D^0D_s^{*-}$	5522	1	12891
5524	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*+}D^-\bar{\Delta}^+\Omega_c^{*0}$	5523	1	12892
5525	$e^+e^- \to \pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^-$	5524	1	12893
5526	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\bar{K}^*K^+D^-D^{*+}$	5525	1	12894
5527	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-K^{*+}D^{*+}D^0\bar{D}^{*0}$	5526	1	12895
5528	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}D^0$	1115	1	12896
5529	$e^+e^- \to \pi^-\eta\bar{K}^0\bar{K}^*\bar{D}^{*-}D_s^+D_s^+$	5528	1	12897
5530	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega K^0K^-D^{*+}D^{*+}$	5529	1	12898
5531	$e^+e^- \to \pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Xi}_c^{*0}$	1116	1	12899
5532	$e^+e^- \to \pi^-\bar{D}^{*0}D_s^+D_s^{*-}D_1^+$	5531	1	12900
5533	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D_2^{*+}D^{*0}D_s^{*-}$	5532	1	12901
5534	$e^+e^- \to \pi^+\pi^-D^+D_2^{*-}D_s^+D_s^-$	5533	1	12902
5535	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{K}^*\bar{D}^{*-}D_s^+$	1117	1	12903
5536	$e^+e^- \to \pi^-\pi^-\bar{K}^*K^+D^+D^-D_s^+$	5535	1	12904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5537	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+K^+K^-\eta' D^-\bar{D}^{*-}$	5536	1	12905
5538	$e^+e^- \to \pi^0\rho^-\omega\omega D^+D^+D_s^-$	5537	1	12906
5539	$e^+e^- \to \bar{K}^0K^-D^+D^-D^{*+}\bar{D}^{*0}$	5538	1	12907
5540	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^+D^-$	5539	1	12908
5541	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta K^0\bar{K}^0D^+D^-$	1118	1	12909
5542	$e^+e^- \to \pi^0K^0K^-K^{*-}D^{*+}D^{*+}\bar{D}^0$	5541	1	12910
5543	$e^+e^- \to \pi^0K^*D^-D^{*+}D^{*+}D_s^{*-}\gamma$	1119	1	12911
5544	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+D^-D_{s1}'^+$	5543	1	12912
5545	$e^+e^- \to e^+\nu_eD^-D^{*0}\bar{\Delta}^+\Sigma^+$	5544	1	12913
5546	$e^+e^- \to \mu^+\nu_\mu\rho^0D^0D_1'^-$	5545	1	12914
5547	$e^+e^- \to \pi^0\rho^0\rho^+\eta\eta\bar{D}^{*-}D_2^{*-}D_s^+$	5546	1	12915
5548	$e^+e^- \to \pi^-\pi^-\rho^+\omega D^+D^{*0}n\bar{\Lambda}$	5547	1	12916
5549	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-\bar{\Delta}^-\Delta^0$	5548	1	12917
5550	$e^+e^- \to \pi^+\rho^+\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*-}$	1120	1	12918
5551	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^+K^-D^-D^{*+}D^0$	5550	1	12919
5552	$e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	5551	1	12920
5553	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+D^-$	1121	1	12921
5554	$e^+e^- \to \pi^+\rho^+K^-\eta' D^+D^-D^-$	1122	1	12922
5555	$e^+e^- \to \rho^-D^+p\bar{\Sigma}_c^{*0}a_1^-$	5554	1	12923
5556	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+}D_1'^-$	5555	1	12924
5557	$e^+e^- \to \rho^+K^*\bar{K}^*K^-D^0n\bar{\Xi}_c'^0$	5556	1	12925
5558	$e^+e^- \to e^-\bar{\nu}_eX_u^+D^-D_s^{*+}$	5557	1	12926
5559	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*0}p\bar{p}$	5558	1	12927
5560	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	5559	1	12928
5561	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^+D^-D_s^+$	5560	1	12929
5562	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^+$	5561	1	12930
5563	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-}$	5562	1	12931
5564	$e^+e^- \to \pi^-\rho^+K^{*+}K^{*+}K^{*-}D^-D^{*+}\bar{D}^{*-}$	5563	1	12932
5565	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega K^0\bar{K}^0D^{*+}D_s^-$	5564	1	12933
5566	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0K^0K^0\bar{K}^*D^{*+}$	1123	1	12934
5567	$e^+e^- \to K^0\eta' D^+D^-D^0\Lambda\bar{\Sigma}^{*0}$	1124	1	12935
5568	$e^+e^- \to \pi^+\rho^+\rho^-\eta\eta\omega\bar{K}^*K^+D^-\bar{D}^{*-}$	5567	1	12936

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5569	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\omega D^-D^-$	5568	1	12937
5570	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\eta_c D_1^-$	5569	1	12938
5571	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-$	5570	1	12939
5572	$e^+e^- \to \pi^-\pi^-\rho^+\omega D^{*+}D_2^{*-}D_s^{*+}$	5571	1	12940
5573	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega K^0K^*D^-D_s^-p\bar{\Delta}^+$	5572	1	12941
5574	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*-}$	5573	1	12942
5575	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\omega D^-D^{*+}$	5574	1	12943
5576	$e^+e^- \to \rho^+\eta K^0\bar{K}^*K^-D^{*0}p\bar{\Sigma}_c^-$	1125	1	12944
5577	$e^+e^- \to D^{*+}D^{*0}p\bar{\Delta}^+a_1^-$	5576	1	12945
5578	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^0D^+D^-n\bar{p}$	5577	1	12946
5579	$e^+e^- \to \pi^-\pi^-\eta\eta\bar{K}^*D^{*+}D_s^+$	5578	1	12947
5580	$e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	5579	1	12948
5581	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*D^+D^-p\bar{p}$	5580	1	12949
5582	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	5581	1	12950
5583	$e^+e^- \to \rho^-\omega D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	5582	1	12951
5584	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-$	5583	1	12952
5585	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega K^+K^-D^+D^{*+}$	1126	1	12953
5586	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0n\bar{n}$	5585	1	12954
5587	$e^+e^- \to \pi^0\pi^0\rho^-D^+D^0n\bar{\Delta}^0$	5586	1	12955
5588	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^0K^+\bar{D}^{*0}D_s^-$	5587	1	12956
5589	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta K^*D^{*+}\bar{D}^{*-}D^{*0}$	1127	1	12957
5590	$e^+e^- \to \rho^0K^0K^+K^-D^-\bar{D}^{*0}D_{s1}'^+$	5589	1	12958
5591	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^0D^+\bar{D}^{*-}\bar{D}^0$	272	1	12959
5592	$e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^0\Delta^0\bar{\Delta}^+$	5591	1	12960
5593	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^0$	5592	1	12961
5594	$e^+e^- \to \pi^+\omega K^-\bar{D}^{*-}\eta_c a_1^+\gamma$	5593	1	12962
5595	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*+}$	5594	1	12963
5596	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-K^{*+}D^{*+}D^{*+}\bar{D}^0$	5595	1	12964
5597	$e^+e^- \to \pi^0\rho^+\eta'D^-D^0$	5596	1	12965
5598	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^-\omega D^+D^+$	5597	1	12966
5599	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0K^+K^{*-}D^+D^-\bar{D}^{*-}$	5598	1	12967
5600	$e^+e^- \to \pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^{*0}D_s^{*+}$	5599	1	12968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5601	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 D^- D^{*+} D_s^{*+}\gamma$	5600	1	12969
5602	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{D}^{*-}$	5601	1	12970
5603	$e^+e^- \to e^+\nu_e\rho^-\omega D^+ D_1^-$	5602	1	12971
5604	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\eta K^{*-} D^-$	5603	1	12972
5605	$e^+e^- \to \rho^0\eta K^+\eta'\bar{D}^{*-} D^0 D^{*0}$	5604	1	12973
5606	$e^+e^- \to \pi^+\pi^-\pi^-\pi^- K^0 K^+ D^+ D^+ D_s^-$	5605	1	12974
5607	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	5606	1	12975
5608	$e^+e^- \to e^-\bar{\nu}_e\pi^- D^+ D^{*+} p\bar{\Delta}^+$	5607	1	12976
5609	$e^+e^- \to e^-\bar{\nu}_e\pi^0 K^+ D^- D^{*+}\bar{\Sigma}^+\Xi^-$	5608	1	12977
5610	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 K^+ D^- D^{*+} D^{*0}$	5609	1	12978
5611	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-\bar{\Delta}^+\Sigma_c^{++}$	5610	1	12979
5612	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\omega\omega D^- D^{*+}$	1129	1	12980
5613	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega K^+ D^- D^{*+} D^{*0}$	5612	1	12981
5614	$e^+e^- \to \pi^-\rho^+\omega K^0\bar{K}^* D^+ D^-\bar{p}\Delta^+$	5613	1	12982
5615	$e^+e^- \to \rho^0 K^0 K^* K^{*-} D^+ D^- D^{*+}\gamma$	5614	1	12983
5616	$e^+e^- \to \pi^0\rho^-\eta K^0 D^{*+} D^{*+}\bar{D}^{*-}$	5615	1	12984
5617	$e^+e^- \to \pi^-\pi^-\rho^+\eta\bar{K}^* K^+\phi D^+\bar{D}^{*-}$	5616	1	12985
5618	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0 K^+ D^- D^0 D_s^{*-}$	1130	1	12986
5619	$e^+e^- \to \pi^+\rho^-\bar{K}^0 K^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	5618	1	12987
5620	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^* K^- K^{*+} K^{*-} D^{*+}$	5619	1	12988
5621	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega D^- D^{*+}$	1131	1	12989
5622	$e^+e^- \to \pi^+ K^0\bar{K}^* D^- D^{*+} a_1^-$	5621	1	12990
5623	$e^+e^- \to \pi^-\eta\omega D^{*+}\bar{D}^{*-} D_s^{*+}$	5622	1	12991
5624	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^0 D^{*+}\bar{D}^{*-} D^{*0}$	1132	1	12992
5625	$e^+e^- \to e^-\bar{\nu}_e D^+ D_1^+ D_{s1}'^-$	5624	1	12993
5626	$e^+e^- \to \rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*0} D_s^-$	5625	1	12994
5627	$e^+e^- \to \pi^+\pi^+\pi^- K^- K^{*+} K^{*+} K^{*-}\bar{D}^{*-} D^0$	5626	1	12995
5628	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+} D^{*0}$	5627	1	12996
5629	$e^+e^- \to \pi^- D_2^{*+} D_s^-\bar{\Delta}^+\Sigma_c^{++}$	5628	1	12997
5630	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0\bar{K}^* D^-\bar{\Sigma}^{*0}\Xi_c^{*+}$	5629	1	12998
5631	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^0\bar{D}^{*-}$	5630	1	12999
5632	$e^+e^- \to \eta\omega\bar{K}^0 K^+ D^- D^{*+} D_s^{*-}$	5631	1	13000

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5633	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0D_2^{*-}\psi(3770)$	5632	1	13001
5634	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}D^0$	5633	1	13002
5635	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	5634	1	13003
5636	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\phi D^+D^-D^-$	5635	1	13004
5637	$e^+e^- \to \pi^-\rho^+D^0D_s^-p\bar{\Sigma}_c^{*0}$	5636	1	13005
5638	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}a_1^-$	1133	1	13006
5639	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+D^-\bar{p}\Lambda_c^+$	1134	1	13007
5640	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^+J/\psi\bar{K}_1^0$	5639	1	13008
5641	$e^+e^- \to \pi^-\rho^+\bar{D}^0D^{*0}n\bar{\Delta}^0$	5640	1	13009
5642	$e^+e^- \to \rho^-\eta\omega D^+J/\psi K_1^0$	5641	1	13010
5643	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\omega\eta'D^+D^-$	5642	1	13011
5644	$e^+e^- \to \rho^0\pi^-K^+K^-J/\psi\bar{\Delta}^0\Sigma_c^{*+}$	5643	1	13012
5645	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta'D^+\bar{D}^{*-}$	1135	1	13013
5646	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	5645	1	13014
5647	$e^+e^- \to \bar{K}^0\bar{K}^0\bar{K}^0K^*K^+K^-D^+\bar{D}^{*-}$	5646	1	13015
5648	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\eta'D^-\bar{D}^{*0}$	5647	1	13016
5649	$e^+e^- \to \pi^0\rho^0\omega\bar{D}^{*-}D^{*0}D_s^{*+}$	5648	1	13017
5650	$e^+e^- \to \pi^+\pi^-\omega\omega K^0\bar{K}^*D^-D^{*+}D^{*0}$	5649	1	13018
5651	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^0\chi_{c2}n\bar{n}$	5650	1	13019
5652	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{K}^0D^-$	5651	1	13020
5653	$e^+e^- \to \pi^0\pi^+D^-\bar{p}\Sigma_c^+$	5652	1	13021
5654	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^+D^-D_s^{*+}\gamma$	5653	1	13022
5655	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^+D^-D_s^+$	5654	1	13023
5656	$e^+e^- \to \pi^-K^+K^{*-}D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	5655	1	13024
5657	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^+D^-\chi_{c2}$	5656	1	13025
5658	$e^+e^- \to \pi^0\pi^+K^{*+}\bar{D}^{*-}D^0D^{*0}D_s^{*-}$	5657	1	13026
5659	$e^+e^- \to \pi^0\pi^0\pi^+\omega\omega\omega K^0K^-D^-D^{*+}$	5658	1	13027
5660	$e^+e^- \to \pi^0\pi^+\eta K^{*-}D^-D^{*+}\bar{D}^{*0}$	5659	1	13028
5661	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	5660	1	13029
5662	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\omega\omega K^+K^-\bar{D}^0D^{*0}\bar{D}^{*0}$	5661	1	13030
5663	$e^+e^- \to \rho^0\pi^-\eta K^+D^+D^-D^{*0}$	5662	1	13031
5664	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^0\bar{K}^*D^+D^-$	1136	1	13032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5665	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	5664	1	13033
5666	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_s^+D_s^-$	5665	1	13034
5667	$e^+e^- \to \rho^0\pi^+K^0K^0\bar{K}^0K^-D^+\bar{D}^{*-}$	5666	1	13035
5668	$e^+e^- \to \pi^-\rho^+\eta\bar{K}^0D^-D^{*+}$	5667	1	13036
5669	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^0$	273	1	13037
5670	$e^+e^- \to \rho^-D^{*+}a_1^-D_1'^+\gamma$	5669	1	13038
5671	$e^+e^- \to \pi^0\pi^-K^0\eta_c p\bar{\Sigma}_c^0$	5670	1	13039
5672	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0K^+K^+K^-K^-D^+\bar{D}^{*-}$	5671	1	13040
5673	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^-D^{*+}$	5672	1	13041
5674	$e^+e^- \to \pi^+\bar{K}^0K^*D^-D^0D^{*0}\bar{D}^{*0}$	5673	1	13042
5675	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}\bar{n}\Delta^+$	5674	1	13043
5676	$e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}D_1^+\gamma$	5675	1	13044
5677	$e^+e^- \to \pi^0\pi^0\pi^+D^-D^0D_s^{*+}D_s^{*-}$	5676	1	13045
5678	$e^+e^- \to \pi^0\pi^-\rho^-\omega\bar{K}^0\bar{K}^0K^+K^{*+}D^{*+}\bar{D}^{*-}$	1138	1	13046
5679	$e^+e^- \to e^+\nu_e\rho^0\rho^+\omega D^-D^-$	5678	1	13047
5680	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega D^-D^{*+}$	5679	1	13048
5681	$e^+e^- \to \eta\bar{K}^0\bar{K}^*K^-D^{*+}D_s^{*+}D_s^{*-}$	5680	1	13049
5682	$e^+e^- \to e^-\bar{\nu}_e\pi^-\omega K^+D^{*+}\bar{D}^{*0}$	1139	1	13050
5683	$e^+e^- \to \pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}n\bar{n}$	5682	1	13051
5684	$e^+e^- \to e^+\nu_e\pi^0\pi^0\eta\omega\omega\bar{D}^{*-}D^{*0}$	5683	1	13052
5685	$e^+e^- \to \pi^0\pi^0K^{*-}D^+D^-\bar{D}^{*0}D_s^+$	5684	1	13053
5686	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^0D_s^{*+}$	5685	1	13054
5687	$e^+e^- \to e^+\nu_e\rho^0\pi^+\eta D^-D^-$	274	1	13055
5688	$e^+e^- \to \pi^-K^+K^{*-}D^+D^0\bar{D}^0$	70	1	13056
5689	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^-D^{*+}a_1^-$	5688	1	13057
5690	$e^+e^- \to e^+\nu_e\rho^+D^0D_s^{*-}D_1'^-$	5689	1	13058
5691	$e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0K^+\bar{D}^{*-}D_1^+$	5690	1	13059
5692	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-K^*D^+D^{*+}$	5691	1	13060
5693	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}p\bar{p}D_{s1}'^+$	5692	1	13061
5694	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^{*0}D_s^{*+}$	5693	1	13062
5695	$e^+e^- \to \pi^+\pi^-K^0D^{*0}\bar{D}^{*0}D_s^-D_1^+$	5694	1	13063
5696	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^+\bar{D}^{*-}$	1142	1	13064

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5697	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^- D_1^+$	5696	1	13065
5698	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	5697	1	13066
5699	$e^+e^- \to \pi^-\eta D^{*+}D^{*+}\Delta^-\bar{n}$	5698	1	13067
5700	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^* D^+ D^-\bar{n}p$	5699	1	13068
5701	$e^+e^- \to \pi^0\rho^+\bar{K}^0 K^{*+} D^-\bar{D}^{*-}$	5700	1	13069
5702	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}\bar{D}^0$	5701	1	13070
5703	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-}$	1143	1	13071
5704	$e^+e^- \to \pi^+\pi^-\rho^-\omega\omega\bar{K}^0 D^{*+}D^{*+}\bar{D}^{*-}$	5703	1	13072
5705	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^{*+}\bar{\Sigma}^{*0}\Omega_c^0$	5704	1	13073
5706	$e^+e^- \to \pi^0 K^0\bar{K}^0 D^+\bar{D}^{*-} D_s^+ D_s^-$	5705	1	13074
5707	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega D^- D^{*0}$	5706	1	13075
5708	$e^+e^- \to \pi^0\pi^0\rho^- K^+ K^- D^+ D^+ D_s^{*-}$	5707	1	13076
5709	$e^+e^- \to \omega K^0 K^+ K^- K^{*-} D^+\bar{D}^{*-}\bar{n}p$	5708	1	13077
5710	$e^+e^- \to \pi^0\pi^+ K^+ K^- D^+ D^- D_s^-$	5709	1	13078
5711	$e^+e^- \to \rho^+\bar{K}^0 K^* K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^{*0}\gamma$	1144	1	13079
5712	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	5711	1	13080
5713	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^- K^0\bar{K}^0 K^+ K^{*-} D^+\bar{D}^{*-}$	5712	1	13081
5714	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^- D^+ D^-\Sigma^+\bar{\Sigma}^-$	5713	1	13082
5715	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^- D^- D^{*+}\bar{D}^{*0}$	5714	1	13083
5716	$e^+e^- \to \pi^+\eta\omega\bar{K}^* K^+ K^- D^+ D^-\bar{D}^{*-}$	5715	1	13084
5717	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+ D^+ D^{*0}$	5716	1	13085
5718	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\omega\bar{K}^0 K^* K^{*+} D^{*+}\gamma$	5717	1	13086
5719	$e^+e^- \to \pi^0\rho^+ K^0 K^0\bar{K}^0 K^- D^- D^{*+}$	5718	1	13087
5720	$e^+e^- \to \pi^0\pi^0\rho^+\rho^+ D^-\bar{D}^{*-}$	5719	1	13088
5721	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+ D^{*0}$	5720	1	13089
5722	$e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^* D^- D^{*+}$	5721	1	13090
5723	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}\bar{\Delta}^0 p$	5722	1	13091
5724	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega\bar{K}^0 K^*\bar{K}^* D_1^-$	5723	1	13092
5725	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0 D^- D_1'^+$	5724	1	13093
5726	$e^+e^- \to \bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+$	1145	1	13094
5727	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+ D^-\bar{p}\Xi_c'^+$	5726	1	13095
5728	$e^+e^- \to D^{*+}\bar{D}^{*-} D_s^{*-}\bar{\Delta}^0 p$	1146	1	13096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5729	$e^+e^- \to \pi^- D^- D_s^{*+} \bar{n} \Sigma_c^+ \gamma$	5728	1	13097
5730	$e^+e^- \to \rho^- D^+ D^+ \bar{D}^0 D_s^-$	1147	1	13098
5731	$e^+e^- \to \pi^- K^{*-} D^{*+} D^{*+} \bar{D}^{*0} p\bar{p}$	1148	1	13099
5732	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+ K^0 K^- \eta' D^+ D^-$	5731	1	13100
5733	$e^+e^- \to \pi^+\pi^- K^{*-} D^+ D^- \bar{D}^{*0} D_s^{*+}$	5732	1	13101
5734	$e^+e^- \to \pi^+\rho^+\eta\omega K^* K^- D^- \bar{n}\Sigma_c^0$	1149	1	13102
5735	$e^+e^- \to e^+\nu_e\pi^0 K^* K^{*-} \eta' D^+ \bar{D}^{*-}$	5734	1	13103
5736	$e^+e^- \to \pi^0\pi^0\rho^+ \bar{K}^0 K^* K^- D^- D^{*+} \bar{D}^0$	5735	1	13104
5737	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^- D^{*+} \bar{D}^{*-} n\bar{n}$	5736	1	13105
5738	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+ \bar{D}^{*-} D_1^+ \gamma$	1150	1	13106
5739	$e^+e^- \to e^-\bar{\nu}_e\pi^0 K^{*+} \phi D^- D^{*+}$	5738	1	13107
5740	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^0 D^{*+} D^{*+} \bar{D}^{*-}$	5739	1	13108
5741	$e^+e^- \to \pi^0\pi^+\pi^+ K^0 \bar{K}^0 D^- \bar{D}^{*0} \bar{\Delta}^{++} \Sigma^{*+}$	5740	1	13109
5742	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta D^{*+} D^{*+} \bar{D}^0$	5741	1	13110
5743	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^+ \bar{D}^{*-} D_1'^-$	1151	1	13111
5744	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega\eta' D^+ \bar{D}^{*0}$	5743	1	13112
5745	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+} \Delta^0 \bar{\Sigma}_c^0$	5744	1	13113
5746	$e^+e^- \to \pi^+\pi^-\rho^+ \bar{D}^{*-} \bar{D}^{*-} \bar{\Sigma}^+ \Sigma^0$	5745	1	13114
5747	$e^+e^- \to \rho^+ \bar{K}^0 D^- D^{*+} \bar{D}^{*-} \gamma$	5746	1	13115
5748	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\rho^+ D^+ D_1^+$	1152	1	13116
5749	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^- K^* D^+ D^-$	5748	1	13117
5750	$e^+e^- \to \pi^0\pi^+\rho^-\eta \bar{D}^{*-} D_2^{*+}$	5749	1	13118
5751	$e^+e^- \to D^+ \bar{D}^0 D_s^- n\bar{n}$	5750	1	13119
5752	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0 \bar{K}^0 D^{*+} \bar{D}^{*-}$	5751	1	13120
5753	$e^+e^- \to \pi^0\rho^0\pi^-\pi^- K^0 \bar{K}^0 \bar{K}^0 K^+ D^{*+} D_s^{*+} D_1^-$	5752	1	13121
5754	$e^+e^- \to \pi^0\pi^0\rho^-\omega K^* D^+ D^- D^{*+}$	5753	1	13122
5755	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^- \bar{K}^0 K^+ \eta' D^- D^{*+}$	5754	1	13123
5756	$e^+e^- \to \pi^0\pi^+ K^* K^- D^+ D^+ D^- \bar{D}^{*-}$	5755	1	13124
5757	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+ K^* D^{*+} D^{*0} \bar{D}^{*0}$	5756	1	13125
5758	$e^+e^- \to \pi^0\pi^0\rho^+ \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*-}$	5757	1	13126
5759	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^- \bar{K}^0 K^{*+} D^+ D^{*+}$	1153	1	13127
5760	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D_0^{*+} D_1'^-$	5759	1	13128

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5761	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}a_1^-$	5760	1	13129
5762	$e^+e^- \to \pi^0\pi^0\pi^- K^0K^+D^+D^-D^{*+}D_s^-$	5761	1	13130
5763	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	5762	1	13131
5764	$e^+e^- \to \rho^0K^-D^+\bar{D}^{*0}n\bar{\Sigma}_c^0$	5763	1	13132
5765	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega K^-D^-\bar{D}^{*0}$	5764	1	13133
5766	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}$	5765	1	13134
5767	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta D^-D^{*+}\bar{n}p$	276	1	13135
5768	$e^+e^- \to \pi^-\pi^-\bar{n}\bar{\Delta}^+\Sigma_c^+\Sigma_c^{*++}$	5767	1	13136
5769	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*-}$	5768	1	13137
5770	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+D^+D^{*0}$	5769	1	13138
5771	$e^+e^- \to \rho^-\omega\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	5770	1	13139
5772	$e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-K^0K^+K^-\bar{D}^{*-}D^{*0}$	5771	1	13140
5773	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^-\eta\eta D^+\bar{D}^{*0}$	5772	1	13141
5774	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\rho^-D^+D^-$	71	1	13142
5775	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^+K^-\bar{D}^{*-}D^0\bar{p}\Lambda$	5774	1	13143
5776	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^0$	5775	1	13144
5777	$e^+e^- \to D^{*+}D^{*+}\bar{D}^{*-}a_1^-$	5776	1	13145
5778	$e^+e^- \to \pi^0\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	278	1	13146
5779	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-}D_s^+$	1157	1	13147
5780	$e^+e^- \to e^+\nu_e\bar{K}^0D^-D^{*+}D_1^-$	5779	1	13148
5781	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+K^+K^-D^-\bar{D}^{*-}$	5780	1	13149
5782	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^0K^0\bar{K}^0K^-\bar{D}^{*-}D^0$	1158	1	13150
5783	$e^+e^- \to \bar{K}^0K^{*+}D^+D^-D^-D^0$	5782	1	13151
5784	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-\omega\eta' D^+p\bar{\Sigma}_c^0$	5783	1	13152
5785	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-}$	5784	1	13153
5786	$e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}$	5785	1	13154
5787	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^{*-}D^-D^{*+}\bar{D}^0$	1159	1	13155
5788	$e^+e^- \to \pi^-K^*D^+n\bar{\Sigma}_c^{*0}$	72	1	13156
5789	$e^+e^- \to e^-\bar{\nu}_e\rho^0\omega D^{*+}p\bar{\Lambda}_c^-$	5788	1	13157
5790	$e^+e^- \to e^+\nu_e\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}\Delta^+$	73	1	13158
5791	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^+D^-D_2^{*+}$	5790	1	13159
5792	$e^+e^- \to \pi^0\pi^-\eta\bar{D}^0D_s^+\bar{\Delta}^0\Sigma_c^{*0}$	1162	1	13160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5793	$e^+e^- \to \pi^- D^{*+} D_2^{*+} D_s^-$	5792	1	13161
5794	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	281	1	13162
5795	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ D^{*+}\bar{D}^{*-} D_s^{*-}$	5794	1	13163
5796	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{\Sigma}^{*0}\Sigma^{*+} D_0^{*+}$	5795	1	13164
5797	$e^+e^- \to \pi^+\eta' D^- D^{*+} a_1^-$	5796	1	13165
5798	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^* D^- D^{*+}$	5797	1	13166
5799	$e^+e^- \to e^+\nu_e\pi^-\eta\eta D^- D^{*+}$	5798	1	13167
5800	$e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-} D_{s1}'^-$	1164	1	13168
5801	$e^+e^- \to D^- D^{*0} p\bar{\Delta}^+ a_1^+$	5800	1	13169
5802	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+ D^+ D^-\Delta^-\bar{\Delta}^0$	1165	1	13170
5803	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\rho^-\omega D^+ D_1^+$	5802	1	13171
5804	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\pi^-\rho^+ D^+\Delta^-\bar{\Delta}^0$	5803	1	13172
5805	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega K^+ D^{*+}\bar{D}^0$	282	1	13173
5806	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^- D^+\bar{D}^{*-}$	1167	1	13174
5807	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^- D^- D^{*+}\bar{D}^0$	5806	1	13175
5808	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- K^0 K^- K^{*+} K^{*-}\phi D^+ D_s^+$	5807	1	13176
5809	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0 D^- D^{*0} D_s^+$	5808	1	13177
5810	$e^+e^- \to K^* D^{*+} D^0\bar{D}^{*0} a_1^-$	5809	1	13178
5811	$e^+e^- \to \rho^- D^{*+}\bar{D}^{*0}\bar{n}\Delta^0$	1168	1	13179
5812	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-} D^0 D_1^+$	5811	1	13180
5813	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0 K^{*+}\bar{D}^{*-} D_1^+$	5812	1	13181
5814	$e^+e^- \to \pi^0\rho^0\pi^+\eta\omega K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	5813	1	13182
5815	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-} D^0$	5814	1	13183
5816	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta D^- D^{*+} D_{s1}'^-$	1169	1	13184
5817	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-} D_s^+\gamma\gamma$	5816	1	13185
5818	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0 D^- D^{*0}\bar{D}^{*0}$	5817	1	13186
5819	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\rho^-\eta' D^+ D^+$	1170	1	13187
5820	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\bar{K}^0 D^+\bar{D}^{*-}\bar{n}p$	1171	1	13188
5821	$e^+e^- \to \bar{K}^* K^+ K^- D^+\bar{D}^{*-} D^{*0}$	1172	1	13189
5822	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega K^0 D^+\bar{D}^0$	5821	1	13190
5823	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+ K^* K^- K^{*-} D^+ D^-\bar{D}^{*0}$	1173	1	13191
5824	$e^+e^- \to \pi^0\rho^0\rho^0 K^0\bar{D}^{*-} D_s^+\eta_c$	5823	1	13192

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5825	$e^+e^- \to \pi^-\rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	5824	1	13193
5826	$e^+e^- \to \pi^0\rho^0\rho^-D^{*+}D^{*+}D_{s1}^-$	5825	1	13194
5827	$e^+e^- \to \pi^-K^+D_2^{*+}D^{*0}\bar{D}^{*0}D_s^-\gamma\gamma$	5826	1	13195
5828	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD_2^{*+}D_0^{*+}$	5827	1	13196
5829	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	5828	1	13197
5830	$e^+e^- \to \rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^+D^-$	5829	1	13198
5831	$e^+e^- \to \pi^0\rho^0\omega\omega K^*D^0\bar{D}^{*0}$	283	1	13199
5832	$e^+e^- \to e^+\nu_e\pi^+\bar{\Delta}^+\Sigma_c^{*0}D_1^-$	5831	1	13200
5833	$e^+e^- \to \rho^+\rho^+\rho^-\rho^-D^+D^-$	5832	1	13201
5834	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^-K^{*-}D^{*+}D^0\bar{D}^{*0}$	5833	1	13202
5835	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^+\bar{K}^*K^+D^-D_2^{*-}$	5834	1	13203
5836	$e^+e^- \to \pi^0\pi^0\rho^-K^0\bar{K}^0D^{*+}D_2^{*+}D_s^{*-}$	5835	1	13204
5837	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\omega D^+D^-$	5836	1	13205
5838	$e^+e^- \to \pi^0\pi^0\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-$	5837	1	13206
5839	$e^+e^- \to \pi^0\pi^-\bar{n}p\Sigma_c^+\bar{\Sigma}_c^-$	5838	1	13207
5840	$e^+e^- \to \omega\phi D^-D^0D_s^+$	5839	1	13208
5841	$e^+e^- \to \bar{K}^*D_2^{*-}D^{*0}\bar{D}^{*0}D_s^{*+}$	5840	1	13209
5842	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	5841	1	13210
5843	$e^+e^- \to e^+\nu_e\rho^-D^-D_1'^+$	1175	1	13211
5844	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^{*-}D^-D^0$	5843	1	13212
5845	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0K^-D^+\bar{D}^0$	5844	1	13213
5846	$e^+e^- \to \pi^-\rho^+\omega\bar{D}^{*-}\bar{n}\Sigma_c^+\gamma$	5845	1	13214
5847	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega D^{*+}D_1^-$	5846	1	13215
5848	$e^+e^- \to \rho^-D^+\bar{D}^{*-}p\bar{p}a_1^+$	5847	1	13216
5849	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^*K^{*+}D^-D^{*+}\gamma\gamma$	5848	1	13217
5850	$e^+e^- \to \pi^0\pi^+\rho^-\eta K^-D^+D^-\Lambda\bar{\Xi}^+$	284	1	13218
5851	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\bar{K}^0K^+D^+\bar{D}^0D^{*0}$	5850	1	13219
5852	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^-D^-D^{*+}$	5851	1	13220
5853	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\pi^-\rho^+\omega D^+D^{*+}$	5852	1	13221
5854	$e^+e^- \to \pi^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}D^0a_1^+$	5853	1	13222
5855	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\eta D^+D^{*+}\bar{D}^0$	5854	1	13223
5856	$e^+e^- \to \pi^0\rho^0\pi^-K^0K^{*-}D^+\Delta^+\bar{\Xi}_c^{*0}$	285	1	13224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5857	$e^+e^- \to \pi^0\pi^+\omega K^*\bar{D}^{*-}J/\psi$	5856	1	13225
5858	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega\bar{K}^0K^+\bar{D}^{*-}D^0$	5857	1	13226
5859	$e^+e^- \to \rho^0\rho^-\omega D^+D^+\bar{D}^{*-}$	5858	1	13227
5860	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\rho^-K^0D^+D^{*+}\bar{D}^0$	5859	1	13228
5861	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^-\chi_{c1}$	1178	1	13229
5862	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta'D^{*+}\bar{D}^{*-}$	286	1	13230
5863	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^-D^{*+}\bar{n}p\bar{p}\Delta^{++}$	1180	1	13231
5864	$e^+e^- \to \tau^+\nu_\tau\rho^0K^+D_s^-D_1'^-$	5863	1	13232
5865	$e^+e^- \to \pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	5864	1	13233
5866	$e^+e^- \to \tau^-\bar{\nu}_\tau\omega D_2^{*+}n\bar{\Sigma}_c^0$	5865	1	13234
5867	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+D^{*0}D_s^{*-}$	5866	1	13235
5868	$e^+e^- \to \pi^+\pi^-\pi^-D^+J/\psi K_1^0$	5867	1	13236
5869	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\eta D^{*+}\bar{D}^{*-}$	5868	1	13237
5870	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0K^+D^-$	5869	1	13238
5871	$e^+e^- \to \pi^0\pi^+\pi^+\eta\eta K^0K^-K^-D^+D^0D_{s1}'^-\gamma$	5870	1	13239
5872	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}$	5871	1	13240
5873	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-\bar{D}^{*-}D_s^{*+}$	5872	1	13241
5874	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0K^{*-}D^+\bar{D}^{*0}\gamma$	287	1	13242
5875	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+D^-D_s^{*-}$	5874	1	13243
5876	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^{*+}n\bar{\Sigma}_c^0$	5875	1	13244
5877	$e^+e^- \to \pi^0\bar{K}^0K^+D^-\bar{D}^{*-}D_s^{*+}$	5876	1	13245
5878	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+D^-D^{*+}$	5877	1	13246
5879	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^+D^{*+}\gamma$	1182	1	13247
5880	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^*K^{*+}D^-D_1'^+$	5879	1	13248
5881	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+K^{*-}D^-D^{*+}$	5880	1	13249
5882	$e^+e^- \to \rho^0\pi^+\eta K^*K^*\bar{D}^{*-}J/\psi$	5881	1	13250
5883	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-}$	1183	1	13251
5884	$e^+e^- \to K^0K^-D^{*+}\bar{D}^{*0}D_s^{*+}D_s^{*-}$	5883	1	13252
5885	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\omega D^-D^{*+}D_{s1}'^-$	1184	1	13253
5886	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^+D^{*+}D_s^-$	5885	1	13254
5887	$e^+e^- \to e^+\nu_e\rho^0\rho^-\omega\omega D^+\bar{D}^{*-}$	5886	1	13255
5888	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^0$	5887	1	13256

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5889	$e^+e^- \to \pi^- K^+ D^+ D^+ D^- D_s^{*-}$	5888	1	13257
5890	$e^+e^- \to \pi^+\pi^- K_2^{*0} D^- D^{*+} J/\psi$	5889	1	13258
5891	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^+ K^+ K^- K^- \bar{D}^{*-} \bar{\Sigma}^+ \Xi_c^0$	5890	1	13259
5892	$e^+e^- \to e^+\nu_e \rho^- D_2^{*-} \bar{n} \Lambda_c^+$	5891	1	13260
5893	$e^+e^- \to \rho^+\rho^+\rho^-\rho^- \omega K^0 \bar{K}^0 D^+ \bar{D}^{*-}$	5892	1	13261
5894	$e^+e^- \to e^+\nu_e \pi^0 \rho^0 \pi^+\pi^+\pi^- \bar{D}^{*-} \bar{D}^{*-}$	5893	1	13262
5895	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+ \omega K^- \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	5894	1	13263
5896	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{K}^* D^+ D^- D^{*0} D_s^{*-}$	5895	1	13264
5897	$e^+e^- \to K^{*+} D^{*+} \bar{D}^{*-} D^0 D_{s0}^{*-}$	74	1	13265
5898	$e^+e^- \to e^+\nu_e \rho^0 \pi^+\pi^-\pi^- \eta D^+ D_0^{*-}$	5897	1	13266
5899	$e^+e^- \to \pi^0\pi^+ \bar{K}^0 \bar{K}^0 K^* \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	289	1	13267
5900	$e^+e^- \to K^0 \bar{K}^* D^+ D^- D^{*+} \bar{D}^{*-}$	5899	1	13268
5901	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^- \eta' D^{*+} \bar{D}^{*-} D_s^-$	5900	1	13269
5902	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^- D^{*+} \bar{D}^0$	5901	1	13270
5903	$e^+e^- \to \rho^0\pi^+\pi^+\pi^- \omega D^{*+} \bar{D}^{*-} D_s^-$	5902	1	13271
5904	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^- \bar{D}^{*-} D_2^{*+}$	5903	1	13272
5905	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- \eta D^+ \bar{D}^{*0} \Sigma^0 \bar{\Sigma}^-$	290	1	13273
5906	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- D^+ D^- \Delta^- \bar{\Delta}^0$	5905	1	13274
5907	$e^+e^- \to e^+\nu_e \pi^0 \pi^+ K^- D^+ D^- D^-$	5906	1	13275
5908	$e^+e^- \to \pi^+ D^{*+} D_s^{*-} n \bar{\Sigma}_c^-$	5907	1	13276
5909	$e^+e^- \to e^-\bar{\nu}_e \rho^0 \pi^+\rho^+\rho^- D^- D_1^+$	1188	1	13277
5910	$e^+e^- \to \tau^+\nu_\tau \rho^0 \pi^-\rho^+\rho^- D^+ \bar{D}^{*-}$	5909	1	13278
5911	$e^+e^- \to \rho^+ \omega D^- \bar{D}^{*-} D^{*0} D_s^{*+}$	5910	1	13279
5912	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^- \omega\omega K^* D^+ \bar{D}^{*0}$	5911	1	13280
5913	$e^+e^- \to \rho^0\pi^+ \omega\omega K^0 K^{*-} \phi D^{*+} \bar{D}^{*-}$	5912	1	13281
5914	$e^+e^- \to \mu^+\nu_\mu \rho^0 K^* K^{*-} D^+ \bar{D}^{*-}$	5913	1	13282
5915	$e^+e^- \to \pi^-\pi^- \bar{K}^0 \bar{K}^0 K^+ K^+ D^- D^{*+}$	5914	1	13283
5916	$e^+e^- \to e^-\bar{\nu}_e \pi^0 \rho^+ \bar{D}^{*-} D_2^{*+}$	5915	1	13284
5917	$e^+e^- \to e^+\nu_e K_S \bar{D}^{*-} \psi'$	5916	1	13285
5918	$e^+e^- \to e^+\nu_e X_u^- D^{*+} D_s^{*-}$	5917	1	13286
5919	$e^+e^- \to \rho^- \bar{K}^0 \bar{K}^* K^+ \bar{D}^{*-} a_1^+ \gamma$	5918	1	13287
5920	$e^+e^- \to \pi^- K^0 D^{*+} D^{*+} \bar{D}^0 a_1^-$	1189	1	13288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5921	$e^+e^- \to \pi^- K^- K^{*+} D^+ \bar{D}^{*0} J/\psi$	5920	1	13289
5922	$e^+e^- \to \pi^0\pi^0\pi^+\rho^- D^{*0} n\bar{n}\Lambda\bar{\Sigma}_c^0$	5921	1	13290
5923	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-} D^{*0} n\bar{p}$	5922	1	13291
5924	$e^+e^- \to e^+\nu_e\pi^-\omega K^0 D^+ \bar{D}^{*-}\bar{D}^0$	5923	1	13292
5925	$e^+e^- \to e^+\nu_e\pi^+\pi^- K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}$	5924	1	13293
5926	$e^+e^- \to \pi^-\rho^-\bar{K}^* K^+ K^{*+} D^+ D^- D^{*0}$	5925	1	13294
5927	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\omega\omega K^0\bar{K}^0 D^+ D^+$	5926	1	13295
5928	$e^+e^- \to \pi^0\pi^+\pi^+ K^0\bar{K}^0 K^-\bar{D}^{*-}\psi'$	1190	1	13296
5929	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+ D^{*+} n\bar{p}$	291	1	13297
5930	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	5929	1	13298
5931	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega\eta' D^-$	5930	1	13299
5932	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-}$	5931	1	13300
5933	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-} D^{*0}$	1192	1	13301
5934	$e^+e^- \to \rho^0\pi^-\rho^+\rho^- D^+ D^-\bar{\Delta}^-\Delta^0$	5933	1	13302
5935	$e^+e^- \to \eta D^-\bar{n}\bar{\Sigma}^+\Sigma^0\Sigma_c^0$	5934	1	13303
5936	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta D^+ D^-$	5935	1	13304
5937	$e^+e^- \to \rho^+\rho^-\eta\eta' D^- D^{*+}$	5936	1	13305
5938	$e^+e^- \to \omega K^{*-} D^+\bar{D}^{*0} p\bar{\Sigma}_c^{*-}$	5937	1	13306
5939	$e^+e^- \to K^0\bar{K}^* D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	1193	1	13307
5940	$e^+e^- \to \pi^+\rho^-\rho^- D^+ D^{*+} a_1^-$	1194	1	13308
5941	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	5940	1	13309
5942	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\omega K^- D^+ D^-\Delta^-\bar{p}$	1195	1	13310
5943	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^- D^- D_2^{*+} D_s^{*-}$	5942	1	13311
5944	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{n}\Sigma_c^+$	5943	1	13312
5945	$e^+e^- \to e^-\bar{\nu}_e\rho^- K^{*+} D^+ D^{*0}$	5944	1	13313
5946	$e^+e^- \to \omega D^{*+} D_s^- p\bar{\Sigma}_c^-$	5945	1	13314
5947	$e^+e^- \to \mu^+\nu_\mu\rho^- K^+ K^- D^+\bar{D}^{*-}$	5946	1	13315
5948	$e^+e^- \to \pi^0\pi^0\rho^+ K^+ K^{*-} D^+\bar{D}^{*-} D_s^-$	5947	1	13316
5949	$e^+e^- \to \pi^- K^+ D^{*+}\bar{D}^{*-} D^{*0}\Delta^{++}\bar{\Delta}^{++}$	5948	1	13317
5950	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\bar{K}^*\bar{D}^{*-} D_s^+$	5949	1	13318
5951	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}$	5950	1	13319
5952	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	5951	1	13320

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5953	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\eta\omega D^+D^{*+}$	5952	1	13321
5954	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+D^+\bar{D}^{*-}$	5953	1	13322
5955	$e^+e^- \to K^*K^-D^+\bar{D}^{*-}D_s^{*+}$	5954	1	13323
5956	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^0D^{*+}\chi_{c0}$	1196	1	13324
5957	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	5956	1	13325
5958	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0}$	5957	1	13326
5959	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}D_1^-$	5958	1	13327
5960	$e^+e^- \to K^-D^{*+}D^{*+}\bar{D}^{*0}D_{s1}'^-$	1197	1	13328
5961	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^+D^-$	5960	1	13329
5962	$e^+e^- \to e^+\nu_eD^-D^{*+}a_1^-\gamma$	5961	1	13330
5963	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^0D_s^-$	5962	1	13331
5964	$e^+e^- \to \pi^-D^{*+}D^{*+}D_s^{*-}p\bar{\Delta}^+$	5963	1	13332
5965	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+$	5964	1	13333
5966	$e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-\bar{n}p$	5965	1	13334
5967	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0\bar{K}^0K^*K^+D^+\bar{D}^{*-}$	5966	1	13335
5968	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D_1'^-$	1198	1	13336
5969	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^0\bar{n}\Delta^0$	5968	1	13337
5970	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^-\omega\bar{K}^*K^{*+}D^+D^-$	5969	1	13338
5971	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	75	1	13339
5972	$e^+e^- \to \mu^+\nu_\mu\rho^0\eta\bar{K}^*K^+D^-D_0^{*-}$	5971	1	13340
5973	$e^+e^- \to \pi^0\pi^0\rho^0\omega K^0K^{*-}D^{*+}D^{*0}$	5972	1	13341
5974	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}D^{*+}$	5973	1	13342
5975	$e^+e^- \to \rho^-\eta K^+K^-D^+\bar{D}^{*-}a_1^+$	5974	1	13343
5976	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta K^0\bar{K}^0D^{*+}\bar{D}^0$	5975	1	13344
5977	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-D^{*0}D_s^+$	5976	1	13345
5978	$e^+e^- \to \pi^0\pi^+K^-D^-D^{*+}\bar{D}^0\bar{\Delta}^-\Delta^-$	5977	1	13346
5979	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^{*+}\Delta^+\bar{\Lambda}_c^-$	5978	1	13347
5980	$e^+e^- \to \pi^0\pi^+\omega K^*D^-D^{*+}\bar{D}^{*-}\gamma$	5979	1	13348
5981	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\rho^-D^+D^{*+}$	5980	1	13349
5982	$e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}a_1^+$	5981	1	13350
5983	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\omega D^{*0}\bar{D}^{*0}D_1^+$	1200	1	13351
5984	$e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+$	5983	1	13352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
5985	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-}a_1^-$	5984	1	13353
5986	$e^+e^- \to \pi^0\pi^+\eta\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	5985	1	13354
5987	$e^+e^- \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}\chi_{c1}$	5986	1	13355
5988	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^-\bar{D}^{*-}\chi_{c1}$	5987	1	13356
5989	$e^+e^- \to e^+e^+\nu_e\nu_e\pi^0\pi^-\bar{D}^{*0}D_1'^-$	5988	1	13357
5990	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\rho^-\eta D^-\bar{D}^0$	5989	1	13358
5991	$e^+e^- \to \rho^0\rho^+\rho^-K^{*-}D^{*+}\bar{D}^{*0}$	5990	1	13359
5992	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}\bar{p}\Delta^{++}$	5991	1	13360
5993	$e^+e^- \to \tau^+\nu_\tau\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	1201	1	13361
5994	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\eta K^-D^-D^{*0}$	5993	1	13362
5995	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\eta D^-D^{*+}\bar{\Delta}^-\Delta^-n\bar{n}$	5994	1	13363
5996	$e^+e^- \to \pi^0\pi^+\pi^-K^*K^+K^-D^{*+}\bar{D}^{*-}D^0$	1202	1	13364
5997	$e^+e^- \to \tau^+\nu_\tau K^-D^{*+}D_2^{*-}\bar{D}^{*0}$	5996	1	13365
5998	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega D^+D^{*+}$	5997	1	13366
5999	$e^+e^- \to \pi^+\rho^+K^0K^-D^+D^-D^-D^0$	5998	1	13367
6000	$e^+e^- \to e^+\nu_e\rho^-\bar{n}\Xi_c'^+D_1'^-$	5999	1	13368
6001	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^-D_s^-\bar{\Delta}^-\Delta^0$	6000	1	13369
6002	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^*D^+$	6001	1	13370
6003	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^0D^+D^{*+}\bar{D}^0$	6002	1	13371
6004	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-D^-D^{*+}$	6003	1	13372
6005	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*+}D^-\bar{D}^{*-}$	6004	1	13373
6006	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D^{*0}\bar{D}^{*0}$	6005	1	13374
6007	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0K^+D^+\bar{D}^{*-}D^{*0}$	6006	1	13375
6008	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^+D^-D_{s1}^-$	6007	1	13376
6009	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+K^*\bar{K}^*D^-D_1^+$	6008	1	13377
6010	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^+D^-D_s^{*-}$	6009	1	13378
6011	$e^+e^- \to \pi^-\eta\eta\phi D^+D^-D_s^+$	6010	1	13379
6012	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^{*-}D^{*+}\bar{D}^{*-}$	6011	1	13380
6013	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\eta D^{*+}\bar{D}^0$	6012	1	13381
6014	$e^+e^- \to \pi^-\eta\omega\bar{K}^*p\bar{\Xi}_c'^0$	6013	1	13382
6015	$e^+e^- \to \pi^+\eta\omega D^+D^-a_1^-$	6014	1	13383
6016	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	6015	1	13384

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6017	$e^+e^- \to e^+\nu_e\rho^0K^-D^{*+}\bar{D}^{*-}$	6016	1	13385
6018	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^+\bar{D}^{*-}$	6017	1	13386
6019	$e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	6018	1	13387
6020	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\omega\eta'\bar{D}^{*-}D^0$	6019	1	13388
6021	$e^+e^- \to \pi^0\bar{K}^*D^+D^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	6020	1	13389
6022	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega D^+\bar{D}^0D_s^+$	6021	1	13390
6023	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}n\bar{p}$	6022	1	13391
6024	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+K^{*+}D^+D^-D_s^{*-}$	6023	1	13392
6025	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}D_s^{*+}\gamma$	6024	1	13393
6026	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}p\bar{\Lambda}_c^-$	6025	1	13394
6027	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^0D^{*+}D_s^+D_s^{*-}$	6026	1	13395
6028	$e^+e^- \to \rho^0\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	6027	1	13396
6029	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}\bar{D}^{*-}$	6028	1	13397
6030	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega K^-K^{*+}D_s^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	6029	1	13398
6031	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-\Sigma^{*+}\bar{\Sigma}^{*-}$	6030	1	13399
6032	$e^+e^- \to \pi^0\pi^+\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	6031	1	13400
6033	$e^+e^- \to \pi^0\pi^0\pi^-K^+D^+D^-D^{*0}\bar{D}^{*0}$	6032	1	13401
6034	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^{*0}D^{*0}\bar{n}\Delta^0$	6033	1	13402
6035	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^*D^+D^-D_s^{*+}$	1203	1	13403
6036	$e^+e^- \to \pi^0K^-D^-D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}^+$	6035	1	13404
6037	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}$	6036	1	13405
6038	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0D^-\psi'$	6037	1	13406
6039	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^-\omega\bar{K}^0K^{*+}D^+\bar{D}^{*0}$	6038	1	13407
6040	$e^+e^- \to e^+\nu_e\pi^+D^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	6039	1	13408
6041	$e^+e^- \to e^+\nu_eD^-D_2^{*-}D_s^{*+}$	1204	1	13409
6042	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0}D_s^{*-}$	6041	1	13410
6043	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*\bar{D}^{*0}\psi'$	6042	1	13411
6044	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^+$	6043	1	13412
6045	$e^+e^- \to K^0D^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	6044	1	13413
6046	$e^+e^- \to \rho^+\omega\bar{K}^0\bar{K}^0K^*D^+D^-\bar{D}^{*-}$	6045	1	13414
6047	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega D^-D^{*+}$	6046	1	13415
6048	$e^+e^- \to \pi^0\pi^-\rho^+K^+D^-\Lambda_c^+\bar{\Lambda}_c^-$	6047	1	13416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6049	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^+\Delta^+\bar{\Sigma}_c^-$	1205	1	13417
6050	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^-p$	6049	1	13418
6051	$e^+e^- \to \pi^0\rho^0\eta D^+\bar{D}^0a_1^-$	6050	1	13419
6052	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	6051	1	13420
6053	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^{*+}D^0$	293	1	13421
6054	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D^0$	6053	1	13422
6055	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^+\eta'D^-D^-$	6054	1	13423
6056	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^+D^-D_s^-$	294	1	13424
6057	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0}$	6056	1	13425
6058	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^0\Delta^+\bar{\Delta}^+$	6057	1	13426
6059	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*0}$	6058	1	13427
6060	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-D^-D^{*+}n\bar{n}$	6059	1	13428
6061	$e^+e^- \to \eta K^{*-}D^{*+}D_2^{*+}D_s^-$	6060	1	13429
6062	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta D^{*+}\bar{D}^{*-}$	6061	1	13430
6063	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^{*-}p\bar{\Sigma}_c^{*-}$	6062	1	13431
6064	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\omega D^{*+}\bar{D}^0$	6063	1	13432
6065	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta K^0D^-D^{*+}\bar{D}^{*-}$	6064	1	13433
6066	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\omega D^+\Delta^0\bar{\Sigma}_c^0$	1208	1	13434
6067	$e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^*K^+K^{*-}D^-D^{*+}D_s^{*+}$	6066	1	13435
6068	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-\bar{p}\Sigma_c^{++}$	6067	1	13436
6069	$e^+e^- \to \pi^+\pi^-\rho^-\eta D^+D^-D^{*+}\gamma$	6068	1	13437
6070	$e^+e^- \to K^*D^{*+}p\bar{\Sigma}_c^-D_{s1}'^-$	6069	1	13438
6071	$e^+e^- \to \pi^0\bar{K}^0K^*D^+D^-D^{*+}\bar{D}^{*-}$	6070	1	13439
6072	$e^+e^- \to \rho^0\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_{s1}'^+$	6071	1	13440
6073	$e^+e^- \to \pi^-K^+K^-\phi\phi D^{*+}\bar{D}^{*0}$	6072	1	13441
6074	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\omega D^-\bar{p}\Sigma_c^{*0}$	6073	1	13442
6075	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta\bar{D}^{*-}D_1^+$	6074	1	13443
6076	$e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-}$	6075	1	13444
6077	$e^+e^- \to \rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	1209	1	13445
6078	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*0}\bar{n}\Delta^0\Sigma^0\bar{\Sigma}^0$	6077	1	13446
6079	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	6078	1	13447
6080	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	6079	1	13448

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6081	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}a_1^-$	6080	1	13449
6082	$e^+e^- \to \pi^0\rho^-K^0D^+\Sigma^{*0}\bar{\Xi}_c^{*0}$	6081	1	13450
6083	$e^+e^- \to \rho^0\pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	6082	1	13451
6084	$e^+e^- \to \eta D^{*+}\bar{D}^0a_1^-$	6083	1	13452
6085	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D^0a_1^+$	6084	1	13453
6086	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta'D^+\bar{D}^{*-}\bar{n}p$	6085	1	13454
6087	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\bar{D}^{*-}D_1^+$	6086	1	13455
6088	$e^+e^- \to \pi^0\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	22	1	13456
6089	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	6088	1	13457
6090	$e^+e^- \to \rho^0\rho^+\omega K^0D^-D^{*+}\bar{D}^{*-}$	6089	1	13458
6091	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\omega K^+K^-D^-\bar{D}^{*-}$	6090	1	13459
6092	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\omega D^-D_1^+$	6091	1	13460
6093	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*K^-D^+D^{*+}$	6092	1	13461
6094	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0\bar{D}^{*-}n\bar{p}$	1211	1	13462
6095	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	1212	1	13463
6096	$e^+e^- \to e^+\nu_e\eta\omega K^+K^{*-}D^0D_1^-$	6095	1	13464
6097	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\rho^-\eta K^+D^{*+}$	6096	1	13465
6098	$e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}D_s^{*-}$	6097	1	13466
6099	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}\bar{\Delta}^-n$	6098	1	13467
6100	$e^+e^- \to \pi^+K^0\bar{K}^0D^0\bar{D}^0D_s^{*-}\bar{p}\Delta^+$	6099	1	13468
6101	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^0K^+K^-K^-D^0D^{*0}$	6100	1	13469
6102	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	1213	1	13470
6103	$e^+e^- \to \pi^0\rho^+K^0K^0K^0D^+\bar{D}^{*-}D_s^{*-}$	1214	1	13471
6104	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+K^-\bar{D}^{*-}\bar{n}\Lambda_c^+$	6103	1	13472
6105	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}$	6104	1	13473
6106	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^0\Sigma_c^0$	6105	1	13474
6107	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_1'^+D_1'^+$	6106	1	13475
6108	$e^+e^- \to \rho^0\omega K^*D^+D^-D^0$	6107	1	13476
6109	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0K^-K^{*+}D^+D^{*+}$	6108	1	13477
6110	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-$	6109	1	13478
6111	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^-\Delta^0\bar{\Sigma}^{*+}$	1215	1	13479
6112	$e^+e^- \to \pi^-\bar{K}^0\bar{D}^0D_s^{*+}\psi'$	6111	1	13480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6113	$e^+e^- \to e^+\nu_e D^{*+} D_2^{*-} n\bar{p}$	6112	1	13481
6114	$e^+e^- \to \pi^+\rho^-\rho^- K^{*+} D^{*+} p\bar{\Sigma}_c^{*--}$	6113	1	13482
6115	$e^+e^- \to \pi^+ K^+ \bar{D}^{*-} D^{*0} n\bar{\Sigma}_c^-$	6114	1	13483
6116	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^- K^* D^- D^{*+} D^{*+}$	6115	1	13484
6117	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^- D^+ D^{*+}$	1216	1	13485
6118	$e^+e^- \to K^- D^+ \bar{D}^{*-} \bar{D}^{*0} D_s^+$	1217	1	13486
6119	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\omega K^+ K^{*-} D^+ D^-$	6118	1	13487
6120	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^- D^+ D^{*+}$	6119	1	13488
6121	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+ K^0 D^- D^{*0}$	6120	1	13489
6122	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega D^- D^0 D_s^-$	6121	1	13490
6123	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^{*+} \bar{D}^{*-} a_1^-$	6122	1	13491
6124	$e^+e^- \to K^*\bar{K}^* K^+ K^- D^+ \bar{D}^{*-}$	1218	1	13492
6125	$e^+e^- \to \pi^0 D^- D^{*+} D_2^{*-} D_s^+$	6124	1	13493
6126	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^0\bar{K}^0 D^- D^{*+} D_s^{*+}$	6125	1	13494
6127	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^- D^{*+} \bar{\Delta}^- \Delta^-$	1219	1	13495
6128	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0 D^+ D^- \bar{D}^0$	6127	1	13496
6129	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+\rho^- D^{*+} D^0$	6128	1	13497
6130	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+} D_0^{*-}$	6129	1	13498
6131	$e^+e^- \to \pi^0\rho^0\rho^+\rho^- K^{*-} D^- \bar{n}\Delta^{++}$	6130	1	13499
6132	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0 D^-\chi_{c1}$	296	1	13500
6133	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^+ \bar{D}^{*-} D^0 n\bar{n}$	6132	1	13501
6134	$e^+e^- \to e^+\nu_e\pi^0\rho^+\rho^- D^0 D_1^-$	6133	1	13502
6135	$e^+e^- \to \pi^0\pi^0\rho^- K^+ D^- D^{*+} D^0$	6134	1	13503
6136	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^+ \bar{D}^{*-}$	6135	1	13504
6137	$e^+e^- \to \pi^-\rho^- K^0 D^+ D^{*+}$	6136	1	13505
6138	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^+\bar{D}^{*-} D_1'^-$	6137	1	13506
6139	$e^+e^- \to \pi^0 K^- D^{*+} \bar{D}^0\Delta^+\bar{\Sigma}_c^{*-}$	6138	1	13507
6140	$e^+e^- \to \rho^+\omega K^+ K^- D^{*+} \bar{D}^{*-} D_s^{*-}$	6139	1	13508
6141	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+ D^+ D^{*0} D_s^{*-}$	1221	1	13509
6142	$e^+e^- \to \pi^+\pi^-\rho^+\eta\omega\bar{K}^0\bar{D}^{*-} D^0$	6141	1	13510
6143	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^* K^+ D^-$	1222	1	13511
6144	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^- D^- D^0$	6143	1	13512

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6145	$e^+e^- \to \pi^-\eta K^+ D^{*+}\bar{D}^{*-}D^{*0}p\bar{p}$	6144	1	13513
6146	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\omega D^+D^-$	6145	1	13514
6147	$e^+e^- \to \pi^0\pi^+K^-K^{*+}D^-D^0D^0\bar{D}^0$	1223	1	13515
6148	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\eta D^{*+}\Lambda\bar{\Xi}_c'^-$	6147	1	13516
6149	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+D^-D^{*+}$	6148	1	13517
6150	$e^+e^- \to \pi^+K^*D^-D^{*+}D^0D_s^-$	6149	1	13518
6151	$e^+e^- \to \pi^-\omega D^-D_s^{*+}\bar{n}\Sigma_c^+$	1224	1	13519
6152	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	1225	1	13520
6153	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^-K^{*+}p\bar{\Sigma}_c^{*-}$	6152	1	13521
6154	$e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^*\phi D^+n\bar{n}$	6153	1	13522
6155	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\eta_c$	6154	1	13523
6156	$e^+e^- \to \pi^-\rho^+\rho^-D^-D^{*+}\bar{\Delta}^0\Delta^+$	6155	1	13524
6157	$e^+e^- \to \rho^0\pi^+K^-D^-D^{*+}\bar{D}^{*0}\Lambda\bar{\Sigma}^0$	6156	1	13525
6158	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^+D_1'^-$	6157	1	13526
6159	$e^+e^- \to \pi^+\pi^-\pi^-K^-D^+D^{*+}\bar{D}^{*0}$	297	1	13527
6160	$e^+e^- \to \pi^+\pi^-\eta D^-D^{*+}n\bar{n}$	6159	1	13528
6161	$e^+e^- \to \rho^-\eta\omega K^0K^{*-}D^+D^{*+}$	6160	1	13529
6162	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+D^{*+}D_s^{*-}$	6161	1	13530
6163	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\omega\bar{D}^{*-}D_0^{*+}$	6162	1	13531
6164	$e^+e^- \to \pi^-\rho^+K^0K^+K^-D^+\bar{D}^{*-}$	6163	1	13532
6165	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^+D^-p\bar{p}$	6164	1	13533
6166	$e^+e^- \to \pi^-\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p$	6165	1	13534
6167	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^+D^-$	6166	1	13535
6168	$e^+e^- \to \tau^+\nu_\tau\omega K^-D^+D^-\bar{D}^0$	6167	1	13536
6169	$e^+e^- \to \omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	6168	1	13537
6170	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*+}$	6169	1	13538
6171	$e^+e^- \to \pi^0\eta K^0D_s^-\eta_cD_1'^+$	6170	1	13539
6172	$e^+e^- \to \eta K_S\bar{K}^0K^{*+}\bar{D}^{*-}J/\psi$	6171	1	13540
6173	$e^+e^- \to \pi^+\pi^-\pi^-\bar{D}^0D^{*0}D_s^{*+}$	6172	1	13541
6174	$e^+e^- \to \pi^-\rho^-K^*\eta'D^+D^+$	6173	1	13542
6175	$e^+e^- \to \pi^0\pi^+\omega\omega\bar{K}^*\phi\bar{D}^{*-}$	6174	1	13543
6176	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\rho^+\bar{D}^{*-}D_1'^+$	1227	1	13544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6177	$e^+e^- \to \pi^-\omega D^+D^-D_s^{*+}p\bar{p}$	6176	1	13545
6178	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-K^+D^+D^-D_1'^+$	6177	1	13546
6179	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^0\bar{K}^0\bar{K}^0K^{*+}D^+D^-$	6178	1	13547
6180	$e^+e^- \to \pi^+\omega K^*K^-D^+D_s^{*-}n\bar{\Lambda}$	298	1	13548
6181	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta'D^-D^{*+}$	6180	1	13549
6182	$e^+e^- \to \bar{K}^*D^-D^-D^{*+}D_s^{*+}$	6181	1	13550
6183	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-\rho^-\omega D^{*+}\bar{D}^{*0}$	6182	1	13551
6184	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^+D^-$	6183	1	13552
6185	$e^+e^- \to e^+\nu_eK^{*+}\bar{D}^{*-}D^{*0}D_0^{*-}$	6184	1	13553
6186	$e^+e^- \to K^0K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	299	1	13554
6187	$e^+e^- \to \rho^0\pi^-\eta\eta\omega K^0\bar{K}^0\bar{K}^*K^+D^+D^-$	6186	1	13555
6188	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^{*+}\chi_{c1}$	6187	1	13556
6189	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-}$	6188	1	13557
6190	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0K^+D^-D^{*+}$	6189	1	13558
6191	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^*D^{*+}D^0\bar{D}^{*0}$	1230	1	13559
6192	$e^+e^- \to \pi^-\rho^+\omega\omega K^+K^-D^+\bar{D}^{*-}\gamma$	6191	1	13560
6193	$e^+e^- \to K^+K^-D^+D^-\bar{D}^0D^{*0}$	6192	1	13561
6194	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta K^0K^-D^+D^-$	6193	1	13562
6195	$e^+e^- \to \pi^-\omega K^*D^{*+}D^{*0}\bar{D}^{*0}$	6194	1	13563
6196	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\rho^-\bar{K}^0K^+D^{*+}D^{*+}$	6195	1	13564
6197	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^-D_s^-D_1^+$	6196	1	13565
6198	$e^+e^- \to \pi^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}a_1^+$	6197	1	13566
6199	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\bar{K}^0K^-K^{*+}K^{*+}D^+\bar{D}^{*-}$	6198	1	13567
6200	$e^+e^- \to \pi^+\rho^+K^*K^{*-}K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	6199	1	13568
6201	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^0\bar{K}^0\eta_c$	1231	1	13569
6202	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-p\bar{\Sigma}_c^-$	6201	1	13570
6203	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}$	6202	1	13571
6204	$e^+e^- \to \bar{K}^*K^+K^-K^{*+}D^-D_2^{*+}D_s^{*-}$	6203	1	13572
6205	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\bar{\Delta}^+\Xi_c^{*0}$	6204	1	13573
6206	$e^+e^- \to K^*K^-D^+D^-D^{*+}\bar{D}^0$	6205	1	13574
6207	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\omega\omega K^0K^-D^+D^{*+}$	6206	1	13575
6208	$e^+e^- \to \pi^0\pi^-\pi^-\eta\eta\bar{K}^0\bar{K}^*K^+K^+D^{*+}\bar{D}^{*-}$	6207	1	13576

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6209	$e^+e^- \to \pi^0\pi^-\eta D^+D^-D_s^+$	6208	1	13577
6210	$e^+e^- \to \pi^0\rho^+\rho^-D^-D_s^{*+}$	6209	1	13578
6211	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0\bar{K}^*K^+K^-D^+\bar{D}^{*-}$	6210	1	13579
6212	$e^+e^- \to \pi^-\bar{K}^0K^+D^+D^-\bar{D}^0\bar{\Delta}^0\Sigma^{*0}$	6211	1	13580
6213	$e^+e^- \to \pi^0\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_{s1}^-$	1232	1	13581
6214	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^+D^-\bar{D}^{*-}D^{*0}$	6213	1	13582
6215	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0\bar{K}^0\bar{K}^*K^+D^+D^-$	6214	1	13583
6216	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+D^+$	1233	1	13584
6217	$e^+e^- \to \mu^+\nu_\mu\rho^-\rho^-\bar{K}^0K^*D^+$	6216	1	13585
6218	$e^+e^- \to \pi^0\pi^-\rho^-\omega K^+\phi D^{*+}$	6217	1	13586
6219	$e^+e^- \to e^-\bar{\nu}_eK^0D^+\Lambda_c^+\bar{\Lambda}_c^-$	6218	1	13587
6220	$e^+e^- \to \mu^+\nu_\mu\rho^+\eta D^-\bar{D}^{*-}$	6219	1	13588
6221	$e^+e^- \to e^+\nu_e\eta\bar{K}^0\eta' J/\psi D_0^{*-}$	6220	1	13589
6222	$e^+e^- \to \pi^0\bar{D}^{*-}D^0a_1^+$	6221	1	13590
6223	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma^{*-}$	6222	1	13591
6224	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+K^0K^{*-}D^+D_0^{*-}$	6223	1	13592
6225	$e^+e^- \to \pi^0\rho^+\rho^-\omega D^+D^-p\bar{p}$	6224	1	13593
6226	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta K^0K^-D^{*+}\bar{D}^{*-}$	6225	1	13594
6227	$e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^-\omega K^{*-}D^-$	6226	1	13595
6228	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0K^+D^-\bar{D}^{*-}$	6227	1	13596
6229	$e^+e^- \to \pi^0\pi^+K^-K^{*-}\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{++}$	6228	1	13597
6230	$e^+e^- \to \omega\bar{K}^*K^+K^{*+}D^-\bar{D}^{*-}D^0$	300	1	13598
6231	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-K^+K^{*+}K^{*-}D^+D^+D^-$	6230	1	13599
6232	$e^+e^- \to e^+\nu_e\pi^0\omega\bar{D}^{*-}\bar{D}^0$	6231	1	13600
6233	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^+D^-$	6232	1	13601
6234	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}$	6233	1	13602
6235	$e^+e^- \to \tau^-\bar{\nu}_\tau\phi D^-D_2^{*+}D_s^{*+}$	1235	1	13603
6236	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	1236	1	13604
6237	$e^+e^- \to e^+\nu_e\pi^+\eta\omega D^-D^-$	6236	1	13605
6238	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega\omega D^{*+}D_0^{*-}$	1237	1	13606
6239	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^{*+}\bar{D}^{*0}$	6238	1	13607
6240	$e^+e^- \to \rho^0\pi^+\eta\bar{D}^{*-}\bar{n}\Sigma_c^0$	6239	1	13608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6241	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+K^0\bar{K}^0K^-\bar{D}^{*-}D^0\bar{D}^{*0}$	1238	1	13609
6242	$e^+e^- \to \eta K^*K^+D_2^{*+}D_s^{*-}D_s^{*-}$	6241	1	13610
6243	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta' D^-D^{*+}$	6242	1	13611
6244	$e^+e^- \to e^+\nu_e\pi^0\eta K^0D^-D^{*+}\bar{D}^{*-}$	1239	1	13612
6245	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^+$	1240	1	13613
6246	$e^+e^- \to \pi^-\bar{D}^{*-}D_s^+\bar{n}\Lambda_c^+$	1241	1	13614
6247	$e^+e^- \to \rho^+\rho^-\eta K^+D^-D^0$	1242	1	13615
6248	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^{*-}$	6247	1	13616
6249	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\bar{K}^0K^+D^+\bar{D}^{*-}$	6248	1	13617
6250	$e^+e^- \to \pi^+\pi^-\eta\omega K^{*-}\bar{D}^{*-}D_s^+D_s^+$	6249	1	13618
6251	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	6250	1	13619
6252	$e^+e^- \to \pi^0\pi^0\pi^-D_s^+\bar{p}\Delta^+\Lambda\bar{\Sigma}_c^{*0}$	1243	1	13620
6253	$e^+e^- \to \pi^0\omega\bar{K}^0K^*\bar{K}^*D^-D^0D_s^{*+}$	6252	1	13621
6254	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^0a_1^+$	6253	1	13622
6255	$e^+e^- \to \pi^0\pi^+\pi^+K^*K^{*-}D^-D^{*+}D_s^{*-}$	6254	1	13623
6256	$e^+e^- \to \pi^+\pi^+K^+K^-\bar{D}^{*-}D^0D_s^{*-}$	6255	1	13624
6257	$e^+e^- \to \pi^0K^+\bar{D}^{*-}D^{*0}\bar{p}\Sigma_c^+$	6256	1	13625
6258	$e^+e^- \to \mu^+\nu_\mu\eta D^-\bar{D}^{*-}D_s^+$	6257	1	13626
6259	$e^+e^- \to K^-D^-\bar{\Delta}^0\Sigma_c^+D_{s0}^{*+}$	6258	1	13627
6260	$e^+e^- \to K^0\bar{K}^*D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	6259	1	13628
6261	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{K}^*K^+D^-$	6260	1	13629
6262	$e^+e^- \to \pi^0\pi^-D^+\Delta^+\bar{\Sigma}^+\Sigma^-\bar{\Sigma}_c^-$	6261	1	13630
6263	$e^+e^- \to \rho^-D^-D_2^{*+}D_s^{*+}\gamma$	1244	1	13631
6264	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^*K^{*+}\bar{D}^{*-}$	6263	1	13632
6265	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^-\omega D^+\bar{D}^{*0}$	6264	1	13633
6266	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^{*-}D^-D^{*+}\bar{D}^{*0}$	6265	1	13634
6267	$e^+e^- \to e^+\nu_e\rho^+\rho^+\eta K^-D^-D^-$	6266	1	13635
6268	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	6267	1	13636
6269	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	6268	1	13637
6270	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^+D_2^{*-}D_s^{*-}$	6269	1	13638
6271	$e^+e^- \to \pi^+\pi^-\pi^-K^*D^-D^{*+}\bar{\Delta}^-\Delta^0$	6270	1	13639
6272	$e^+e^- \to \pi^0\pi^-\eta\eta\omega K^0D^+D^{*+}\bar{D}^{*-}$	6271	1	13640

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6273	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^+D^+D_s^-$	6272	1	13641
6274	$e^+e^- \to \pi^+\pi^-\pi^-D^+\bar{D}^0D_s^-D_s^{*+}$	6273	1	13642
6275	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-}D^{*0}$	6274	1	13643
6276	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-n\bar{n}$	6275	1	13644
6277	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega\bar{K}^0K^-K^{*+}D^-$	6276	1	13645
6278	$e^+e^- \to \pi^+\pi^-\rho^+K^-D^-D_s^+J/\psi$	6277	1	13646
6279	$e^+e^- \to \pi^0\rho^+\rho^-\eta\eta'D^+D^-$	1245	1	13647
6280	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*K^+D^+D^-$	6279	1	13648
6281	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-K^{*+}D^-$	6280	1	13649
6282	$e^+e^- \to \pi^-D^+\bar{D}^0D_s^{*+}D_{s1}'^-$	6281	1	13650
6283	$e^+e^- \to \pi^0\pi^+\pi^+\omega K^0D^-D^0D^0D_s^-$	6282	1	13651
6284	$e^+e^- \to e^+\nu_eK^-D^{*+}\bar{D}^{*0}D_1^-$	6283	1	13652
6285	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta\omega D^{*+}D^{*+}n\bar{p}$	6284	1	13653
6286	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*-}D_1'^+$	6285	1	13654
6287	$e^+e^- \to \rho^+K^-D^-\eta_cD_{s1}'^+$	6286	1	13655
6288	$e^+e^- \to \pi^-\rho^+\rho^-D^+K_1^0\psi(3770)$	6287	1	13656
6289	$e^+e^- \to \rho^0\bar{K}^0K^*K^{*-}\phi D^{*+}D^{*0}$	6288	1	13657
6290	$e^+e^- \to \rho^0\omega\bar{K}^0K^+K^-D^0J/\psi$	6289	1	13658
6291	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	6290	1	13659
6292	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0D^{*+}J/\psi$	6291	1	13660
6293	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+\rho^-K^0\bar{K}^0D_0^{*+}$	6292	1	13661
6294	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega\omega D^+D^+$	6293	1	13662
6295	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+D^-D_1'^-$	6294	1	13663
6296	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^0D^+D_1^+$	6295	1	13664
6297	$e^+e^- \to \pi^0\eta D^-D_2^{*+}D_s^{*-}\bar{p}\Delta^{++}$	6296	1	13665
6298	$e^+e^- \to e^+\nu_e\pi^-D^-\bar{\Delta}^0\Sigma_c^+$	1246	1	13666
6299	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-K^-D^{*+}D^{*+}\bar{D}^{*0}$	6298	1	13667
6300	$e^+e^- \to K^*D^-D^{*+}D^{*+}D_s^-\gamma$	6299	1	13668
6301	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^+K^-D^+\bar{D}^{*-}$	6300	1	13669
6302	$e^+e^- \to \pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^-\Delta^0\bar{\Delta}^0$	6301	1	13670
6303	$e^+e^- \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	6302	1	13671
6304	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	1247	1	13672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6305	$e^+e^- \to e^+\nu_e K^{*-} D^+ D_2^{*-} \bar{D}^0$	6304	1	13673
6306	$e^+e^- \to \pi^+ K^{*-} \bar{D}^0 J/\psi \bar{p} \Delta^+$	6305	1	13674
6307	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega K^0 \bar{K}^0 K^+ K^{*-} D^+ \bar{D}^{*-}$	6306	1	13675
6308	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^- D^{*+} \bar{\Sigma}^0 \Sigma^+$	6307	1	13676
6309	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+ K^- \eta' D^- D^{*+} \bar{D}^{*0}$	6308	1	13677
6310	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^- D^- D^{*0}$	1248	1	13678
6311	$e^+e^- \to \pi^+ \bar{K}^0 D^+ D^- D^0 D_s^-$	6310	1	13679
6312	$e^+e^- \to e^+\nu_e \pi^0\pi^0\rho^0\rho^-\omega D^{*+} D_0^{*-}$	6311	1	13680
6313	$e^+e^- \to \rho^- D^{*+} \bar{D}^{*-} D_s^+$	6312	1	13681
6314	$e^+e^- \to \mu^+\nu_\mu \pi^0 \eta \bar{D}^{*-} D^{*0}$	6313	1	13682
6315	$e^+e^- \to \rho^- \eta K^* \eta_c \bar{\Delta}^0 \Sigma_c^+$	6314	1	13683
6316	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+ \bar{D}^{*-} \bar{n} \Delta^0$	1249	1	13684
6317	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^+\pi^-\rho^-\eta K^- K^{*+} D^+ D^+$	6316	1	13685
6318	$e^+e^- \to \pi^-\rho^+\rho^-\omega D^+ J/\psi K_1^0$	1250	1	13686
6319	$e^+e^- \to \pi^0\pi^- K^0 K^0 \bar{K}^* D^- D^{*+} D^{*+}$	6318	1	13687
6320	$e^+e^- \to \pi^+\rho^+\rho^- D^- D_s^{*-} D_1'^+$	1251	1	13688
6321	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \rho^0 D^{*+} D^0 \bar{D}^{*0}$	6320	1	13689
6322	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0 D^- D^0$	6321	1	13690
6323	$e^+e^- \to \rho^0\pi^+ \bar{D}^{*-} \bar{D}^{*-} D_{s1}'^+$	6322	1	13691
6324	$e^+e^- \to \pi^+\rho^+\rho^+\rho^-\omega\omega K^- D^-$	6323	1	13692
6325	$e^+e^- \to \mu^+\nu_\mu \pi^+ K^0 D^- \bar{D}^{*-} D^0$	6324	1	13693
6326	$e^+e^- \to \pi^0 \bar{D}^{*-} D_s^+ D_s^- D_s^{*+}$	6325	1	13694
6327	$e^+e^- \to \pi^0\pi^+\eta K^0 \bar{K}^0 \bar{K}^0 D^- D^{*+} \bar{D}^{*-}$	1252	1	13695
6328	$e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+ \bar{D}^{*-}$	6327	1	13696
6329	$e^+e^- \to \pi^0\rho^+\eta D^- D_s^{*-} D_1^+$	6328	1	13697
6330	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta \bar{D}^{*-} D^{*0}$	6329	1	13698
6331	$e^+e^- \to e^+\nu_e K^0 \bar{D}^{*-} \bar{n} \Omega_c^0$	6330	1	13699
6332	$e^+e^- \to e^- \bar{\nu}_e \pi^+\rho^- K^{*+} D^- D_2^{*+}$	301	1	13700
6333	$e^+e^- \to \pi^- K^0 D^+ D^+ \bar{D}^{*-}$	6332	1	13701
6334	$e^+e^- \to \rho^0\pi^+\pi^-\eta D^+ \bar{D}^{*-} D^{*0}$	6333	1	13702
6335	$e^+e^- \to e^- \bar{\nu}_e \pi^0\pi^+ D^+ D^{*+} \Sigma^- \bar{\Sigma}^{*-}$	1254	1	13703
6336	$e^+e^- \to \pi^0\pi^0\rho^+ D^+ \bar{D}^{*-} D_s^{*-}$	6335	1	13704

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6337	$e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	6336	1	13705
6338	$e^+e^- \to e^+\nu_e\omega\omega K^0K^-D^{*+}\bar{D}^{*-}$	1255	1	13706
6339	$e^+e^- \to \pi^-\rho^-\omega\omega K^0\bar{K}^0K^{*+}D^+\eta_c$	6338	1	13707
6340	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^*K^+K^-D^+\bar{D}^{*0}$	6339	1	13708
6341	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^-\rho^+D^-\bar{D}^0D_s^{*+}$	6340	1	13709
6342	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\pi^-K^{*+}D^+D^+\bar{D}^0$	6341	1	13710
6343	$e^+e^- \to \omega K^*K^-D^+\bar{D}^{*-}D_{s1}'^+$	6342	1	13711
6344	$e^+e^- \to \pi^0\pi^-\omega\bar{K}^0D^{*+}D^0\bar{D}^0$	6343	1	13712
6345	$e^+e^- \to e^+\nu_e\omega K^-D^+\bar{D}^{*-}\bar{D}^0$	6344	1	13713
6346	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^+K^{*-}D^-D^{*+}$	6345	1	13714
6347	$e^+e^- \to \eta\eta\bar{K}^0K^-\bar{D}^{*-}D_s^+D_s^{*+}$	6346	1	13715
6348	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^+D^{*+}D_s^{*-}$	6347	1	13716
6349	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_s^{*+}D_1'^+$	302	1	13717
6350	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-D^+D^{*+}\bar{D}^{*0}$	6349	1	13718
6351	$e^+e^- \to \pi^+\rho^-\eta D^+D^-$	6350	1	13719
6352	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\omega\omega D^+\bar{D}^{*-}$	1257	1	13720
6353	$e^+e^- \to e^+\nu_e\eta\eta D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	6352	1	13721
6354	$e^+e^- \to \mu^+\nu_\mu\pi^+K^0\bar{K}^0K^{*-}D_2^{*-}J/\psi$	1258	1	13722
6355	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta D^-D^{*+}$	6354	1	13723
6356	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^+D^-$	6355	1	13724
6357	$e^+e^- \to \mu^+\nu_\mu\omega\omega K^-\bar{D}^{*-}D_s^+$	6356	1	13725
6358	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^*\bar{D}^0D_1^+$	6357	1	13726
6359	$e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	6358	1	13727
6360	$e^+e^- \to \pi^0\pi^+\omega K^*D^+D^-D^-$	6359	1	13728
6361	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0K^-\bar{D}^{*-}D^{*0}$	6360	1	13729
6362	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p}$	6361	1	13730
6363	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\omega\omega K^0D_1^-$	6362	1	13731
6364	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^0D^{*+}$	6363	1	13732
6365	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-}$	6364	1	13733
6366	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0D^{*+}D^{*+}$	77	1	13734
6367	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0K^0K^-D^{*+}n\bar{n}$	6366	1	13735
6368	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^*K^+$	6367	1	13736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6369	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^*\bar{D}^0D_s^+D_s^{*-}$	6368	1	13737
6370	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0\bar{D}^{*-}\bar{n}\Xi_c^0$	6369	1	13738
6371	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-D_2^{*+}D_s^-$	6370	1	13739
6372	$e^+e^- \to \pi^-\pi^-\rho^-\omega\bar{K}^0K^{*+}D^+\Delta^{++}\bar{\Sigma}^{*-}$	6371	1	13740
6373	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{n}p\Lambda\bar{\Lambda}$	6372	1	13741
6374	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^-D^+D^+$	6373	1	13742
6375	$e^+e^- \to \rho^-\bar{K}^*D^{*+}J/\psi$	6374	1	13743
6376	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-}$	6375	1	13744
6377	$e^+e^- \to \pi^+\rho^+\rho^-\omega\omega K^{*+}D^-D^-D^0$	6376	1	13745
6378	$e^+e^- \to \rho^-\rho^-\eta'D^{*+}D^{*+}$	6377	1	13746
6379	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}p\bar{p}D_1'^+$	6378	1	13747
6380	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0$	6379	1	13748
6381	$e^+e^- \to \pi^0\pi^0\pi^0K^*D^{*+}\bar{D}^0D_s^{*-}$	6380	1	13749
6382	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\omega K^0\eta'D^-$	6381	1	13750
6383	$e^+e^- \to \pi^+\rho^-D^+D^-$	6382	1	13751
6384	$e^+e^- \to \pi^-\omega\bar{K}^0K^*D^{*+}D_s^-\Delta^0\bar{\Sigma}^+$	6383	1	13752
6385	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0$	6384	1	13753
6386	$e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}D_s^{*+}$	6385	1	13754
6387	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+K^+K^{*-}D^{*+}$	1260	1	13755
6388	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*0}$	1261	1	13756
6389	$e^+e^- \to K^0D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+$	6388	1	13757
6390	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	6389	1	13758
6391	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^-\bar{D}^0$	6390	1	13759
6392	$e^+e^- \to \pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}D_s^+$	6391	1	13760
6393	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\pi^-\rho^+K^0\bar{K}^0D^+D_2^{*-}\gamma$	6392	1	13761
6394	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-}$	1262	1	13762
6395	$e^+e^- \to \pi^0\rho^0K^0\bar{K}^0\bar{K}^0K^+D^-D^{*+}D_s^{*-}$	6394	1	13763
6396	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	6395	1	13764
6397	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^0n\bar{\Delta}^0$	1263	1	13765
6398	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	6397	1	13766
6399	$e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	6398	1	13767
6400	$e^+e^- \to \rho^+\eta D^{*0}p\bar{\Sigma}_c^{*--}$	6399	1	13768

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6401	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\eta D^-D^{*+}D_s^{*-}$	1264	1	13769
6402	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^-D^{*+}\bar{D}^0J/\psi$	6401	1	13770
6403	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}$	6402	1	13771
6404	$e^+e^- \to e^+\nu_e\omega K^*K^-D^{*+}\bar{D}^{*-}$	6403	1	13772
6405	$e^+e^- \to e^+\nu_e D^-D^{*+}D_1^-$	6404	1	13773
6406	$e^+e^- \to \eta\bar{K}^0D_2^{*-}D_s^+D_s^{*+}D_s^{*-}$	6405	1	13774
6407	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\eta'\bar{D}^{*-}\bar{D}^{*-}$	6406	1	13775
6408	$e^+e^- \to \rho^0\rho^0\pi^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	6407	1	13776
6409	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}K^{*-}\bar{D}^{*-}D_s^+$	6408	1	13777
6410	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^{*-}p\bar{p}$	6409	1	13778
6411	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+K^-D^-D^{*0}p\bar{p}$	6410	1	13779
6412	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^{*+}D_0^{*-}$	6411	1	13780
6413	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D^0$	6412	1	13781
6414	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0D^-\psi'$	1265	1	13782
6415	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\omega D_2^{*-}D^0$	6414	1	13783
6416	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\bar{K}^0K^+K^+K^-D^-D^{*+}$	6415	1	13784
6417	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\eta'D^+D^{*+}$	6416	1	13785
6418	$e^+e^- \to \pi^-\rho^+\rho^+K^0D^-D^{*+}\bar{D}^{*-}$	6417	1	13786
6419	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^0K^-\bar{D}^{*-}D^0\bar{D}^{*0}$	6418	1	13787
6420	$e^+e^- \to \pi^0\pi^+\Delta^0\Delta^+\bar{\Sigma}_c^{*0}\bar{\Sigma}_c^{*--}$	6419	1	13788
6421	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^{*0}D_s^{*-}$	6420	1	13789
6422	$e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}D^0$	1266	1	13790
6423	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^*D^-\Delta^0\bar{\Sigma}_c^{*0}$	1267	1	13791
6424	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\rho^+\eta\bar{K}^0K^-\bar{D}^{*-}D_s^+$	6423	1	13792
6425	$e^+e^- \to \pi^+K^0\bar{K}^0K^+\bar{D}^{*-}p\bar{p}\Delta^+\bar{\Sigma}_c^{*--}$	6424	1	13793
6426	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega\omega D^+D^-$	1268	1	13794
6427	$e^+e^- \to \mu^+\nu_\mu K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	6426	1	13795
6428	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}D_2^{*-}D_s^+$	6427	1	13796
6429	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^{*0}$	6428	1	13797
6430	$e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	6429	1	13798
6431	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^-D^{*+}$	6430	1	13799
6432	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\bar{K}^0D^+\bar{D}^{*-}$	6431	1	13800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6433	$e^+e^- \to \pi^0 K^* D^+ \bar{D}^{*-} \bar{D}^0 \bar{p} \Delta^+$	6432	1	13801
6434	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \rho^+ K^0 D^- D^- D^{*0}$	6433	1	13802
6435	$e^+e^- \to \rho^+ \eta K^0 \bar{K}^0 D^- D_s^- a_1^+$	6434	1	13803
6436	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \eta \bar{K}^0 K^+ K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^0$	6435	1	13804
6437	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \rho^- \rho^- \rho^- \omega K^0 K^- D^{*+} \bar{D}^0$	6436	1	13805
6438	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \omega \omega \omega D^{*+} \bar{D}^{*-}$	6437	1	13806
6439	$e^+e^- \to \rho^+ \bar{D}^{*-} D_s^{*+} \bar{\Delta}^0 \Sigma^-$	6438	1	13807
6440	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^- \rho^- \eta D^+ D^{*+}$	6439	1	13808
6441	$e^+e^- \to \pi^0 \bar{D}^{*-} D_s^+ \bar{n} \Sigma_c^0$	6440	1	13809
6442	$e^+e^- \to \pi^+ \bar{K}^0 D^- D^{*+} n \bar{\Lambda}_c^-$	6441	1	13810
6443	$e^+e^- \to \rho^0 \rho^0 \pi^+ \pi^- \pi^- \bar{K}^* K^{*+} D^{*+} \bar{D}^{*-}$	6442	1	13811
6444	$e^+e^- \to \pi^0 \bar{K}^0 K^* D^0 \bar{D}^0 D_s^+ D_s^{*-}$	6443	1	13812
6445	$e^+e^- \to e^- \bar{\nu}_e K^{*+} D^+ \Delta^0 \bar{\Sigma}_c^-$	6444	1	13813
6446	$e^+e^- \to \pi^0 \pi^- \rho^- K^+ K^+ K^- D^{*+} D^0 \bar{D}^0$	1269	1	13814
6447	$e^+e^- \to \pi^0 \pi^0 \pi^+ K^0 K^- K^- D^+ \bar{D}^{*0} \bar{D}^{*0}$	6446	1	13815
6448	$e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \rho^+ \omega \omega \bar{K}^0 D^+ D^{*0}$	6447	1	13816
6449	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^- \rho^- \omega K^+ D^{*+}$	6448	1	13817
6450	$e^+e^- \to e^+ \nu_e \pi^- K^+ \bar{D}^{*-} J/\psi$	6449	1	13818
6451	$e^+e^- \to \pi^0 \rho^+ \rho^- \eta \omega \bar{K}^0 K^+ D^- D^{*0}$	6450	1	13819
6452	$e^+e^- \to \rho^0 \pi^+ \pi^+ \eta K^* K^{*-} D^+ D^- \bar{D}^{*-}$	6451	1	13820
6453	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \bar{K}^0 D^+ \bar{D}^{*-}$	6452	1	13821
6454	$e^+e^- \to \mu^- \bar{\nu}_\mu K^* \eta' D^+ \eta_c$	304	1	13822
6455	$e^+e^- \to \pi^+ \rho^+ \rho^- \eta K^0 K^- D^+ \bar{D}^{*-}$	1271	1	13823
6456	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^- \rho^- \omega K^+ D^{*+} \bar{D}^0 D^{*0}$	6455	1	13824
6457	$e^+e^- \to \pi^0 K^* \bar{D}^{*0} \bar{D}^{*0} \bar{n} \Delta^0$	6456	1	13825
6458	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 K^0 D^+ D^- \bar{D}^{*-}$	6457	1	13826
6459	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \pi^- \rho^+ \rho^+ \omega K^0 \bar{K}^0 K^* \bar{K}^* D^- D^0$	6458	1	13827
6460	$e^+e^- \to K^* K^* K^* \bar{K}^* \bar{K}^* D_s^{*-} D_1^+$	6459	1	13828
6461	$e^+e^- \to e^- \bar{\nu}_e \rho^0 \Delta^0 \bar{\Sigma}_c^{*0} D_1^+$	6460	1	13829
6462	$e^+e^- \to \tau^+ \nu_\tau \bar{K}^0 D^+ \bar{D}^{*-} D_1^-$	6461	1	13830
6463	$e^+e^- \to \pi^0 \rho^- \eta \omega \omega \bar{K}^0 K^{*+} D^+ D^-$	6462	1	13831
6464	$e^+e^- \to \eta \omega \bar{K}^0 D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	305	1	13832

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6465	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0\bar{D}^{*-}J/\psi$	6464	1	13833
6466	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta K^0\bar{K}^*D^+D^+$	6465	1	13834
6467	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^-D_s^+D_s^{*-}$	6466	1	13835
6468	$e^+e^- \to K^0K^*K^-D^+D^{*+}\bar{D}^{*-}$	6467	1	13836
6469	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega K^+K^-D^-D^{*+}$	6468	1	13837
6470	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	6469	1	13838
6471	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+D^-$	6470	1	13839
6472	$e^+e^- \to K^+D^-\bar{D}^{*-}D^{*0}D_s^{*+}$	6471	1	13840
6473	$e^+e^- \to \rho^0\rho^+\omega K^0\bar{K}^*\bar{D}^{*-}\bar{p}\Lambda_c^+$	306	1	13841
6474	$e^+e^- \to \pi^0\rho^-\omega K^+D^+\bar{D}^{*-}D^{*0}$	6473	1	13842
6475	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\omega D_2^{*-}D^{*0}$	6474	1	13843
6476	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega\omega K^0K^0K^-K^-K^-D^+D^0$	6475	1	13844
6477	$e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^0D^{*+}K_0^0$	6476	1	13845
6478	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\omega D_0^{*+}$	6477	1	13846
6479	$e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{\Lambda}\Sigma^+$	6478	1	13847
6480	$e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}D^0\bar{D}^0$	6479	1	13848
6481	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*0}$	1274	1	13849
6482	$e^+e^- \to \pi^-D^-D^{*+}D_s^{*+}\bar{\Sigma}^{*+}\Sigma^{*-}$	6481	1	13850
6483	$e^+e^- \to \pi^0\eta K^+K^-D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	6482	1	13851
6484	$e^+e^- \to e^+\nu_eK^-D^-\Delta^+\bar{\Xi}_c^0$	6483	1	13852
6485	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	6484	1	13853
6486	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^{*+}D_1^-$	6485	1	13854
6487	$e^+e^- \to \pi^0\pi^0\pi^+K^{*-}D^+D^-\bar{D}^0\gamma$	6486	1	13855
6488	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^+p\bar{\Sigma}_c^-$	6487	1	13856
6489	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega\bar{K}^*\bar{D}^{*-}\eta_c$	6488	1	13857
6490	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+D^-$	6489	1	13858
6491	$e^+e^- \to \pi^0\pi^-\pi^-K^0\bar{K}^*\phi D^{*+}D^{*+}\bar{D}^0$	6490	1	13859
6492	$e^+e^- \to \pi^+\pi^+\rho^-\omega\omega D^-D^{*0}$	6491	1	13860
6493	$e^+e^- \to \pi^+\pi^-\omega K^-K^{*+}D^+D^-$	6492	1	13861
6494	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0K^*K^*D^-D^{*+}D^{*0}$	6493	1	13862
6495	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D^{*+}\bar{D}^{*-}\bar{p}\Delta^+$	6494	1	13863
6496	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^+\bar{D}^{*-}D^0$	6495	1	13864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6497	$e^+e^- \to \pi^-\rho^+\rho^-\eta K^+D^{*+}\bar{D}^{*-}D^0$	6496	1	13865
6498	$e^+e^- \to \pi^0\rho^+\omega\eta' D^-D^-D_s^{*+}$	6497	1	13866
6499	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\eta D^+\bar{D}^{*0}D_s^{*-}$	6498	1	13867
6500	$e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}J/\psi n\bar{n}K_1^0$	6499	1	13868
6501	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^0\eta' D^+\eta_c(2S)$	6500	1	13869
6502	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_{s1}'^+$	6501	1	13870
6503	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^+D_1^+$	6502	1	13871
6504	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0D^0\bar{D}^{*0}\bar{D}^{*0}$	1275	1	13872
6505	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^*D^-D^-D^{*+}$	1276	1	13873
6506	$e^+e^- \to \rho^0\omega\bar{K}^0K^*K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	6505	1	13874
6507	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	6506	1	13875
6508	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^{*+}K^{*-}K^{*-}D^+D^-\bar{D}^0$	6507	1	13876
6509	$e^+e^- \to \rho^0\rho^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	307	1	13877
6510	$e^+e^- \to \pi^0K^0\bar{D}^{*-}D_s^{*+}\eta_c(2S)$	6509	1	13878
6511	$e^+e^- \to \rho^0K^0D^+\bar{D}^{*-}D^0n\bar{\Delta}^0$	6510	1	13879
6512	$e^+e^- \to \mu^+\nu_\mu\rho^0\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	6511	1	13880
6513	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^*K^{*+}D^+\bar{D}^{*-}$	23	1	13881
6514	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^*K^{*+}D^-D^{*+}$	6513	1	13882
6515	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_0^{*-}D_{s1}^+$	6514	1	13883
6516	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D_2^{*+}D^{*0}D_s^-$	6515	1	13884
6517	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta\eta K^0\bar{K}^0\bar{K}^*K^{*+}D^+\bar{D}^{*0}$	6516	1	13885
6518	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+D^{*+}n\bar{p}$	6517	1	13886
6519	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{p}\Sigma_c^+$	6518	1	13887
6520	$e^+e^- \to \bar{K}^0K^*D^{*0}D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	6519	1	13888
6521	$e^+e^- \to \rho^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-}$	6520	1	13889
6522	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D^0\Sigma^0\bar{\Sigma}^0$	6521	1	13890
6523	$e^+e^- \to \tau^+\nu_\tau\eta K^-D^+\bar{D}^{*-}\bar{D}^0$	6522	1	13891
6524	$e^+e^- \to \pi^-\rho^+\eta\omega\omega K^0D^0\Delta^+\bar{\Lambda}_c^-$	1279	1	13892
6525	$e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}\Delta^0\bar{p}$	6524	1	13893
6526	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-}$	6525	1	13894
6527	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^{*-}D^+D^0\bar{D}^0$	6526	1	13895
6528	$e^+e^- \to \pi^0\pi^-K^-K^{*+}K^{*-}D^{*+}\bar{\Lambda}\Xi_c'^+\gamma$	6527	1	13896

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6529	$e^+e^- \to \pi^-\eta D^- D^{*+} D_s^+$	1280	1	13897
6530	$e^+e^- \to \pi^+\pi^- K^* D^{*+} \bar{D}^{*-} \eta_c$	6529	1	13898
6531	$e^+e^- \to e^+\nu_e\pi^-\rho^- D^+ \bar{D}^{*0}\gamma$	1281	1	13899
6532	$e^+e^- \to \pi^0\pi^0\pi^0 K^0 K^* K^{*-} D^{*+} J/\psi$	6531	1	13900
6533	$e^+e^- \to \pi^0\pi^-\pi^-\omega\omega K^0 D^+ D^{*+} \bar{D}^{*0}$	6532	1	13901
6534	$e^+e^- \to \rho^0 K^* K^- D^+ D^+ D_s^-$	6533	1	13902
6535	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^- D^{*0}$	6534	1	13903
6536	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega\bar{D}^{*-} D^{*0}$	6535	1	13904
6537	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*0}$	6536	1	13905
6538	$e^+e^- \to e^+\nu_e\pi^+\pi^+\omega\bar{D}^{*-} \bar{D}^{*-} \Delta^- \bar{n}$	6537	1	13906
6539	$e^+e^- \to \rho^0\rho^0\pi^- K^0 D^{*+} \eta_c$	6538	1	13907
6540	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^- D^+ \bar{D}^{*0} \bar{\Delta}^0 p$	6539	1	13908
6541	$e^+e^- \to \pi^+ K^- D^- D^{*+} \bar{D}^{*0} p\bar{p}$	6540	1	13909
6542	$e^+e^- \to e^-\bar{\nu}_e\eta D^- D^{*+} D_{s0}^{*+}$	6541	1	13910
6543	$e^+e^- \to \rho^+\omega K^{*-} D^+ D^- \bar{D}^{*0}\gamma$	6542	1	13911
6544	$e^+e^- \to \tau^-\bar{\nu}_\tau D_s^+ D_1^+ D_1^-$	6543	1	13912
6545	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} \bar{D}^0 \Delta^0 \bar{\Delta}^0$	6544	1	13913
6546	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- \bar{K}^0 K^* D^+ \bar{D}^{*-}$	6545	1	13914
6547	$e^+e^- \to \rho^0\pi^+\rho^- \bar{K}^0 K^+ D^{*+} \bar{D}^{*-} \Delta^- \bar{\Delta}^0$	6546	1	13915
6548	$e^+e^- \to e^+\nu_e\pi^- D^- \bar{D}^0 D_s^{*+}$	6547	1	13916
6549	$e^+e^- \to \pi^0\pi^+\omega\omega D^- D^{*+} \Sigma^- \bar{\Lambda}$	6548	1	13917
6550	$e^+e^- \to \pi^-\pi^-\rho^+\eta\omega K^{*+} K^{*-} D^{*+} \bar{D}^0$	6549	1	13918
6551	$e^+e^- \to K^- D^{*+} \bar{D}^{*0} \bar{D}^{*0} \Delta^+ \bar{\Delta}^+$	6550	1	13919
6552	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^- D^+ D^- \bar{D}^{*0}$	309	1	13920
6553	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-\omega\omega D^- \bar{D}^{*-}$	6552	1	13921
6554	$e^+e^- \to \bar{D}^{*-} D_s^+ D_s^{*+} \bar{\Sigma}^{*0} \Xi^-$	6553	1	13922
6555	$e^+e^- \to \rho^0\pi^- D^+ \bar{n}\Sigma_c^0$	6554	1	13923
6556	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0 K^{*+} K^{*-} D^{*+} \bar{D}^0$	6555	1	13924
6557	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\rho^- D^{*+}$	6556	1	13925
6558	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- D^- \bar{D}^{*-} D_s^{*+}$	1283	1	13926
6559	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+ D^-$	6558	1	13927
6560	$e^+e^- \to \pi^0 K^0 K^* K^- K^{*+} K^{*-} D^+ D^+ D^-$	6559	1	13928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6561	$e^+e^- \to \rho^- K^0 D^+ D^- D^{*+} \bar{p} \Delta^+$	6560	1	13929
6562	$e^+e^- \to K^0 D^- D^{*+} \bar{D}^{*-} D_{s0}^{*+}$	6561	1	13930
6563	$e^+e^- \to \mu^+ \nu_\mu \pi^- \pi^- \omega \bar{K}^0 K^+ D^{*+} \bar{D}^{*-}$	1284	1	13931
6564	$e^+e^- \to e^+ \nu_e X_u^- \rho^0 D^0$	6563	1	13932
6565	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- K^+ K^- \eta' D^{*+} \bar{D}^{*-}$	6564	1	13933
6566	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \rho^+ \rho^- \rho^- K^* K^- D^- D^{*+}$	1285	1	13934
6567	$e^+e^- \to \omega \omega D^+ \bar{D}^{*0} \Sigma^- \bar{\Sigma}^0$	1286	1	13935
6568	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ K^0 K^0 K^* K^- D^- D_s^{*+} D_s^{*-}$	6567	1	13936
6569	$e^+e^- \to K^* \bar{K}^* D^+ D^- D^0 \bar{D}^{*0}$	6568	1	13937
6570	$e^+e^- \to e^- \bar{\nu}_e \mu^- \bar{\nu}_\mu \pi^0 \pi^0 D^{*+} D_1'^+$	6569	1	13938
6571	$e^+e^- \to \pi^0 \pi^+ \rho^- \omega \bar{K}^0 K^+ \bar{D}^{*-} D^{*0}$	6570	1	13939
6572	$e^+e^- \to \pi^0 \pi^0 \pi^0 \bar{K}^0 D^- D^{*0} D_s^+$	6571	1	13940
6573	$e^+e^- \to \mu^+ \nu_\mu K_L \bar{D}^{*-} \chi_{c1}$	6572	1	13941
6574	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \eta D^- D^{*+} \Lambda \bar{\Sigma}^-$	6573	1	13942
6575	$e^+e^- \to \mu^+ \nu_\mu \bar{K}^* n \bar{\Xi}_c'^0 D_1^-$	6574	1	13943
6576	$e^+e^- \to \pi^0 \pi^0 \pi^+ \rho^- K^0 \bar{K}^0 K^- D^+ D^- D_s^{*+}$	6575	1	13944
6577	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^+ \pi^- K^0 \eta' D^{*+} a_1^- \gamma$	6576	1	13945
6578	$e^+e^- \to e^+ \nu_e \rho^0 \pi^- \omega D^- D^{*+}$	310	1	13946
6579	$e^+e^- \to \pi^0 \omega K^0 K^0 K^- D^{*+} \eta_c$	6578	1	13947
6580	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \rho^+ \eta \eta D^- \bar{D}^{*-}$	6579	1	13948
6581	$e^+e^- \to \pi^0 \rho^0 \pi^+ \rho^+ \rho^- \omega D^- D_s^+ D_1'^-$	6580	1	13949
6582	$e^+e^- \to \rho^- \bar{D}^{*-} D_s^{*+} \bar{\Delta}^+ \Sigma_c^{*++}$	6581	1	13950
6583	$e^+e^- \to \pi^+ \bar{D}^{*-} D_s^{*-} p \bar{p} D_1^+$	6582	1	13951
6584	$e^+e^- \to \rho^+ \rho^- \omega D^+ \bar{D}^{*-}$	6583	1	13952
6585	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \pi^+ \pi^- \rho^- K^0 \bar{K}^0 D^+ D^{*+}$	6584	1	13953
6586	$e^+e^- \to \pi^+ \rho^+ \rho^- K^- D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	1288	1	13954
6587	$e^+e^- \to \pi^0 \pi^0 \pi^- \rho^+ \rho^- \omega D^+ X_{sd} \gamma$	6586	1	13955
6588	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \omega D^{*0} \Delta^0 \bar{\Sigma}_c^{*0}$	6587	1	13956
6589	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \eta \bar{K}^0 K^* K^+ \bar{D}^{*-} D^0 \bar{\Delta}^- \Delta^-$	1289	1	13957
6590	$e^+e^- \to \pi^+ \pi^- \rho^+ D^- X_{sd} \gamma$	6589	1	13958
6591	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^- \rho^+ \rho^- K^0 \bar{K}^0 \bar{K}^0 K^+ D^+ D^-$	6590	1	13959
6592	$e^+e^- \to \pi^+ \pi^- \eta D^+ D^- D_s^- D_s^{*+}$	6591	1	13960

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6593	$e^+e^- \to \pi^-\omega\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	6592	1	13961
6594	$e^+e^- \to \pi^-\omega K^{*+}K^{*-}D^-D^{*+}\bar{n}p$	6593	1	13962
6595	$e^+e^- \to \omega K^*D^+D^-D_s^-\bar{n}p$	6594	1	13963
6596	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_1^+\gamma$	6595	1	13964
6597	$e^+e^- \to \bar{K}^0K^-D^{*+}\bar{D}^{*-}\Delta^+\bar{\Omega}_c^0$	6596	1	13965
6598	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta K^0\bar{K}^*D^+D^-$	1290	1	13966
6599	$e^+e^- \to \mu^+\nu_\mu\eta D^-J/\psi\bar{n}\Lambda$	6598	1	13967
6600	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\chi_{c1}\gamma$	1291	1	13968
6601	$e^+e^- \to \omega\bar{K}^0K^+\bar{D}^{*-}D^0D^{*0}$	1292	1	13969
6602	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta K^0\bar{K}^0K^{*-}D^+D^0$	6601	1	13970
6603	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^+D^+D_s^{*-}$	1293	1	13971
6604	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^+\bar{D}^{*0}n\bar{\Delta}^0$	6603	1	13972
6605	$e^+e^- \to \pi^0\eta\omega\bar{K}^*\bar{K}^*K^+\bar{D}^{*-}$	6604	1	13973
6606	$e^+e^- \to \pi^0\pi^0\rho^-K^{*-}D^+\bar{D}^0\bar{D}^{*0}D_s^+$	6605	1	13974
6607	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega\omega D^-D^{*+}$	6606	1	13975
6608	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^{*+}D^{*+}$	6607	1	13976
6609	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}D^0$	6608	1	13977
6610	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\eta D^-\bar{D}^{*-}$	6609	1	13978
6611	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^+D^+\Sigma^-\bar{\Sigma}^0$	6610	1	13979
6612	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{D}^0D_1'^+$	6611	1	13980
6613	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^0D_s^+D_s^-$	6612	1	13981
6614	$e^+e^- \to e^+\nu_e\rho^0\eta\eta D^{*+}\bar{D}^{*-}n\bar{p}$	6613	1	13982
6615	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^-\rho^+\omega K^0K^-D^{*+}\bar{D}^{*-}$	6614	1	13983
6616	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^{*-}$	1294	1	13984
6617	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-}$	6616	1	13985
6618	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^+D^{*+}$	6617	1	13986
6619	$e^+e^- \to \omega\omega K^0\bar{K}^0K^{*-}D^+D^+\bar{D}^{*-}$	311	1	13987
6620	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^+D^-\bar{D}^{*-}$	6619	1	13988
6621	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^{*+}\bar{D}^0D_1'^+$	6620	1	13989
6622	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0}$	6621	1	13990
6623	$e^+e^- \to \rho^0\rho^0\rho^-K^{*+}D^+D_s^{*-}$	6622	1	13991
6624	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	1296	1	13992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6625	$e^+e^- \to \pi^0\pi^-\pi^-\rho^-\eta\omega\bar{K}^0K^{*+}D^+D^+$	6624	1	13993
6626	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^-\bar{D}^0D^{*0}$	6625	1	13994
6627	$e^+e^- \to \pi^0\rho^+\eta K^*D^-\bar{n}\Xi_c^0$	312	1	13995
6628	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^*D^-J/\psi$	6627	1	13996
6629	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^*K^+K^+K^-K^-\bar{D}^0D^{*0}$	1298	1	13997
6630	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0K^0K^{*-}D^{*+}$	6629	1	13998
6631	$e^+e^- \to \rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	6630	1	13999
6632	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-K^+D^-D_0^{*+}$	1299	1	14000
6633	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}$	6632	1	14001
6634	$e^+e^- \to e^+\nu_eK^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	6633	1	14002
6635	$e^+e^- \to \pi^0\pi^0\rho^0D^-D^{*+}D_s^+n\bar{p}$	6634	1	14003
6636	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^{*-}D^+\bar{D}^{*-}$	6635	1	14004
6637	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega\omega K^{*-}\bar{D}^{*-}$	6636	1	14005
6638	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-D^{*+}\bar{D}^{*-}$	6637	1	14006
6639	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^+$	6638	1	14007
6640	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^*K^+K^-D^{*+}\bar{D}^{*0}$	6639	1	14008
6641	$e^+e^- \to \pi^0K_L\pi^-D^+\bar{D}^{*0}\psi'$	6640	1	14009
6642	$e^+e^- \to \rho^+\rho^-\eta D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	6641	1	14010
6643	$e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^0D^+D^-$	6642	1	14011
6644	$e^+e^- \to e^+\nu_e\eta'\bar{D}^{*-}D^0$	6643	1	14012
6645	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0D^0D^0\bar{D}^{*0}$	6644	1	14013
6646	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^-D^{*+}D_s^-$	6645	1	14014
6647	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-}$	79	1	14015
6648	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*D^+\bar{D}^{*-}D^{*0}$	314	1	14016
6649	$e^+e^- \to \pi^+\bar{K}^0D^-\bar{\Delta}^+\bar{\Sigma}^+\Sigma^-\Lambda_c^+$	315	1	14017
6650	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	6649	1	14018
6651	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\eta D^{*+}\bar{D}^{*-}p\bar{p}$	6650	1	14019
6652	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega D^0D_1^-$	6651	1	14020
6653	$e^+e^- \to \pi^-\pi^-\omega D^{*+}\bar{D}^0D_s^{*+}$	1303	1	14021
6654	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta\omega D^+D^-$	6653	1	14022
6655	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^{*+}\bar{D}^{*-}$	6654	1	14023
6656	$e^+e^- \to \rho^0\pi^-\rho^-D^+\bar{D}^{*0}D_s^+$	6655	1	14024

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6657	$e^+e^- \to \pi^+K^0\bar{K}^0K^{*-}D_s^+D_1'^-$	6656	1	14025
6658	$e^+e^- \to \pi^0\pi^0\rho^-\eta D^{*+}n\bar{\Xi}_c'^0$	6657	1	14026
6659	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\rho^-K^*K^-D^{*+}D^{*0}$	6658	1	14027
6660	$e^+e^- \to \rho^-K^0K^0\bar{K}^0D^{*+}D^{*+}D_{s1}'^-$	6659	1	14028
6661	$e^+e^- \to \rho^0\rho^0\pi^-D^+\bar{D}^{*-}D_s^{*+}$	6660	1	14029
6662	$e^+e^- \to \pi^+\pi^-\pi^-D^{*+}D_s^{*-}\bar{n}p$	6661	1	14030
6663	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^{*+}D^-D^{*+}$	6662	1	14031
6664	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*-}$	6663	1	14032
6665	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_s^{*-}D_1^+\gamma$	6664	1	14033
6666	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega K^0\bar{K}^0\bar{K}^*D^{*+}D_0^{*-}$	80	1	14034
6667	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^0D_s^-D_1'^+$	6666	1	14035
6668	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+D^-D_s^{*+}$	6667	1	14036
6669	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^-D^{*+}$	317	1	14037
6670	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\rho^+\eta D^+\bar{D}^{*-}$	6669	1	14038
6671	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\eta\eta K^-\bar{D}^{*-}$	6670	1	14039
6672	$e^+e^- \to \rho^0\omega K^+\bar{D}^{*-}D^0D^{*0}$	6671	1	14040
6673	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0K^+\bar{D}^{*-}D^0D^0$	6672	1	14041
6674	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^+D^+\bar{D}^0$	6673	1	14042
6675	$e^+e^- \to \pi^0\pi^+\pi^-K^*K^{*-}D^-D^{*+}D_{s1}'^+$	6674	1	14043
6676	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-D^{*+}\bar{D}^{*-}$	6675	1	14044
6677	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	6676	1	14045
6678	$e^+e^- \to K^*D^-D^{*+}\bar{K}_1^0\psi(3770)$	6677	1	14046
6679	$e^+e^- \to \pi^+\pi^-\omega K^+K^-D^0\bar{D}^0\Delta^0\bar{\Delta}^0$	6678	1	14047
6680	$e^+e^- \to K^0K^{*-}D^{*+}\bar{D}^{*-}a_1^+$	6679	1	14048
6681	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\eta D^{*+}\bar{D}^{*0}$	1306	1	14049
6682	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\omega K^*D^{*+}D_s^-$	6681	1	14050
6683	$e^+e^- \to \pi^0\rho^0\rho^+\eta\omega\omega\bar{K}^0\bar{D}^{*-}$	6682	1	14051
6684	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^+K^-D^-\bar{D}^0$	6683	1	14052
6685	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D_2^{*+}\bar{n}p$	6684	1	14053
6686	$e^+e^- \to \pi^0K^*D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^+$	1307	1	14054
6687	$e^+e^- \to \pi^0\rho^0K_L\pi^+\pi^-\eta\omega\bar{D}^0\eta_c$	6686	1	14055
6688	$e^+e^- \to \pi^-\rho^+\eta K^+\eta'D^-\eta_c$	6687	1	14056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6689	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega\omega K^+\bar{D}^{*-}D^0$	6688	1	14057
6690	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	6689	1	14058
6691	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^{*+}D^-D^{*+}\bar{D}^0$	6690	1	14059
6692	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-\eta D^-D^{*+}$	1308	1	14060
6693	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0K^*K^{*-}D^{*0}J/\psi$	1309	1	14061
6694	$e^+e^- \to \rho^0\rho^+\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	6693	1	14062
6695	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega K^0K^-\bar{D}^{*-}D^{*0}$	6694	1	14063
6696	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{K}^*\bar{D}^{*-}D_s^+$	6695	1	14064
6697	$e^+e^- \to \pi^0\omega D_2^{*+}\bar{D}^{*0}D_s^{*-}$	6696	1	14065
6698	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+K^0\bar{K}^0D^-D^{*+}$	6697	1	14066
6699	$e^+e^- \to \pi^+\pi^+\pi^-K^*K^{*-}\eta'D^-\bar{D}^0D_s^{*+}$	1310	1	14067
6700	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^+$	6699	1	14068
6701	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	6700	1	14069
6702	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega D^-\bar{D}^{*-}$	1311	1	14070
6703	$e^+e^- \to \pi^0K^0D^+D^+D^-\bar{D}^{*-}\gamma$	318	1	14071
6704	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}$	6703	1	14072
6705	$e^+e^- \to e^+\nu_e\pi^+\eta\eta\omega D^-\bar{D}^{*-}$	6704	1	14073
6706	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\eta'D^+\bar{D}^{*-}D_s^-$	6705	1	14074
6707	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	6706	1	14075
6708	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}$	6707	1	14076
6709	$e^+e^- \to \pi^0\pi^-K^0K^+K^-D^+D^+\bar{D}^{*-}$	6708	1	14077
6710	$e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0K^*K^-D^+\bar{D}^0D^{*0}$	6709	1	14078
6711	$e^+e^- \to \pi^-\pi^-\bar{D}^0D_s^+\bar{n}\Sigma_c^+$	6710	1	14079
6712	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	6711	1	14080
6713	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^0D_s^-$	6712	1	14081
6714	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+K^0D^+\bar{D}^{*-}\bar{p}\Sigma^{*-}$	6713	1	14082
6715	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^+D^-\bar{D}^{*-}\gamma$	1313	1	14083
6716	$e^+e^- \to \tau^+\nu_\tau\rho^-\omega\omega D^+\bar{D}^{*-}$	6715	1	14084
6717	$e^+e^- \to \pi^-\rho^+\eta\eta K^0\bar{K}^0\eta'D^+D^-$	6716	1	14085
6718	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-\eta K^0\bar{K}^*D^+D_2^{*+}$	1314	1	14086
6719	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*0}\bar{n}\Delta^0D_0^{*+}$	6718	1	14087
6720	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^-D^{*+}$	6719	1	14088

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6721	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_1^+ D_1'^+$	6720	1	14089
6722	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^+K^-D^+D^-D_s^{*+}$	6721	1	14090
6723	$e^+e^- \to \pi^0\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0 D_s^{*+}$	6722	1	14091
6724	$e^+e^- \to \pi^0\pi^+\pi^-K^+D^-D^{*+}\bar{D}^{*-}$	6723	1	14092
6725	$e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	6724	1	14093
6726	$e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+$	6725	1	14094
6727	$e^+e^- \to D^-D^{*0}\bar{\Delta}^0\Sigma^0 a_1^+$	6726	1	14095
6728	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^{*+}\bar{D}^{*-}$	1315	1	14096
6729	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+D^-D^{*+}$	6728	1	14097
6730	$e^+e^- \to \pi^0\pi^-\rho^+\omega\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	6729	1	14098
6731	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^-D_s^-D_s^{*+}$	6730	1	14099
6732	$e^+e^- \to e^+\nu_e\pi^-\eta D^+D_1'^-$	6731	1	14100
6733	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^0\bar{D}^0D_1^-$	6732	1	14101
6734	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^+D^-$	6733	1	14102
6735	$e^+e^- \to \eta K^0K^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}$	6734	1	14103
6736	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0D_{s0}^{*-}$	6735	1	14104
6737	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	6736	1	14105
6738	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^-D^-D^0$	6737	1	14106
6739	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-K^+D^0J/\psi$	6738	1	14107
6740	$e^+e^- \to \rho^0\pi^+D^+D^-D_s^{*+}\Delta^-\bar{\Delta}^+$	6739	1	14108
6741	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\eta\bar{K}^0D^-D_s^{*+}$	1316	1	14109
6742	$e^+e^- \to \pi^+\rho^-\rho^-\bar{K}^0K^*\bar{K}^*K^+D^+D^-$	6741	1	14110
6743	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^-D^+D_2^{*-}\bar{n}\Delta^+$	6742	1	14111
6744	$e^+e^- \to \pi^0\pi^-\eta' D^+\bar{D}^{*-}D_s^+$	6743	1	14112
6745	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0K^+D^-D^0D^{*0}$	6744	1	14113
6746	$e^+e^- \to \pi^0\eta\bar{K}^0D^+D^-D^-\bar{\Sigma}^{*+}\Sigma^{*0}$	1317	1	14114
6747	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^-D^{*0}\chi_{c2}$	6746	1	14115
6748	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-K^-K^{*+}D^+\bar{D}^{*-}$	6747	1	14116
6749	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D^0\bar{D}^0$	6748	1	14117
6750	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0\bar{K}^*K^+D^-$	6749	1	14118
6751	$e^+e^- \to \pi^0K^0D^+D^-D^{*+}D_s^-$	6750	1	14119
6752	$e^+e^- \to \pi^-\rho^+\eta\omega K^{*-}D^-D^{*+}D_s^+$	6751	1	14120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6753	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	6752	1	14121
6754	$e^+e^- \to \pi^0\pi^0\rho^0K^0\bar{K}^0K^+K^{*-}D^+D^-$	1318	1	14122
6755	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^*K^-D^{*+}D^{*+}D_{s0}^{*-}$	6754	1	14123
6756	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^{*-}a_1^+$	81	1	14124
6757	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\eta K^*K^{*-}D^+D^{*+}$	1320	1	14125
6758	$e^+e^- \to \pi^0\eta\eta K^0K^-D^+\bar{D}^0D^{*0}\bar{D}^{*0}$	6757	1	14126
6759	$e^+e^- \to \rho^0\pi^-\rho^+D^+\bar{D}^{*-}p\bar{p}$	6758	1	14127
6760	$e^+e^- \to \pi^+\pi^+K^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	320	1	14128
6761	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-D^{*+}D^{*+}$	6760	1	14129
6762	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	6761	1	14130
6763	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0K^{*-}D^{*+}\bar{D}^{*0}$	1322	1	14131
6764	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\eta\eta\omega D^-D^{*+}$	6763	1	14132
6765	$e^+e^- \to \rho^0\pi^+\rho^-D^+D^-$	6764	1	14133
6766	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^+D^{*+}p\bar{p}$	6765	1	14134
6767	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^+K^-D^-D^{*0}$	6766	1	14135
6768	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0K^*\bar{D}^0J/\psi$	1323	1	14136
6769	$e^+e^- \to e^+\nu_e\pi^+D^0D_s^{*-}D_1'^-$	6768	1	14137
6770	$e^+e^- \to \pi^+D_2^{*-}\bar{X}_{sd}\gamma$	6769	1	14138
6771	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-K^{*+}D^-D^{*+}D^0$	6770	1	14139
6772	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-}$	6771	1	14140
6773	$e^+e^- \to e^+\nu_eD^+D_2^{*-}D_s^{*-}\gamma$	6772	1	14141
6774	$e^+e^- \to \rho^+\rho^+\rho^-\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	6773	1	14142
6775	$e^+e^- \to \omega K^{*+}D^-D^{*0}\bar{\Delta}^+\Sigma_c^{*+}$	6774	1	14143
6776	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0\bar{D}^{*-}D_1^+$	6775	1	14144
6777	$e^+e^- \to \pi^+\pi^-K^0K^+\bar{D}^{*-}D^0J/\psi$	6776	1	14145
6778	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^{*+}\eta_c$	6777	1	14146
6779	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-K^-\bar{D}^{*-}D^0$	6778	1	14147
6780	$e^+e^- \to \pi^+\rho^+\eta\omega D^-D^0D_s^-$	82	1	14148
6781	$e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+}D^0D_s^-$	6780	1	14149
6782	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_1^-$	6781	1	14150
6783	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega K^0D^+D^{*+}\bar{D}^{*-}$	1325	1	14151
6784	$e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^*\bar{K}^*D^+\Delta^+\bar{\Delta}^{++}$	322	1	14152

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6785	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^-\bar{D}^0\bar{D}^0D_s^+$	6784	1	14153
6786	$e^+e^- \to \pi^0\pi^+K^{*-}D^-D^0\bar{D}^0D_s^{*+}$	6785	1	14154
6787	$e^+e^- \to \pi^+\pi^-K^+K^-D^{*+}D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	6786	1	14155
6788	$e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*-}$	6787	1	14156
6789	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^+D^-D_s^{*+}$	1327	1	14157
6790	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	6789	1	14158
6791	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\eta K^-K^{*+}\phi D^-D^-$	6790	1	14159
6792	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^{*+}\bar{D}^{*-}D^0$	6791	1	14160
6793	$e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	6792	1	14161
6794	$e^+e^- \to \pi^0\bar{K}^0K^*D^-D^{*+}D^0\bar{D}^{*0}$	6793	1	14162
6795	$e^+e^- \to \pi^0K^0D^{*+}D^{*+}\bar{D}^{*-}p\bar{\Delta}^{++}$	6794	1	14163
6796	$e^+e^- \to K^*\bar{K}^*D^{*0}\bar{D}^{*0}\eta_c$	6795	1	14164
6797	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-K^{*+}\bar{D}^{*-}\bar{p}\Lambda_c^+$	6796	1	14165
6798	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{K}^0\eta'\bar{D}^{*-}D^0$	6797	1	14166
6799	$e^+e^- \to \pi^+K^{*-}D^+D_s^{*-}J/\psi$	6798	1	14167
6800	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-\bar{p}\Xi_c^{*+}$	6799	1	14168
6801	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^-D^{*+}D_{s1}'^-$	6800	1	14169
6802	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}$	6801	1	14170
6803	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}D_s^{*-}D_1^+$	6802	1	14171
6804	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+K^-D^-D_s^+$	6803	1	14172
6805	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^+K^{*-}D^-D^{*+}$	323	1	14173
6806	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^+\rho^-\eta\bar{D}^{*-}D^0$	6805	1	14174
6807	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+\Delta^+\bar{\Lambda}_c^-$	6806	1	14175
6808	$e^+e^- \to e^-\bar{\nu}_e\rho^0K^0D^{*+}J/\psi$	6807	1	14176
6809	$e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	1329	1	14177
6810	$e^+e^- \to K^0K^0K^{*+}D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-}$	6809	1	14178
6811	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega\bar{K}^0K^*K^{*+}D^{*+}$	324	1	14179
6812	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}$	6811	1	14180
6813	$e^+e^- \to \pi^0\eta\omega K^0K^-D^-D^{*+}D^{*+}$	6812	1	14181
6814	$e^+e^- \to \rho^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}D^{*0}$	6813	1	14182
6815	$e^+e^- \to \pi^-\bar{D}^{*-}D_s^+\bar{\Delta}^+\Sigma_c^{++}$	6814	1	14183
6816	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D^{*0}$	6815	1	14184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6817	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^*K^+K^{*-}D^-$	6816	1	14185
6818	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-D^{*+}D_s^{*-}$	6817	1	14186
6819	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	6818	1	14187
6820	$e^+e^- \to K^*D^+D^-D^{*+}D_s^-\gamma$	6819	1	14188
6821	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^+n\bar{p}$	6820	1	14189
6822	$e^+e^- \to K^-\phi\bar{\Delta}^0\Sigma_c^{*+}K_0^0$	6821	1	14190
6823	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D_s^{*+}D_s^{*-}$	6822	1	14191
6824	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^-D_2^{*+}$	6823	1	14192
6825	$e^+e^- \to \rho^0\pi^-\bar{K}^*K^-D^+D^{*+}$	6824	1	14193
6826	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0K^-D^+D^-n\bar{n}$	6825	1	14194
6827	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^+K^{*-}\eta'D^+D^-$	6826	1	14195
6828	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^+K^{*-}D^+\bar{D}^0$	325	1	14196
6829	$e^+e^- \to \pi^0\pi^+\pi^-K^-\bar{D}^0D^{*0}D_s^+p\bar{p}$	6828	1	14197
6830	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega D^{*+}\bar{D}^{*-}a_1^+$	6829	1	14198
6831	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	1332	1	14199
6832	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^*D^+D^-D^{*+}$	1333	1	14200
6833	$e^+e^- \to K^{*+}K^{*-}D^+\bar{D}^{*-}\bar{D}^0D^{*0}$	6832	1	14201
6834	$e^+e^- \to \pi^0\pi^0\omega D^+D^-\bar{D}^0n\bar{\Lambda}$	6833	1	14202
6835	$e^+e^- \to \rho^0K^0K^+K^-D^+\bar{D}^{*-}D^0$	6834	1	14203
6836	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0D^-D^{*0}p\bar{\Lambda}$	6835	1	14204
6837	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta'D^-D^{*+}$	6836	1	14205
6838	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+}$	6837	1	14206
6839	$e^+e^- \to \rho^-K^+D^-D^{*+}D^{*0}$	6838	1	14207
6840	$e^+e^- \to \pi^0\rho^0\rho^+D^+\bar{D}^{*-}n\bar{p}$	6839	1	14208
6841	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}$	1334	1	14209
6842	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-K^0D^+D^-$	6841	1	14210
6843	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^*K^+D^-D^-$	6842	1	14211
6844	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^{*-}$	6843	1	14212
6845	$e^+e^- \to e^+\nu_e\eta'D^-\bar{D}^{*-}D_s^{*+}$	6844	1	14213
6846	$e^+e^- \to \pi^0\pi^0\omega\bar{D}^{*0}\bar{\Sigma}^{*0}\Xi_c'^0$	6845	1	14214
6847	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta D^+\bar{D}^{*-}$	6846	1	14215
6848	$e^+e^- \to \pi^0\pi^+D^0\bar{D}^0D_s^-\Sigma^{*0}\bar{\Xi}^0$	6847	1	14216

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6849	$e^+e^- \to \rho^0\rho^0\rho^-\eta D^{*+}\bar{D}^{*0}$	6848	1	14217
6850	$e^+e^- \to \mu^+\nu_\mu\pi^- D^+ D_1'^-$	6849	1	14218
6851	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0 D^+\bar{D}^{*-}$	1335	1	14219
6852	$e^+e^- \to \pi^0\rho^0\pi^- K^- D^+\bar{\Sigma}^{*0}\Sigma_c^{*+}$	6851	1	14220
6853	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	6852	1	14221
6854	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+ K^+ K^{*-} D^- D_1'^-$	1336	1	14222
6855	$e^+e^- \to \pi^0\pi^- K^0 D^{*+} D_s^- \Delta^{++}\bar{\Lambda}_c^-\gamma$	6854	1	14223
6856	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-}$	6855	1	14224
6857	$e^+e^- \to e^-\bar{\nu}_e D^{*+} J/\psi\bar{K}_1^0$	6856	1	14225
6858	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^- K^0\bar{K}^0 D^+\bar{D}^{*-}$	6857	1	14226
6859	$e^+e^- \to \pi^0\pi^-\rho^-\omega\omega D^+ D^+$	6858	1	14227
6860	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	1337	1	14228
6861	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-} D_s^+$	6860	1	14229
6862	$e^+e^- \to \rho^+\rho^+\rho^- D^+ D^- D_s^-$	6861	1	14230
6863	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^* K^+ D^+ D^-$	6862	1	14231
6864	$e^+e^- \to \pi^0\pi^- D^{*+} D^{*+} a_1^-$	6863	1	14232
6865	$e^+e^- \to \rho^+\eta\eta\omega\bar{K}^0\bar{D}^{*-} D^0\bar{D}^{*0}$	6864	1	14233
6866	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega D_2^{*-} D^0 D_s^-$	1338	1	14234
6867	$e^+e^- \to \pi^0\rho^+\omega D^- D^{*+} a_1^-\gamma$	6866	1	14235
6868	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\omega D^- D_1^-$	1339	1	14236
6869	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-} D_s^+ n\bar{n}$	6868	1	14237
6870	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+ D_2^{*-} D_s^+$	6869	1	14238
6871	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\bar{K}^0 D^+ D^{*+}\bar{D}^0\gamma$	6870	1	14239
6872	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+ D^+\bar{D}^{*-}$	6871	1	14240
6873	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ D^- D_s^- D_1^+$	6872	1	14241
6874	$e^+e^- \to \pi^+\omega\omega\eta' D^+ D^- D_s^-$	1340	1	14242
6875	$e^+e^- \to \pi^+\pi^-\pi^- D^+ D_s^- \Delta^+\bar{\Sigma}_c^{*0}$	1341	1	14243
6876	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ K^0\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma_c^{*0}$	6875	1	14244
6877	$e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^* K^{*+} D^- D^{*+}$	6876	1	14245
6878	$e^+e^- \to \pi^0\rho^0\pi^+ K^0 K^0 K^- D_s^- D_1^+$	6877	1	14246
6879	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}$	6878	1	14247
6880	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^+\bar{D}^0\Delta^+\bar{\Delta}^+$	6879	1	14248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6881	$e^+e^- \to \rho^+\omega K^- D^+ D^- \Delta^+ \bar{\Delta}^+$	6880	1	14249
6882	$e^+e^- \to \mu^+\nu_\mu K_2^{*0} \bar{D}^{*-} J/\psi$	326	1	14250
6883	$e^+e^- \to e^-\bar{\nu}_e K^* D^0 \bar{D}^0 D_1^+$	1343	1	14251
6884	$e^+e^- \to \pi^0 K^0 K^0 \bar{K}^* \eta' D^{*+} \bar{D}^{*-} D^0$	6883	1	14252
6885	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+ D^- \bar{D}^{*-}$	6884	1	14253
6886	$e^+e^- \to K^{*+} D^0 n \bar{\Delta}^0 \Delta^+ \bar{\Sigma}_c^{*--}$	6885	1	14254
6887	$e^+e^- \to e^+\nu_e K^0 \bar{D}^{*-} D_s^+ D_s^-$	6886	1	14255
6888	$e^+e^- \to \pi^0\omega\bar{K}^0 D^- \eta_c \bar{n} p$	6887	1	14256
6889	$e^+e^- \to D^- \bar{D}^{*-} \bar{n} p D_{s1}'^+$	6888	1	14257
6890	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ \bar{D}^0 p \bar{\Sigma}_c^{--}$	6889	1	14258
6891	$e^+e^- \to \pi^0\pi^0\rho^- D^- D_s^+ \Delta^+ \bar{\Sigma}_c^{*0}$	6890	1	14259
6892	$e^+e^- \to \pi^0\rho^+\eta D^{*+} \Delta^- n \bar{p} \bar{\Sigma}_c^0$	6891	1	14260
6893	$e^+e^- \to \pi^+\rho^-\rho^- K^0 D^+ D^{*+} \bar{D}^{*-}$	6892	1	14261
6894	$e^+e^- \to \rho^- D^- D_2^{*+} \bar{\Delta}^- \Delta^0$	6893	1	14262
6895	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+} D^+ D^-$	6894	1	14263
6896	$e^+e^- \to \pi^+\bar{K}^0 \bar{p} \bar{\Xi}_c'^0 \psi'$	6895	1	14264
6897	$e^+e^- \to \tau^-\bar{\nu}_\tau \pi^0\pi^- \bar{K}^* K^+ D^+$	6896	1	14265
6898	$e^+e^- \to \pi^- K^0 \bar{K}^0 D^+ \bar{D}^{*-} D_{s1}'^+$	6897	1	14266
6899	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^- K^+ K^{*-} D^- D^{*+}$	6898	1	14267
6900	$e^+e^- \to \pi^-\rho^+\omega\omega\bar{K}^0 K^* K^+ K^{*-} D^+ D^- \gamma$	6899	1	14268
6901	$e^+e^- \to \pi^0\rho^0\rho^-\eta K^* D^{*+} D_s^+ D_s^-$	1344	1	14269
6902	$e^+e^- \to \pi^0\pi^0\omega K_S D^{*+} \bar{D}^{*-} \eta_c$	6901	1	14270
6903	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^+\rho^- D^+ D^- \gamma$	6902	1	14271
6904	$e^+e^- \to \rho^+\rho^- D^{*+} J/\psi D_{s1}'^- \gamma$	6903	1	14272
6905	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0 \bar{K}^* D^+ \bar{D}^{*-}$	6904	1	14273
6906	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0 D^{*+} D^{*0}$	6905	1	14274
6907	$e^+e^- \to \mu^+\nu_\mu K_S \bar{D}^{*-} \chi_{c1}$	6906	1	14275
6908	$e^+e^- \to \pi^0\pi^-\eta\eta\bar{K}^0 K^+ \bar{D}^{*-} D^{*0} D_s^+$	6907	1	14276
6909	$e^+e^- \to \pi^0\pi^0\rho^+\omega K^- D^- D^{*+} \bar{D}^{*0}$	6908	1	14277
6910	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ K^+ D^{*+}$	6909	1	14278
6911	$e^+e^- \to \pi^+\rho^+\rho^- D^+ D^- \Delta^0 \bar{\Delta}^+$	6910	1	14279
6912	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^+ K^- D^{*+} \bar{D}^{*-}$	6911	1	14280

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6913	$e^+e^- \to e^+\nu_e\pi^0K^0D^-D^{*+}\bar{D}^{*-}$	6912	1	14281
6914	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+\bar{D}^0$	1345	1	14282
6915	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta K^0K^-D^+\bar{D}^{*-}$	6914	1	14283
6916	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}D_1^-$	1346	1	14284
6917	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}$	6916	1	14285
6918	$e^+e^- \to \rho^0\pi^+\eta\bar{K}^0K^*D_s^-J/\psi$	6917	1	14286
6919	$e^+e^- \to \pi^+\eta D^-D_s^{*-}D_1^+$	6918	1	14287
6920	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^*D^-D^{*+}$	6919	1	14288
6921	$e^+e^- \to \rho^+\rho^+K^{*-}D^-J/\psi$	6920	1	14289
6922	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0K^-D^+D_1^+$	6921	1	14290
6923	$e^+e^- \to \pi^0\pi^0\rho^+\eta\omega\bar{D}^{*-}D^0$	6922	1	14291
6924	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^*K^+K^-D^{*+}$	6923	1	14292
6925	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-D^+D_0^{*-}$	6924	1	14293
6926	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\phi D^{*+}\bar{D}^{*-}D_s^{*+}$	6925	1	14294
6927	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^0$	6926	1	14295
6928	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^0D_s^{*+}$	6927	1	14296
6929	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega\bar{K}^0K^+\phi D^-D^0$	6928	1	14297
6930	$e^+e^- \to \pi^0\rho^0\pi^+\eta\omega D^+D^-\bar{D}^{*-}$	6929	1	14298
6931	$e^+e^- \to K^0\bar{K}^*D^-D^{*+}\bar{D}^0D^{*0}$	6930	1	14299
6932	$e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*+}D_1'^-$	6931	1	14300
6933	$e^+e^- \to \rho^0\pi^+\rho^-\eta\omega\omega D^-D^{*+}$	6932	1	14301
6934	$e^+e^- \to e^-\bar{\nu}_e\phi D^+D^{*+}D_s^-$	1347	1	14302
6935	$e^+e^- \to \pi^0\pi^0\omega K^0\bar{K}^*D^+\bar{D}^0D_s^{*-}$	6934	1	14303
6936	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-\omega K^+D^-D^{*+}D^{*+}$	1348	1	14304
6937	$e^+e^- \to \mu^+\nu_\mu\pi^0K^-D_s^{*+}D_0^{*-}$	6936	1	14305
6938	$e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{K}^0\bar{K}^0K^+K^+D^-D^{*+}$	6937	1	14306
6939	$e^+e^- \to \pi^0\pi^+\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	1349	1	14307
6940	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}$	6939	1	14308
6941	$e^+e^- \to \pi^-\pi^-\bar{K}^*D^+\bar{D}^0D_s^{*+}$	6940	1	14309
6942	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^+\rho^-\rho^-D^-D^{*+}$	1350	1	14310
6943	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+\bar{D}^{*-}D^{*0}D_1^+$	6942	1	14311
6944	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\omega K^0K^-D^{*+}\bar{D}^{*-}$	6943	1	14312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6945	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\omega\omega K^0\bar{K}^*D^+\bar{D}^{*-}$	6944	1	14313
6946	$e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^{*-}p\bar{p}D_{s1}'^+$	6945	1	14314
6947	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\eta\bar{K}^0K^*D^+D^-$	6946	1	14315
6948	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta D^{*+}\bar{D}^{*-}$	6947	1	14316
6949	$e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*-}n\bar{\Delta}^0$	6948	1	14317
6950	$e^+e^- \to \phi D^-D^{*+}D_s^-D_s^{*+}$	6949	1	14318
6951	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+\bar{D}^{*-}$	6950	1	14319
6952	$e^+e^- \to \pi^+\pi^-K^-D^+D^-\bar{D}^0D_s^{*+}$	1351	1	14320
6953	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^0D^-D^{*+}$	83	1	14321
6954	$e^+e^- \to \pi^0\pi^+\omega K^*D^-D^0\bar{D}^{*0}$	1353	1	14322
6955	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0\eta'D^{*+}\bar{D}^{*-}$	6954	1	14323
6956	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-}$	6955	1	14324
6957	$e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D^{*0}$	6956	1	14325
6958	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^*K^{*-}D^-D^{*+}D_s^{*+}$	6957	1	14326
6959	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}$	6958	1	14327
6960	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}\gamma$	328	1	14328
6961	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*0}$	1355	1	14329
6962	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	6961	1	14330
6963	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^{*-}D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	1356	1	14331
6964	$e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0K^{*-}D^-J/\psi$	6963	1	14332
6965	$e^+e^- \to \pi^-\rho^+D^{*+}D_2^{*-}$	6964	1	14333
6966	$e^+e^- \to \mu^+\nu_\mu X_u^-\bar{K}^*D^{*+}\bar{D}^{*-}$	6965	1	14334
6967	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-D^0$	6966	1	14335
6968	$e^+e^- \to \pi^+\omega K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	6967	1	14336
6969	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0K^{*+}\eta'D^+D_s^-n\bar{p}$	6968	1	14337
6970	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^+K^-D^-\bar{D}^{*-}D^0$	1357	1	14338
6971	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+D^-$	6970	1	14339
6972	$e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+\Delta^+\bar{\Lambda}_c^-$	6971	1	14340
6973	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau X_u^-D^{*+}$	6972	1	14341
6974	$e^+e^- \to \pi^0\pi^0\rho^-D^-\bar{\Delta}^0pp\bar{\Sigma}_c^0$	6973	1	14342
6975	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-D^+D^+\bar{n}\Delta^0$	6974	1	14343
6976	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^+D^{*+}D_s^-$	6975	1	14344

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
6977	$e^+e^- \to \rho^+ K^0 \bar{K}^0 D^{*+} \bar{D}^{*-} D'^-_{s1}$	329	1	14345
6978	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \pi^+ \pi^- \pi^- D^+ \bar{D}^{*-}$	6977	1	14346
6979	$e^+e^- \to \pi^0 \rho^+ \omega \bar{K}^* D^- \bar{\Delta}^0 \Sigma^0_c$	6978	1	14347
6980	$e^+e^- \to \pi^0 K^0 K^- D^+ D^- D^+_s$	6979	1	14348
6981	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \rho^+ \omega D^+ D^-$	6980	1	14349
6982	$e^+e^- \to e^+ \nu_e D^{*+} D^-_1 a^-_1 \gamma$	6981	1	14350
6983	$e^+e^- \to \pi^+ K^0 \bar{K}^0 K^* \eta' D^- D^- D^{*+}$	6982	1	14351
6984	$e^+e^- \to \pi^+ \omega K^+ D^- D^{*0} \Delta^+ \bar{\Sigma}^{--}_c$	6983	1	14352
6985	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \rho^- \eta D^+ \bar{D}^{*0}$	84	1	14353
6986	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^+ \omega \omega K^0 K^- D^+ D^-$	1360	1	14354
6987	$e^+e^- \to e^- \bar{\nu}_e \pi^- D^+ \bar{D}^{*0} D^+_s$	6986	1	14355
6988	$e^+e^- \to e^+ \nu_e \eta K^- D^+ \bar{D}^{*-} p \bar{p}$	6987	1	14356
6989	$e^+e^- \to \rho^+ D^- \bar{D}^{*-} D^+_s n \bar{n}$	6988	1	14357
6990	$e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- K^* D^- D^{*+} \bar{D}^{*-}$	6989	1	14358
6991	$e^+e^- \to \rho^- K^{*+} D^{*+} \bar{D}^{*-} D^{*0} n \bar{n}$	6990	1	14359
6992	$e^+e^- \to e^+ \nu_e \bar{D}^{*-} \bar{D}^0 n \bar{\Sigma}^0$	6991	1	14360
6993	$e^+e^- \to e^+ \nu_e K^+ \bar{D}^{*-} D^{*-}_2 D^0$	6992	1	14361
6994	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \omega K^0 \bar{K}^0 K^- D^{*+} D^0$	6993	1	14362
6995	$e^+e^- \to \pi^0 \rho^0 \rho^0 \rho^+ K^* K^- D^+ \bar{D}^{*-}$	331	1	14363
6996	$e^+e^- \to \pi^0 \pi^0 \pi^+ \omega D^+ D^- n \bar{p}$	6995	1	14364
6997	$e^+e^- \to \pi^+ \pi^- \rho^- \omega K^* D^+ D^- D^{*+}$	1362	1	14365
6998	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \rho^+ \rho^- \omega \bar{D}^{*-}$	6997	1	14366
6999	$e^+e^- \to \pi^0 \pi^+ \pi^+ \eta K^{*-} D^+ \bar{D}^{*-} \Delta^- \bar{n}$	6998	1	14367
7000	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \rho^+ K^{*-} D^+ D^- \bar{D}^{*0}$	6999	1	14368
7001	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ K^{*+} \bar{D}^{*-} D^0 D^{*0}$	1363	1	14369
7002	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^- \omega K^0 K^+ K^- K^{*-} D^+ D^{*+}$	7001	1	14370
7003	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- K^{*+} D^+ D^-_s p \bar{p}$	7002	1	14371
7004	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \pi^- \rho^+ \rho^+ \bar{K}^* D^- D^0$	7003	1	14372
7005	$e^+e^- \to \pi^0 \pi^0 \pi^+ K^0 \bar{K}^0 K^* K^- D^- D^{*+} \Delta^0 \bar{\Delta}^0$	7004	1	14373
7006	$e^+e^- \to e^+ e^- \nu_e \bar{\nu}_e \pi^0 \pi^0 \bar{D}^{*-} D^{*+}_0$	7005	1	14374
7007	$e^+e^- \to \pi^0 \rho^0 \rho^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \rho^- \eta D^+ D^-$	1364	1	14375
7008	$e^+e^- \to \pi^0 \pi^+ \pi^+ K^- D^- D^{*0} \chi_{c1}$	7007	1	14376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7009	$e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^{*-} \bar{\Delta}^- n$	7008	1	14377
7010	$e^+e^- \to \rho^0\pi^+\rho^+\rho^- K^+ K^- D^+ D^- D_{s0}^{*-}$	7009	1	14378
7011	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau \bar{D}^{*-} D_2^{*+}\gamma$	7010	1	14379
7012	$e^+e^- \to e^-\bar{\nu}_e K^+ D^+ \Sigma^0 \bar{\Sigma}_c^{*-}$	7011	1	14380
7013	$e^+e^- \to \pi^0\pi^0\rho^- K^{*-} D^{*+} D^{*+} \bar{D}^0$	7012	1	14381
7014	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- K^0 \bar{K}^* K^+ K^- D^- \bar{D}^{*-} D_s^+$	1365	1	14382
7015	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta\omega D^+ \bar{D}^{*-}$	7014	1	14383
7016	$e^+e^- \to \pi^0\pi^0\pi^+\rho^- \bar{K}^0 \bar{D}^0 D_s^{*+} D_s^{*-}$	7015	1	14384
7017	$e^+e^- \to \rho^+ K^- \bar{D}^{*-} \bar{D}^0 D^{*0} D_s^{*+}$	1366	1	14385
7018	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta D^- D^{*+}$	7017	1	14386
7019	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\rho^- K^* D^{*+} p\bar{p}$	7018	1	14387
7020	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\omega\eta' D^- D^- \bar{\Delta}^- \Delta^-$	7019	1	14388
7021	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+} D_s^-$	7020	1	14389
7022	$e^+e^- \to e^+\nu_e \bar{K}^0 D^+ D^- n\bar{\Sigma}^-$	7021	1	14390
7023	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\omega\omega D^+ D^-$	7022	1	14391
7024	$e^+e^- \to \pi^+\rho^-\eta\omega K^0 D^{*+} \bar{D}^{*-} D^0$	7023	1	14392
7025	$e^+e^- \to e^+\nu_e\omega K^0 D^- D^{*+} \bar{D}^{*-}$	7024	1	14393
7026	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^0 \bar{K}^* K^- K^{*+} D^- \bar{D}^{*-} D_s^+$	7025	1	14394
7027	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^- D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	7026	1	14395
7028	$e^+e^- \to \pi^0 \bar{K}^* D^- D^{*+} \bar{D}^{*-} \bar{\Delta}^- n$	1367	1	14396
7029	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta' D^{*+} \bar{D}^{*-}$	7028	1	14397
7030	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^- \bar{K}^* K^+ D^{*+} \bar{D}^{*-}$	7029	1	14398
7031	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^0 \bar{D}^{*0}$	7030	1	14399
7032	$e^+e^- \to \pi^0\rho^0\rho^0\eta D^{*0} D_s^+ D_s^{*-}$	7031	1	14400
7033	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- K^+ D^- D^{*+}$	7032	1	14401
7034	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0 K^{*+} D^- D^{*+}$	1368	1	14402
7035	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega\bar{K}^0 K^+ D^- D^{*+}$	7034	1	14403
7036	$e^+e^- \to \pi^0\pi^-\omega\omega K^0 \bar{K}^0 \bar{K}^* K^{*+} D^- D^{*+}$	7035	1	14404
7037	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+ D^-$	7036	1	14405
7038	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega K^0 K^- D^- D^{*0}$	1369	1	14406
7039	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\omega K^0 D^+$	7038	1	14407
7040	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\omega\omega \bar{D}^{*-} \bar{\Delta}^- p$	1370	1	14408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7041	$e^+e^- \to \eta\bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-} a_1^+$	7040	1	14409
7042	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+ D^- D^0$	7041	1	14410
7043	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^- D^+ \bar{D}^{*-} D_s^-$	7042	1	14411
7044	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega K^+ K^- D^+ \bar{D}^{*-}$	7043	1	14412
7045	$e^+e^- \to \pi^-\omega\omega D^+ \bar{D}^{*-} a_1^+$	7044	1	14413
7046	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+ K^* K^{*-} D^+ \bar{D}^{*-}$	7045	1	14414
7047	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} D_2^{*+} n\bar{p}$	1371	1	14415
7048	$e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0 D^- D^{*+} D^{*+}$	7047	1	14416
7049	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^* D^+ D_s^{*-}$	7048	1	14417
7050	$e^+e^- \to \rho^+\eta\omega\bar{K}^0 K^+ D^- D^{*0} D_s^{*-}$	7049	1	14418
7051	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega D^+ D^-$	1372	1	14419
7052	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+} D^{*0}$	7051	1	14420
7053	$e^+e^- \to \pi^0\pi^-\omega K^* D^- D^{*+} D^{*+}$	332	1	14421
7054	$e^+e^- \to e^-\bar{\nu}_e K^* D^{*+} D_s^+ D_s^{*-}$	7053	1	14422
7055	$e^+e^- \to \pi^-\rho^- D^+ \bar{\Delta}^- n\bar{n}\Lambda$	7054	1	14423
7056	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0 K^{*+} D^- \bar{D}^{*-} D_s^+\gamma$	7055	1	14424
7057	$e^+e^- \to \eta K^+ D^{*+} \bar{D}^{*-} D^{*0} D_s^-$	7056	1	14425
7058	$e^+e^- \to \rho^+ K^* K^- D^+ D^+ D^- \bar{D}^{*-}$	7057	1	14426
7059	$e^+e^- \to \pi^0\rho^+\eta K^{*-} D^+ \bar{D}^{*-} \bar{D}^{*0}$	7058	1	14427
7060	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+ D^- D^0$	7059	1	14428
7061	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^0$	7060	1	14429
7062	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^- D^- \bar{D}^{*-} D^{*0}$	7061	1	14430
7063	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\eta' D^+ \bar{D}^0 D_s^-$	1374	1	14431
7064	$e^+e^- \to \omega\bar{K}^* K^+ \bar{D}^{*-} D_s^+ D_1^-$	7063	1	14432
7065	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+ K^{*-} D^- D^0 D_1'^+$	7064	1	14433
7066	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\rho^- K^{*+} D^+ \bar{D}^0$	7065	1	14434
7067	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D_s^{*+} D_s^{*-}$	333	1	14435
7068	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\rho^-\eta\bar{K}^0 K^+ D^+ D^-\gamma$	1376	1	14436
7069	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta K^+ D^+ D^-$	7068	1	14437
7070	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta' \bar{D}^{*-} \bar{D}^{*-}$	7069	1	14438
7071	$e^+e^- \to e^-\bar{\nu}_e\eta K^+ D^+ \bar{D}^{*-} \bar{n}\Lambda$	7070	1	14439
7072	$e^+e^- \to \pi^-\bar{K}^0 K^+ \bar{D}^{*-} D^0 D_s^{*+}$	7071	1	14440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7073	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}D^+D^-$	7072	1	14441
7074	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\pi^-\rho^-D^+$	7073	1	14442
7075	$e^+e^- \to \mu^+\nu_\mu K_2^{*0}J/\psi D_1^-$	7074	1	14443
7076	$e^+e^- \to \mu^+\nu_\mu\phi D^+D^-D_s^-$	7075	1	14444
7077	$e^+e^- \to \pi^0\rho^0\rho^+\eta K^{*-}D^-D^{*+}\bar{D}^0$	7076	1	14445
7078	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-}$	1377	1	14446
7079	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\omega D^+\bar{D}^{*0}$	7078	1	14447
7080	$e^+e^- \to \eta K^-D^{*+}D^{*+}\bar{D}^{*0}D_s^-$	7079	1	14448
7081	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-}\eta_c$	7080	1	14449
7082	$e^+e^- \to \rho^-\eta\omega K^0D^{*+}D^{*+}\bar{D}^{*-}$	7081	1	14450
7083	$e^+e^- \to \pi^-\rho^+\rho^-D^+\bar{D}^{*-}\bar{n}p$	7082	1	14451
7084	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0\bar{D}^{*-}\bar{D}^0D^{*0}$	7083	1	14452
7085	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*D^{*+}D_2^{*-}$	7084	1	14453
7086	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta D^-D^0$	1378	1	14454
7087	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^*D^+\bar{D}^{*0}D_s^-n\bar{p}$	7086	1	14455
7088	$e^+e^- \to \rho^0K^0J/\psi p\bar{\Sigma}_c^-$	7087	1	14456
7089	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^{*-}D^+D^{*+}$	7088	1	14457
7090	$e^+e^- \to K_S\bar{K}^*D^{*+}\bar{D}^{*-}\eta_c$	7089	1	14458
7091	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0\bar{K}^0\eta'D^{*+}\bar{D}^{*-}$	7090	1	14459
7092	$e^+e^- \to e^+\nu_e\omega\omega D^0D_1^-$	7091	1	14460
7093	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^0D^{*+}D^{*+}D_s^-$	7092	1	14461
7094	$e^+e^- \to \rho^0\pi^+\rho^-K^+K^+K^-K^-D^-D^{*+}$	7093	1	14462
7095	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	7094	1	14463
7096	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^+D^-D^-$	1379	1	14464
7097	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^*D^{*+}D_1^+$	7096	1	14465
7098	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{D}^{*-}p\bar{p}$	7097	1	14466
7099	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega K^0\bar{K}^0K^+K^-D^+D^-$	7098	1	14467
7100	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-\bar{D}^{*-}\bar{\Sigma}^+\Xi_c^0$	7099	1	14468
7101	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_1^-$	7100	1	14469
7102	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^{*+}D^{*0}D_s^-$	7101	1	14470
7103	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0\bar{K}^0D_s^{*+}D_1^-$	7102	1	14471
7104	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}D^0\bar{D}^{*0}$	7103	1	14472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7105	$e^+e^- \to \omega\eta' D^+ \bar{D}^{*-} \bar{D}^{*-} \bar{n}p$	85	1	14473
7106	$e^+e^- \to \pi^+\eta D^+ D^- D_s^{*-} p\bar{p}$	7105	1	14474
7107	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^0 D^- D^0 D_1'^+$	7106	1	14475
7108	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\eta\bar{K}^* D^- \bar{D}^{*-} D^0$	24	1	14476
7109	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^- D^{*+} \bar{D}^{*0} a_1^-$	7108	1	14477
7110	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta K^0 \bar{K}^0 D^- D_2^{*+}$	7109	1	14478
7111	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	7110	1	14479
7112	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0 K^+ D^+ \bar{D}^{*-}$	1382	1	14480
7113	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\pi^- K^+ D^{*+} \bar{D}^{*0} \bar{\Delta}^0 \Delta^+$	7112	1	14481
7114	$e^+e^- \to K^{*+} D^- D^{*+} D^{*0} D_{s1}'^-$	7113	1	14482
7115	$e^+e^- \to \rho^0\bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*-} \bar{n}p$	7114	1	14483
7116	$e^+e^- \to \pi^0\pi^0\bar{K}^0 D^- D^{*+} \bar{D}^{*-} D_s^+$	7115	1	14484
7117	$e^+e^- \to \pi^0\pi^+ D^- D^{*+} D_s^{*-} \bar{\Sigma}^+ \Sigma^-$	7116	1	14485
7118	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\rho^-\rho^- K^0 D^{*+} D_s^-$	7117	1	14486
7119	$e^+e^- \to \pi^0\pi^+\pi^+\eta\bar{D}^{*-} D^{*0} D_s^-$	7118	1	14487
7120	$e^+e^- \to \pi^+\pi^+\rho^-\rho^- K^+ K^{*-} D^+ D^-$	7119	1	14488
7121	$e^+e^- \to \pi^0\pi^0\rho^+ D^+ D^- n\bar{p}$	7120	1	14489
7122	$e^+e^- \to e^-\bar{\nu}_e D^+ D^- D_{s1}'^+$	7121	1	14490
7123	$e^+e^- \to \pi^0\pi^0\pi^+ D^+ D^{*+} D_s^{*-} n\bar{\Delta}^{++}$	7122	1	14491
7124	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\eta D^+ \bar{D}^{*-}$	7123	1	14492
7125	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^* \bar{K}^* D^- D^0 D_s^+$	7124	1	14493
7126	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^- D^{*+}$	7125	1	14494
7127	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega K^0 D^- \bar{D}^{*-} \bar{n}p$	7126	1	14495
7128	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^* K^- D^+ \bar{D}^0 D_s^{*+}$	7127	1	14496
7129	$e^+e^- \to \pi^0\pi^+ K^0 \bar{K}^* K^+ K^{*-} \bar{D}^{*-} D_2^{*+} D_s^-$	7128	1	14497
7130	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+ D^- \bar{\Delta}^{++} \Sigma_c^{*+}$	7129	1	14498
7131	$e^+e^- \to \pi^0\pi^0\rho^- D^+ \bar{D}^{*-} \bar{n}p$	7130	1	14499
7132	$e^+e^- \to \rho^0\pi^-\rho^-\eta K^{*+} D^{*+} \bar{D}^{*0}$	7131	1	14500
7133	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- D^+ D^{*+}$	7132	1	14501
7134	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\omega D^- D^{*+} \bar{n}\Delta^{++}$	7133	1	14502
7135	$e^+e^- \to \rho^0\rho^0\rho^+ K^0 \bar{K}^0 D^- \bar{D}^0 D^{*0}$	7134	1	14503
7136	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta\eta\omega\bar{K}^0 D^- D_s^+$	1383	1	14504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7137	$e^+e^- \to \eta' D^{*+}\Sigma^{*0}\bar{\Xi}_c'^0 a_1^- \gamma$	7136	1	14505
7138	$e^+e^- \to \pi^+\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}$	7137	1	14506
7139	$e^+e^- \to \pi^+\pi^+\pi^-\omega\omega\bar{K}^0 D^+ D^- \bar{D}^{*-}$	7138	1	14507
7140	$e^+e^- \to \pi^0\rho^+\eta K^0 D^+ D^- \bar{D}^{*-}$	1384	1	14508
7141	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^* D^- D^-$	1385	1	14509
7142	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^* D^+ D^{*+}\bar{D}^{*-}$	1386	1	14510
7143	$e^+e^- \to \rho^+ K_S D^- J/\psi\bar{p}\Delta^+$	1387	1	14511
7144	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^0 D_1^+\chi_{c1}$	7143	1	14512
7145	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^+\bar{D}^{*0} n\bar{p}$	7144	1	14513
7146	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega\omega D^- D^{*+}$	7145	1	14514
7147	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{K}^0 D^+ D^- \bar{D}^0$	7146	1	14515
7148	$e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^0 K^{*+} D_2^{*-}$	7147	1	14516
7149	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^- D^- D^{*+}\bar{D}^0$	7148	1	14517
7150	$e^+e^- \to e^+\nu_e\eta\bar{K}^*\bar{D}^{*-} D^0\bar{D}^0$	7149	1	14518
7151	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^- K^* K^{*-} D^+\bar{D}^{*-}$	7150	1	14519
7152	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- D^- D^{*+}\bar{\Delta}^0\Delta^+$	7151	1	14520
7153	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+$	7152	1	14521
7154	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{K}_1^0\psi(3770)$	7153	1	14522
7155	$e^+e^- \to K^0\bar{K}^* D^+ D^- p\bar{\Lambda}_c^-$	7154	1	14523
7156	$e^+e^- \to \mu^+\nu_\mu K^{*-} D^+\bar{D}^0 D_1^-\gamma$	7155	1	14524
7157	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ K^*\bar{D}^{*-}\bar{D}^0 D_s^{*+}$	1388	1	14525
7158	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-} n\bar{n}$	7157	1	14526
7159	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega D^+ D^-$	7158	1	14527
7160	$e^+e^- \to K_L K^+\bar{D}^{*-} D^0\eta_c$	7159	1	14528
7161	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0 D^+ D^- D^-$	7160	1	14529
7162	$e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^+\rho^- K^0 K^- D^-\bar{D}^{*-}$	7161	1	14530
7163	$e^+e^- \to \pi^+\pi^-\bar{K}^* D^- D^{*+}\bar{D}^{*-} D_s^{*+}$	7162	1	14531
7164	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\omega D^- D^{*+}$	7163	1	14532
7165	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\phi\bar{D}^{*-}\bar{D}^0 D_s^{*+}$	7164	1	14533
7166	$e^+e^- \to \pi^0\pi^+\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}\gamma$	7165	1	14534
7167	$e^+e^- \to \pi^0\pi^- D^+ D^-\bar{n}p$	7166	1	14535
7168	$e^+e^- \to \rho^+ K^{*-} D^+ D^- n\bar{\Lambda}$	7167	1	14536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7169	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-D^-D^{*+}D_s^{*+}$	7168	1	14537
7170	$e^+e^- \to K^0K^0K^0\bar{K}^0\bar{K}^*K^+K^-D^+\bar{D}^{*-}D^{*0}$	7169	1	14538
7171	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_s^+D_1^-$	7170	1	14539
7172	$e^+e^- \to \pi^+\pi^-\omega\bar{D}^{*-}D^{*0}D_s^+\gamma$	7171	1	14540
7173	$e^+e^- \to \rho^0\pi^-\omega D^-D^{*+}\bar{n}p$	7172	1	14541
7174	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-D^+D_1^+$	7173	1	14542
7175	$e^+e^- \to D^-D^{*0}p\bar{\Delta}^+D_{s1}'^+$	7174	1	14543
7176	$e^+e^- \to \rho^0\pi^-\omega D^{*+}D^{*+}D_s^{*-}$	7175	1	14544
7177	$e^+e^- \to \pi^+\rho^-\rho^-\eta\omega\eta'D^{*+}p\bar{\Sigma}_c^-$	7176	1	14545
7178	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	7177	1	14546
7179	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^{*-}$	7178	1	14547
7180	$e^+e^- \to \pi^+\rho^-\eta\omega K^0K^*K^-D^{*+}$	7179	1	14548
7181	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0D^+D^{*+}$	7180	1	14549
7182	$e^+e^- \to \pi^+K^-D^-D^0\bar{D}^0D_s^+$	7181	1	14550
7183	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^{*+}\bar{D}^0D_s^+$	7182	1	14551
7184	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^+\pi^-D_2^{*-}$	7183	1	14552
7185	$e^+e^- \to \pi^0\pi^+\pi^-K^*D^{*+}\bar{D}^{*-}D^0$	7184	1	14553
7186	$e^+e^- \to \pi^0\rho^-D^+D^{*+}D_s^-\bar{\Sigma}^+\Sigma^-$	7185	1	14554
7187	$e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	7186	1	14555
7188	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	1389	1	14556
7189	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\rho^+\rho^+D^-D^{*+}$	7188	1	14557
7190	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^0$	7189	1	14558
7191	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^*K^-D^{*+}D^{*+}a_1^-$	7190	1	14559
7192	$e^+e^- \to \pi^0\pi^0\rho^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	1390	1	14560
7193	$e^+e^- \to \pi^+\eta K^*D^-D^{*+}\bar{D}^{*-}$	7192	1	14561
7194	$e^+e^- \to e^+\nu_e\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^-$	1391	1	14562
7195	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^+D^+D^-$	7194	1	14563
7196	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+K^{*-}D^+D^-D^{*+}\bar{D}^0$	7195	1	14564
7197	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+\rho^-\eta\bar{D}^{*-}$	7196	1	14565
7198	$e^+e^- \to \pi^+\pi^+D^+D^-\Delta^-\bar{n}\Delta^0\bar{\Delta}^+$	7197	1	14566
7199	$e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}D_s^{*-}$	7198	1	14567
7200	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\bar{K}^0K^{*+}D^-D^{*+}$	1392	1	14568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7201	$e^+e^- \to \eta D^+ D^- D_s^{*+} D_s^{*-}$	1393	1	14569
7202	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{K}^0 D^- \eta_c$	7201	1	14570
7203	$e^+e^- \to \pi^0\rho^-\omega K^+ D^+ D^-$	7202	1	14571
7204	$e^+e^- \to \omega\bar{K}^* D^{*0} D^{*0} \bar{D}^{*0}$	7203	1	14572
7205	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta K^0 K^{*-} D^+ D^-$	87	1	14573
7206	$e^+e^- \to \pi^+\pi^+\pi^- D^- D^{*+} \Sigma^0 \bar{\Sigma}^-$	7205	1	14574
7207	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^- D^- D^{*+} \Sigma^0 \bar{\Sigma}^-$	7206	1	14575
7208	$e^+e^- \to \bar{K}^* D^+ \bar{D}^{*-} D_s^+ D_1^-$	7207	1	14576
7209	$e^+e^- \to e^+\nu_e\pi^-\eta\omega\omega D^- D^{*+}$	7208	1	14577
7210	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\omega D^{*+} n \bar{\Lambda}_c^-$	7209	1	14578
7211	$e^+e^- \to e^-\bar{\nu}_e\pi^- K^0 D^+ D^{*+}$	1395	1	14579
7212	$e^+e^- \to \pi^0\rho^-\eta D^- D^{*+} D_s^+$	7211	1	14580
7213	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^- K^{*+} D^- D_s^{*+}$	1396	1	14581
7214	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^- K^* D^+ \bar{D}^{*-}$	1397	1	14582
7215	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^- D^{*+} \bar{D}^{*-}$	7214	1	14583
7216	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0 K^{*+} D^+ \bar{D}^{*-} a_1^-$	7215	1	14584
7217	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^* \bar{D}^{*-} \bar{\Delta}^- n$	1398	1	14585
7218	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega D^- p\bar{p} D_1^-$	7217	1	14586
7219	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^0 \bar{D}^0$	7218	1	14587
7220	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} \bar{D}^0$	7219	1	14588
7221	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega\omega D^+ D^-$	7220	1	14589
7222	$e^+e^- \to \pi^- D^+ \bar{D}^0 D_s^+ \Delta^0 \bar{p}$	7221	1	14590
7223	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- K^* D^+ \bar{D}^0 D^{*0}$	7222	1	14591
7224	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\bar{K}^0 D^- D^{*+}$	7223	1	14592
7225	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^- D^{*+} \bar{D}^{*-} \Delta^+ \bar{\Delta}^+$	7224	1	14593
7226	$e^+e^- \to e^+\nu_e\pi^-\eta\omega D^+ \bar{D}^{*-}$	7225	1	14594
7227	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+ D^- D^{*+} n\bar{p}$	7226	1	14595
7228	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^- K^{*+} D^0 \bar{D}^{*0} D_s^{*+}$	7227	1	14596
7229	$e^+e^- \to \pi^+\pi^-\rho^-\eta D^+ D^- D_s^+$	7228	1	14597
7230	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega\omega\omega K^0 D^{*+} \bar{D}^{*0}$	7229	1	14598
7231	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ \rho^0\pi^+ K^0 \bar{K}^0 K^{*-}$	7230	1	14599
7232	$e^+e^- \to \bar{K}^* D^+ D^- D_2^{*-} D_s^{*+}$	7231	1	14600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7233	$e^+e^- \to \rho^0 \bar{K}^0 K^+ D^+ \bar{D}^{*-} D'^-_{s1}$	7232	1	14601
7234	$e^+e^- \to \mu^+ \nu_\mu \rho^0 \bar{K}^0 K^+ \bar{D}^{*-} D'^-_1$	7233	1	14602
7235	$e^+e^- \to e^+ \nu_e \rho^- D^+_1 D'^-_1$	7234	1	14603
7236	$e^+e^- \to \pi^0 \rho^0 \rho^- K^0 D^{*+} \Sigma^0 \bar{\Sigma}^{*0}_c$	7235	1	14604
7237	$e^+e^- \to \pi^0 \pi^0 \pi^- \rho^+ \omega \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	1399	1	14605
7238	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ D^+ p \bar{\Lambda}^-_c$	7237	1	14606
7239	$e^+e^- \to \pi^0 \pi^+ \pi^- \eta \bar{D}^{*-} \bar{\Delta}^+ \Sigma^{++}_c$	7238	1	14607
7240	$e^+e^- \to e^+ \nu_e \pi^+ \eta D^- D^-$	7239	1	14608
7241	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \rho^- \eta \eta \omega D^{*+} \bar{D}^{*-}$	7240	1	14609
7242	$e^+e^- \to \mu^- \bar{\nu}_\mu \omega D^{*+} \Delta^0 \bar{\Sigma}^{*0}_c$	7241	1	14610
7243	$e^+e^- \to \pi^0 \pi^0 \pi^+ \rho^+ K^{*+} K^{*-} D^- D^0 D^-_s$	7242	1	14611
7244	$e^+e^- \to e^+ \nu_e \pi^+ \pi^+ \rho^- K^+ K^- D^- \bar{D}^{*-}$	1400	1	14612
7245	$e^+e^- \to \mu^+ \nu_\mu \bar{D}^{*-} a^+_1 D'^-_1$	7244	1	14613
7246	$e^+e^- \to \pi^+ \pi^- \omega \bar{K}^0 K^* D^- D^{*+}$	7245	1	14614
7247	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \eta \omega K^0 \bar{K}^0 D^+ D^-$	7246	1	14615
7248	$e^+e^- \to \rho^0 \pi^+ \pi^- K^0 K^- K^{*+} \bar{D}^0 D^{*0} \bar{D}^{*0}$	7247	1	14616
7249	$e^+e^- \to \rho^- K^* D^+ D^{*0} \bar{D}^{*0}$	7248	1	14617
7250	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 p \bar{\Sigma}^{*-}_c D^{*+}_0$	88	1	14618
7251	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ \rho^+ K^0 D^+ D^-$	7250	1	14619
7252	$e^+e^- \to \pi^- K^+ D^+ D^{*+} \bar{D}^{*-} D^{*-}_s$	7251	1	14620
7253	$e^+e^- \to \rho^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- K^* K^+ K^- D^0 \eta_c$	7252	1	14621
7254	$e^+e^- \to \rho^0 \rho^0 \pi^+ \rho^+ \eta \eta K^- K^{*+} D^- \bar{D}^{*-}$	7253	1	14622
7255	$e^+e^- \to \rho^- D^- D^{*+}_s \bar{n} \Xi^{*+}_c$	7254	1	14623
7256	$e^+e^- \to \pi^+ \pi^- \pi^- \eta D^{*+} D^{*+}_2 D^{*-}_s$	7255	1	14624
7257	$e^+e^- \to \mu^+ \nu_\mu \pi^- D^+ \bar{D}^{*-} \bar{n} \Delta^0$	7256	1	14625
7258	$e^+e^- \to \tau^+ \nu_\tau \pi^+ \pi^- \pi^- \omega D^{*+} D^{*-}_2$	7257	1	14626
7259	$e^+e^- \to \pi^0 \pi^0 \pi^- D^- D^{*+} D^+_s$	7258	1	14627
7260	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- K^+ D^{*+} \bar{D}^{*-} D^0$	7259	1	14628
7261	$e^+e^- \to \tau^+ \nu_\tau \rho^- D^+ \Delta^0 \bar{\Delta}^0 D'^-_1$	338	1	14629
7262	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \rho^+ \rho^- \rho^- \omega \bar{K}^0 D^+ D^0$	7261	1	14630
7263	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^+ \pi^- \omega K^- K^{*+} D^+ D^-$	7262	1	14631
7264	$e^+e^- \to \pi^0 \pi^0 \pi^- \pi^- \rho^+ \rho^- K^0 \bar{K}^* D^+ D^{*+}$	7263	1	14632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7265	$e^+e^- \to D_2^{*+} D_s^- \eta_c n \bar{\Lambda}$	7264	1	14633
7266	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega D^- D^{*+}$	7265	1	14634
7267	$e^+e^- \to e^+\nu_e\phi D^- D^{*+} D_s^-$	7266	1	14635
7268	$e^+e^- \to \rho^- K^0 D^+ D_s^+ D_s^{*-} \bar{\Delta}^- \Delta^-$	7267	1	14636
7269	$e^+e^- \to \omega K^+ \bar{D}^{*-} D^{*0} \bar{p} \Xi_c'^+$	7268	1	14637
7270	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\omega D^- D^-$	7269	1	14638
7271	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^0\pi^0 D^- D^{*+}$	7270	1	14639
7272	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^- \bar{D}^{*0}\bar{D}^{*0}$	7271	1	14640
7273	$e^+e^- \to D^+\bar{D}^0 D_s^{*-} p\bar{\Sigma}^-$	7272	1	14641
7274	$e^+e^- \to K_L\pi^-\rho^+\rho^- D^{*+} J/\psi$	339	1	14642
7275	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^- D^+ D^{*+}$	7274	1	14643
7276	$e^+e^- \to \pi^+ K^0 D^{*+} \bar{D}^{*-} D^{*0} \Delta^- \bar{\Delta}^0$	7275	1	14644
7277	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- \bar{K}^* \bar{D}^{*-} \bar{p}\Lambda_c^+$	7276	1	14645
7278	$e^+e^- \to \pi^0\pi^+\omega D^+ \bar{D}^{*-} D_s^{*-}\gamma$	7277	1	14646
7279	$e^+e^- \to \pi^0\rho^0\pi^+\rho^- D^- D^{*+} n\bar{n}$	7278	1	14647
7280	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^- K^0 K^{*-} D^+ \bar{D}^{*-}$	1404	1	14648
7281	$e^+e^- \to \pi^0\pi^0 D^+ D^{*+} D_s^- D_s^{*-}$	7280	1	14649
7282	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^0 D^{*0}\Delta^0\bar{\Sigma}^0$	7281	1	14650
7283	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+ D^- D^{*0} D_s^{*-}$	7282	1	14651
7284	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0\bar{D}^{*-} D^0$	7283	1	14652
7285	$e^+e^- \to \pi^0\rho^-\omega D^{*+} D_2^{*-} D_s^{*+}$	7284	1	14653
7286	$e^+e^- \to \pi^+\pi^-\rho^- K^0 D^{*+}\bar{D}^0 D^{*0}$	7285	1	14654
7287	$e^+e^- \to \pi^0\pi^+\rho^+\eta\eta D^-\bar{D}^{*-}$	7286	1	14655
7288	$e^+e^- \to \pi^0\rho^+ K_S K^* \bar{K}^* \bar{D}^{*-}\psi'$	7287	1	14656
7289	$e^+e^- \to \pi^+ K^- K^{*+} D^- D^{*0} p\bar{\Delta}^+$	7288	1	14657
7290	$e^+e^- \to \pi^0\rho^0\pi^+ K^0 K^- D^+\bar{D}^{*-}\bar{D}^0 D^{*0}$	7289	1	14658
7291	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 K^0\bar{K}^* K^- D^+\bar{D}^{*-}$	7290	1	14659
7292	$e^+e^- \to \pi^+\pi^-\eta\eta K^* D^- D^{*+}\bar{p}\Lambda_c^+$	7291	1	14660
7293	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 D^{*+} D_s^+ D_s^-$	7292	1	14661
7294	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^+ K^- D_s^{*+} D_1'^-$	7293	1	14662
7295	$e^+e^- \to D^+ D_s^{*-} J/\psi K_1^0$	7294	1	14663
7296	$e^+e^- \to D^+ D_s^+ D_1^- a_1^-$	7295	1	14664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7297	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta K^0K^{*-}D^+\bar{D}^{*-}$	7296	1	14665
7298	$e^+e^- \to K^0\bar{D}^{*-}\eta_c D_{s0}^{*+}$	7297	1	14666
7299	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	7298	1	14667
7300	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^-$	7299	1	14668
7301	$e^+e^- \to \pi^0\pi^+\pi^-\omega\eta' D^+\bar{D}^{*-}n\bar{n}$	7300	1	14669
7302	$e^+e^- \to \eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Delta^+D_{s1}'^+$	7301	1	14670
7303	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*D^{*+}\eta_c$	7302	1	14671
7304	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\omega\omega\bar{K}^*D^+$	7303	1	14672
7305	$e^+e^- \to \bar{K}^0D^{*+}\bar{\Sigma}^0\Sigma_c^{*0}a_1^-$	7304	1	14673
7306	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	7305	1	14674
7307	$e^+e^- \to \pi^0K^0D^+D^+\bar{D}^{*-}D_s^-$	1405	1	14675
7308	$e^+e^- \to \pi^0\pi^+\pi^-D^-n\bar{n}\bar{n}\Sigma_c^+$	7307	1	14676
7309	$e^+e^- \to \pi^0\pi^0D^-\bar{D}^{*-}D_s^{*+}D_s^{*+}$	7308	1	14677
7310	$e^+e^- \to e^-\bar{\nu}_eK_L\eta_cD_1'^+$	7309	1	14678
7311	$e^+e^- \to \pi^+\rho^-\eta\bar{D}^{*-}D_2^{*+}$	7310	1	14679
7312	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0K^*K^*K^{*-}D^+p\bar{\Lambda}$	340	1	14680
7313	$e^+e^- \to \pi^+\rho^-K^*D^-D^{*+}D^0$	1407	1	14681
7314	$e^+e^- \to \pi^0D^-D^{*+}\bar{n}pa_1^-$	7313	1	14682
7315	$e^+e^- \to \pi^+D^+D_s^-\Delta^0\bar{\Sigma}_c^-$	7314	1	14683
7316	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+$	7315	1	14684
7317	$e^+e^- \to \bar{K}^0\phi D^+D^-\Sigma^0\bar{\Omega}_c^0$	7316	1	14685
7318	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}D_2^{*+}$	7317	1	14686
7319	$e^+e^- \to \pi^0\pi^+\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	7318	1	14687
7320	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0D^-\Delta^0\bar{\Delta}^0\chi_{c1}$	7319	1	14688
7321	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\bar{K}^0\bar{D}^{*-}$	7320	1	14689
7322	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\eta\eta\omega K^0\bar{K}^0\bar{K}^*K^+D^+D^+$	7321	1	14690
7323	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta D^-D^{*0}p\bar{\Delta}^+$	7322	1	14691
7324	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+D^-D^{*0}$	7323	1	14692
7325	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^+D^-\bar{D}^0$	7324	1	14693
7326	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}D_2^{*+}$	7325	1	14694
7327	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{K}^*K^+\bar{D}^{*-}D_s^{*-}$	7326	1	14695
7328	$e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}$	7327	1	14696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7329	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta K^+K^{*-}D^+D^-$	7328	1	14697
7330	$e^+e^- \to \pi^0\rho^0\omega K^{*+}D^{*+}\bar{D}^{*-}D_s^-$	1408	1	14698
7331	$e^+e^- \to \pi^0\pi^0\rho^-\omega\omega K^+\eta' D^{*+}D_s^{*-}$	7330	1	14699
7332	$e^+e^- \to \pi^-K^0K^+D^{*+}D^{*+}\bar{D}^{*-}\bar{p}\Lambda$	7331	1	14700
7333	$e^+e^- \to \rho^-K^0\bar{K}^*D^{*+}D^0\bar{D}^0\bar{D}^{*0}$	7332	1	14701
7334	$e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0}$	7333	1	14702
7335	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^+D^-$	7334	1	14703
7336	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0K^0D^-D^{*+}D^{*+}$	7335	1	14704
7337	$e^+e^- \to e^+\nu_e\pi^0\rho^+\bar{D}^{*-}\bar{D}^{*-}$	7336	1	14705
7338	$e^+e^- \to \pi^+\omega K^-D^-\bar{D}^0D^{*0}\bar{\Lambda}\Sigma^+$	7337	1	14706
7339	$e^+e^- \to \tau^+\nu_\tau\pi^+K^0\bar{K}^0K^{*-}\bar{D}^{*-}D^{*0}$	341	1	14707
7340	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{p}\Sigma_c^0$	7339	1	14708
7341	$e^+e^- \to D^-D_s^{*+}J/\psi\bar{K}_1^0$	7340	1	14709
7342	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+K^*\bar{K}^*D^-D^{*+}$	7341	1	14710
7343	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-D^+D^-$	7342	1	14711
7344	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-}$	7343	1	14712
7345	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-$	7344	1	14713
7346	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-\omega\omega D^-D^-$	1410	1	14714
7347	$e^+e^- \to K^+\eta' D^-D^{*+}D^0\Delta^-\bar{\Delta}^0$	7346	1	14715
7348	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^0\bar{p}\Delta^+$	1411	1	14716
7349	$e^+e^- \to \pi^+D^{*+}D_2^{*-}D_s^{*-}$	7348	1	14717
7350	$e^+e^- \to \pi^+K^0\bar{K}^0K^-\eta' D^-D^{*+}\bar{D}^{*0}$	7349	1	14718
7351	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\eta\bar{D}^0D_1^+$	7350	1	14719
7352	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-D^+D_1^-$	7351	1	14720
7353	$e^+e^- \to \pi^-\rho^-\omega K^+\bar{D}^0\eta_c\bar{n}p$	1412	1	14721
7354	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^*K^{*-}D^+D^{*+}$	7353	1	14722
7355	$e^+e^- \to D^-D^{*+}\bar{n}pD_{s1}'^-$	7354	1	14723
7356	$e^+e^- \to \pi^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0$	7355	1	14724
7357	$e^+e^- \to \bar{K}^0D_s^{*+}\Lambda_c^+\bar{\Lambda}_c^-D_1'^-$	7356	1	14725
7358	$e^+e^- \to \pi^+\rho^+\rho^-D^-\bar{n}p\Delta^+\bar{\Sigma}_c^{--}$	7357	1	14726
7359	$e^+e^- \to \pi^-\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}$	7358	1	14727
7360	$e^+e^- \to \pi^+\bar{K}^*D^-\bar{D}^{*-}p\bar{\Lambda}$	7359	1	14728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7361	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega D^-\bar{D}^0 D_s^{*+}$	7360	1	14729
7362	$e^+e^- \to \pi^0\pi^-\rho^+\eta' D^+\bar{D}^0 D_{s0}^{*-}$	7361	1	14730
7363	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^- K^0 K^- D^+\bar{D}^{*-}$	7362	1	14731
7364	$e^+e^- \to \pi^+K^+K^{*-}\eta_c\Delta^0\bar{\Sigma}_c^-$	7363	1	14732
7365	$e^+e^- \to \tau^+\nu_\tau\pi^- K^+K^- D^+ D_1^-$	1413	1	14733
7366	$e^+e^- \to \mu^+\nu_\mu D_1^- \bar{X}_{sd}\gamma$	7365	1	14734
7367	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{K}^* D^-\bar{D}^{*-} D^0$	7366	1	14735
7368	$e^+e^- \to \bar{K}^0 D^- D_s^{*+}\eta_c$	7367	1	14736
7369	$e^+e^- \to \pi^- K^+K^+ D^- D^{*+}\bar{D}^{*-} D^{*0}$	1414	1	14737
7370	$e^+e^- \to \pi^+K^0 D^+\bar{D}^{*-} D^{*0} D_s^{*-}$	7369	1	14738
7371	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta' D^+\bar{D}^{*-}$	7370	1	14739
7372	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^* K^+ D^+ D^- D_{s1}'^-$	7371	1	14740
7373	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega D^+ D^- n\bar{n}$	7372	1	14741
7374	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^+K^{*-} D^{*+}\bar{D}^{*-}$	7373	1	14742
7375	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- D^{*+} D_s^{*-}$	1415	1	14743
7376	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{D}^{*-} D^0$	7375	1	14744
7377	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega D^- D^{*+} p\bar{p}$	7376	1	14745
7378	$e^+e^- \to e^-\bar{\nu}_e\rho^0\omega D^{*0} D_1^+$	7377	1	14746
7379	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^-\bar{\Delta}^+\Sigma_c^+$	7378	1	14747
7380	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{D}^{*-} D_2^{*+}$	1416	1	14748
7381	$e^+e^- \to e^-\bar{\nu}_e\rho^0 K^0 D^+ J/\psi$	7380	1	14749
7382	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^- D^- D^{*0}$	7381	1	14750
7383	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-} D_s^{*-} D_1'^+$	7382	1	14751
7384	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^- D^+\bar{D}^{*-}\bar{n}p$	89	1	14752
7385	$e^+e^- \to \pi^0\rho^+\omega\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0$	7384	1	14753
7386	$e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-}$	7385	1	14754
7387	$e^+e^- \to \pi^+\rho^+\rho^- D^+\bar{D}^{*-} D_s^-\gamma$	7386	1	14755
7388	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^- D^{*+}$	7387	1	14756
7389	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega D^+\bar{D}^{*-} D_s^{*-}$	7388	1	14757
7390	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+ D^-$	7389	1	14758
7391	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta D^+ D^+$	7390	1	14759
7392	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0 K^{*+} D^+\bar{D}^0 D_s^-$	7391	1	14760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7393	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega D_0^{*-}$	7392	1	14761
7394	$e^+e^- \to K^0K^-K^{*+}D^-D^{*+}D^0$	1418	1	14762
7395	$e^+e^- \to \rho^0\pi^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	7394	1	14763
7396	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^{*+}\eta_c(2S)$	7395	1	14764
7397	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	7396	1	14765
7398	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D_s^+$	1419	1	14766
7399	$e^+e^- \to \pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}a_1^+$	7398	1	14767
7400	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-K^0K^-D^+D^-$	7399	1	14768
7401	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^+\bar{D}^{*-}$	7400	1	14769
7402	$e^+e^- \to \pi^+\rho^-K^0\bar{K}^*\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0}$	1420	1	14770
7403	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^-D^{*+}$	1421	1	14771
7404	$e^+e^- \to \rho^+D^{*+}a_1^-D_1'^-$	7403	1	14772
7405	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^0D_1^+$	7404	1	14773
7406	$e^+e^- \to \pi^0\pi^+\rho^+\eta D^-\bar{\Delta}^+\Sigma_c^{*0}$	7405	1	14774
7407	$e^+e^- \to \pi^0\pi^0\rho^+\eta D^+D^-\Sigma^{*-}\bar{\Sigma}^{*0}$	1422	1	14775
7408	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	7407	1	14776
7409	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+D^-$	7408	1	14777
7410	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	7409	1	14778
7411	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\bar{K}^*K^+D^+D^-n\bar{n}$	7410	1	14779
7412	$e^+e^- \to \pi^0\rho^+K^-K^{*+}D^-D^{*+}D_s^{*-}$	7411	1	14780
7413	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}D^0\bar{D}^{*0}$	7412	1	14781
7414	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+\bar{D}^0$	7413	1	14782
7415	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^0K^{*-}\phi D^{*+}\bar{D}^{*-}$	7414	1	14783
7416	$e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^*D^+\bar{D}^{*-}D_s^{*+}$	7415	1	14784
7417	$e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^+D^+\gamma$	7416	1	14785
7418	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+D^-$	7417	1	14786
7419	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^-K^-D^-D^{*0}$	7418	1	14787
7420	$e^+e^- \to \pi^0\pi^+\omega D^-\bar{X}_{sd}\gamma$	7419	1	14788
7421	$e^+e^- \to \pi^+\rho^-\omega K^{*+}D^-\bar{\Delta}^0\Xi_c^{*0}$	7420	1	14789
7422	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega\omega D^+D^-$	7421	1	14790
7423	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega K^0K^-D^+D^-$	7422	1	14791
7424	$e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\Sigma^0\bar{\Sigma}^-$	7423	1	14792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7425	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0$	1423	1	14793
7426	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0D_2^{*-}D_s^+$	7425	1	14794
7427	$e^+e^- \to \pi^0\pi^0\pi^+K^+K^-D^-\bar{D}^0D^{*0}D^{*0}$	7426	1	14795
7428	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^{*+}D^0$	7427	1	14796
7429	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	7428	1	14797
7430	$e^+e^- \to \pi^+\bar{K}^0D^0D^{*0}\bar{D}^{*0}D_s^-$	7429	1	14798
7431	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^-\bar{D}^{*-}D^0$	7430	1	14799
7432	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}D_s^-$	7431	1	14800
7433	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-D^{*+}D_1'^-$	7432	1	14801
7434	$e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	1424	1	14802
7435	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\bar{K}^0D^+D^+\bar{D}^{*0}$	7434	1	14803
7436	$e^+e^- \to \pi^0\pi^0\pi^+K^0D^{*+}\bar{D}^{*-}a_1^-$	7435	1	14804
7437	$e^+e^- \to \pi^0\pi^-\omega K^0D^+\bar{D}^0D^{*0}$	25	1	14805
7438	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^-D^{*+}p\bar{p}$	7437	1	14806
7439	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta\eta\bar{K}^0D^+\bar{D}^{*-}\bar{n}p$	7438	1	14807
7440	$e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}D_{s1}'^-$	7439	1	14808
7441	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-D^-D^0D_s^{*-}$	7440	1	14809
7442	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^+D_1'^-$	7441	1	14810
7443	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^-\bar{D}^{*-}D^0\bar{\Delta}^-p$	1426	1	14811
7444	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*-}$	7443	1	14812
7445	$e^+e^- \to \pi^-\rho^+\eta\omega\omega K^*\bar{K}^*D^+D^-$	7444	1	14813
7446	$e^+e^- \to \pi^0\pi^+\bar{K}^*D^0D_s^{*-}n\bar{\Omega}_c^0$	7445	1	14814
7447	$e^+e^- \to \bar{K}^*\bar{K}^*\eta_cJ/\psi$	7446	1	14815
7448	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^-K^{*+}D^{*+}\bar{D}^{*-}$	7447	1	14816
7449	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^{*+}D_0^{*+}$	7448	1	14817
7450	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^*\bar{K}^*K^+D^0n\bar{p}$	1427	1	14818
7451	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^-D^{*+}D^{*+}$	7450	1	14819
7452	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*0}D_1^+$	7451	1	14820
7453	$e^+e^- \to \pi^+\pi^-\omega K^0K^-D^{*+}\Delta^+\bar{\Sigma}_c^-$	7452	1	14821
7454	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^*K^-D^0\bar{D}^{*0}$	7453	1	14822
7455	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^-D_2^{*+}\bar{D}^0$	7454	1	14823
7456	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^*K^{*-}D^-D^{*+}$	7455	1	14824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7457	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}a_1^-\gamma$	7456	1	14825
7458	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+D_1'^+$	7457	1	14826
7459	$e^+e^- \to \rho^0 D^- D^{*0} n\bar{\Delta}^0\bar{\Delta}^+\Delta^{++}$	7458	1	14827
7460	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega K^0K^-D^+\bar{D}^{*-}$	7459	1	14828
7461	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^{*+}D_1'^-$	7460	1	14829
7462	$e^+e^- \to \pi^+\pi^-K^0D^+D^{*0}D_s^-$	7461	1	14830
7463	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0K^0\bar{K}^0K^-D^+\bar{D}^{*-}$	7462	1	14831
7464	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta\omega D^-D^-$	7463	1	14832
7465	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	7464	1	14833
7466	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	7465	1	14834
7467	$e^+e^- \to e^+\nu_e\rho^0\pi^-\omega D^{*+}D_1^-$	7466	1	14835
7468	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}$	1428	1	14836
7469	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	7468	1	14837
7470	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-D^-D^{*+}D_{s0}^{*+}$	7469	1	14838
7471	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\eta\omega\bar{K}^*K^+D^+D^-$	7470	1	14839
7472	$e^+e^- \to \pi^0\rho^+\eta K^0\bar{K}^0\bar{K}^0K^*K^*K^-D^{*+}\bar{D}^{*-}$	1429	1	14840
7473	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^-D^0$	7472	1	14841
7474	$e^+e^- \to \rho^0\pi^-D^+D^{*+}D_s^{*-}\Sigma^+\bar{\Sigma}^-$	7473	1	14842
7475	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$	7474	1	14843
7476	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^{*+}K^{*-}D^+D^-$	7475	1	14844
7477	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^-\eta\bar{K}^*D^-D_s^+D_s^{*+}$	7476	1	14845
7478	$e^+e^- \to e^-\bar{\nu}_eK^*D^+\bar{D}^{*-}D_1^+$	7477	1	14846
7479	$e^+e^- \to \pi^0\pi^-K^*K^-D^+p\bar{\Xi}_c^0$	7478	1	14847
7480	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0\bar{K}^0K^+D^-D_s^+$	1430	1	14848
7481	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_2^{*+}D_s^-$	7480	1	14849
7482	$e^+e^- \to \pi^0\omega K^+D^-D_s^-\bar{\Delta}^0\Delta^+$	7481	1	14850
7483	$e^+e^- \to \pi^0\pi^+\eta K^0D^+D^-\bar{D}^{*-}$	7482	1	14851
7484	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-K^+K^+D^-D^0\bar{D}^{*0}$	7483	1	14852
7485	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{n}p\Sigma^0\bar{\Xi}_c'^-$	7484	1	14853
7486	$e^+e^- \to \pi^0\pi^-\eta\omega D^{*+}\bar{D}^0$	7485	1	14854
7487	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-n\bar{n}$	1431	1	14855
7488	$e^+e^- \to D^-D^0\Delta^+\bar{\Delta}^+D_{s0}^{*+}$	7487	1	14856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7489	$e^+e^- \to \rho^-\omega K^0\bar{K}^0\bar{K}^*D^+n\bar{\Omega}_c^0$	7488	1	14857
7490	$e^+e^- \to \mu^+\nu_\mu\eta\eta D^-D^0$	7489	1	14858
7491	$e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{K}^0K^+D^{*+}D_1'^-$	7490	1	14859
7492	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega K^*D^{*+}$	7491	1	14860
7493	$e^+e^- \to \pi^-K^0\bar{K}^0K^*\bar{K}^*\bar{K}^*K^{*+}D^0\bar{D}^{*0}$	7492	1	14861
7494	$e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\gamma$	7493	1	14862
7495	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}\bar{D}^0D^{*0}$	7494	1	14863
7496	$e^+e^- \to K^0\phi D^+D^+D^-D_s^{*-}$	7495	1	14864
7497	$e^+e^- \to \pi^+\rho^-\omega\bar{K}^0K^{*+}D^0\bar{D}^0D_s^-$	7496	1	14865
7498	$e^+e^- \to \pi^0\rho^-\eta K^{*-}D^+\Delta^+\bar{\Omega}_c^0$	7497	1	14866
7499	$e^+e^- \to \rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	344	1	14867
7500	$e^+e^- \to \rho^0\pi^-\omega\omega K^+D^+D^-D^0$	7499	1	14868
7501	$e^+e^- \to \omega K^0K^{*-}D^+n\bar{\Sigma}_c^0$	7500	1	14869
7502	$e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0K^-K^{*+}D^+D^-\bar{D}^{*0}$	7501	1	14870
7503	$e^+e^- \to \pi^0D^{*+}\bar{p}\Sigma_c^+a_1^-$	7502	1	14871
7504	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	7503	1	14872
7505	$e^+e^- \to \pi^+K^0D^-D^{*+}D^0D_s^{*-}$	7504	1	14873
7506	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}n\bar{p}$	1433	1	14874
7507	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^-D^{*+}$	7506	1	14875
7508	$e^+e^- \to e^+\nu_e\pi^-K^+K^-D^+\bar{D}^{*-}$	7507	1	14876
7509	$e^+e^- \to \pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	7508	1	14877
7510	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\eta D^-D^{*+}$	7509	1	14878
7511	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta' D^+D^+$	7510	1	14879
7512	$e^+e^- \to e^+\nu_e\pi^0\pi^-K^0K^-D^{*+}\bar{D}^{*-}\bar{n}p$	7511	1	14880
7513	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^0$	7512	1	14881
7514	$e^+e^- \to \pi^0\pi^-\eta K^+D^+D^-D^{*+}\Delta^+\bar{\Delta}^{++}$	7513	1	14882
7515	$e^+e^- \to e^-\bar{\nu}_e\rho^0\eta D^{*+}\bar{D}^{*-}D_s^{*+}$	7514	1	14883
7516	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-D^{*+}D_1'^-$	7515	1	14884
7517	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\bar{K}^0K^{*+}D^+D^-\Delta^0\bar{\Delta}^{++}$	7516	1	14885
7518	$e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{K}^0\bar{D}^{*-}\Delta^-\bar{n}$	7517	1	14886
7519	$e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0\gamma$	7518	1	14887
7520	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}\Delta^-\bar{\Delta}^0$	7519	1	14888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7521	$e^+e^- \to \rho^- K^0 \bar{K}^* D_2^{*+} \bar{D}^{*0}$	7520	1	14889
7522	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^- D^+ \bar{D}^0 \bar{\Delta}^- \Delta^-$	7521	1	14890
7523	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\bar{K}^0 D^{*+} D^{*+} \bar{D}^{*-}$	7522	1	14891
7524	$e^+e^- \to \pi^+\rho^- K^* \bar{K}^* D^{*+} p\bar{\Delta}^{++}$	7523	1	14892
7525	$e^+e^- \to K^* D^{*+} \bar{D}^{*-} \bar{D}^0 \Lambda\bar{\Lambda}$	1434	1	14893
7526	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+ K^- D^- D^-$	7525	1	14894
7527	$e^+e^- \to \bar{K}^0 \bar{K}^* K^+ K^{*+} D^- \bar{D}^{*-}$	7526	1	14895
7528	$e^+e^- \to \pi^-\rho^+ K^* K^- D^+ \bar{D}^0$	7527	1	14896
7529	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ \bar{D}^{*-} D_s^{*+}$	7528	1	14897
7530	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^+ \bar{D}^{*-} D^0$	7529	1	14898
7531	$e^+e^- \to \pi^0\rho^+\omega D^- D^{*0} n\bar{n}$	7530	1	14899
7532	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^- D^+ D^- D_s^{*+}$	1435	1	14900
7533	$e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\omega\bar{D}^{*-} D^0$	7532	1	14901
7534	$e^+e^- \to e^-\bar{\nu}_e D^+ D^- \bar{\Delta}^0 \Delta^+$	7533	1	14902
7535	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+ \bar{D}^{*-}$	7534	1	14903
7536	$e^+e^- \to K^0 K^0 \bar{K}^0 K^{*-} K^{*-} D^+ D^+ \bar{D}^0$	1436	1	14904
7537	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} n\bar{\Sigma}_c^0$	7536	1	14905
7538	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0 \bar{K}^0 D^{*+} \bar{D}^{*-}$	7537	1	14906
7539	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 \bar{K}^* K^+ D^- D_1^+$	7538	1	14907
7540	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*0}$	7539	1	14908
7541	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^- D_2^{*+} D_s^{*-}$	1437	1	14909
7542	$e^+e^- \to \mu^+\nu_\mu K^0 D^{*+} \bar{D}^{*-} D_1^-$	7541	1	14910
7543	$e^+e^- \to K^0 \bar{K}^0 K^* K^* \bar{K}^* K^- \eta' D^+$	7542	1	14911
7544	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- \bar{K}^0 \bar{K}^* K^{*+} \bar{D}^{*-} D^0 \bar{D}^{*0}$	7543	1	14912
7545	$e^+e^- \to \pi^0\rho^0\omega\bar{K}^* K^+ D^- D^{*+} n\bar{p}$	7544	1	14913
7546	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^{*0} \Sigma^- \bar{\Lambda}$	7545	1	14914
7547	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^- D^0 \bar{D}^{*0}$	7546	1	14915
7548	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^- D^{*+}$	1438	1	14916
7549	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\eta D^+ D^-$	7548	1	14917
7550	$e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-} \Delta^0 \bar{\Sigma}_c^{*-}$	7549	1	14918
7551	$e^+e^- \to \pi^0 K_L\pi^+\pi^+\rho^- D^- \chi_{c1}$	1439	1	14919
7552	$e^+e^- \to K^+ D^- \bar{D}^{*-} D^0 \bar{\Delta}^0 p$	1440	1	14920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7553	$e^+e^- \to \pi^- D^{*+} D^{*+} \bar{D}^{*-}$	7552	1	14921
7554	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^* D^+$	7553	1	14922
7555	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0 D^+ J/\psi$	7554	1	14923
7556	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- K^+ D^+ D_s^+ D_s^-$	7555	1	14924
7557	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D_0^{*+} D_1^-$	7556	1	14925
7558	$e^+e^- \to \pi^- D^+ D^+ D_s^{*-} p\bar{\Delta}^+$	7557	1	14926
7559	$e^+e^- \to e^+\nu_e\pi^+\pi^- D^+ D_s^- D_1'^-$	7558	1	14927
7560	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-} D_0^{*+}$	7559	1	14928
7561	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0 K^* K^- K^{*+} D^- D^{*+} n\bar{n}$	7560	1	14929
7562	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^+ D^+ D^0\bar{D}^0$	7561	1	14930
7563	$e^+e^- \to \mu^+\nu_\mu\eta\omega K^*\bar{D}^{*-}$	7562	1	14931
7564	$e^+e^- \to e^+\nu_e\pi^-\pi^-\bar{K}^* K^+ D^+ D^-$	7563	1	14932
7565	$e^+e^- \to \bar{K}^*\bar{D}^{*-} D^0\bar{D}^{*0} D_{s1}'^+$	7564	1	14933
7566	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0 D^+ D^-$	7565	1	14934
7567	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\rho^-\omega K^0 D^{*+} p\bar{p}$	7566	1	14935
7568	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^{*0}$	7567	1	14936
7569	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0 K^- D^+\bar{D}^{*-} J/\psi$	7568	1	14937
7570	$e^+e^- \to \pi^+ K^- K^{*+} K^{*-} D^{*+}\bar{D}^{*-}$	7569	1	14938
7571	$e^+e^- \to \rho^-\omega K^+ J/\psi\bar{p}\Sigma_c^+$	7570	1	14939
7572	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta K^* K^-\bar{D}^{*0} D_0^{*+}$	7571	1	14940
7573	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^- D^{*+}$	345	1	14941
7574	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^- D^{*+} D_1^-$	7573	1	14942
7575	$e^+e^- \to \tau^+\nu_\tau\pi^0 D^-\bar{\Delta}^+\Sigma_c^+$	7574	1	14943
7576	$e^+e^- \to \pi^0\rho^+\omega K^{*-} D^- D^{*+}\bar{D}^{*0}$	7575	1	14944
7577	$e^+e^- \to \pi^0\pi^0\pi^+ K^0\bar{K}^0 D^-\Delta^0\bar{\Sigma}_c^{*0}$	1442	1	14945
7578	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^- K^0 K^+ K^{*-} D^- D^{*+}\bar{n}p$	7577	1	14946
7579	$e^+e^- \to \pi^0\bar{K}^0 K^+ D^+\bar{D}^{*-} a_1^-$	7578	1	14947
7580	$e^+e^- \to K^0\bar{K}^* K^{*+} K^{*-}\eta' D^+ D^-$	7579	1	14948
7581	$e^+e^- \to \pi^0\pi^-\rho^+ D^+ D^-\Delta^+\bar{\Delta}^+$	7580	1	14949
7582	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0 D^- D^{*+}$	7581	1	14950
7583	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^0$	7582	1	14951
7584	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^- K^+ D^{*0}\bar{D}^{*0}$	7583	1	14952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7585	$e^+e^- \to \tau^+\nu_\tau\eta K^* D^+ D^- D_1'^-$	7584	1	14953
7586	$e^+e^- \to \mu^+\nu_\mu \bar{K}^0 \bar{D}^{*-} D_s^- D_s^{*+}$	7585	1	14954
7587	$e^+e^- \to \pi^0\pi^0\eta K^0 \bar{K}^* D^{*+} \bar{D}^{*0} \Delta^0 \bar{\Delta}^+$	1443	1	14955
7588	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^+ D^-$	7587	1	14956
7589	$e^+e^- \to \pi^0 K^- D^{*+} D^0 \bar{D}^{*0}$	7588	1	14957
7590	$e^+e^- \to \pi^0\rho^+\eta K^0 \bar{K}^0 D^- D^0 p\bar{p}$	1444	1	14958
7591	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^0 \bar{K}^* D^- D^{*+}$	7590	1	14959
7592	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+ \bar{K}^* K^{*+} D^{*+} \bar{D}^{*-}$	7591	1	14960
7593	$e^+e^- \to \phi D^+ \bar{D}^{*-} D_s^- D_{s1}'^+$	1445	1	14961
7594	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\eta D^{*+} D^{*+} n\bar{p}$	7593	1	14962
7595	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+ D^{*0} \bar{D}^{*0}$	1446	1	14963
7596	$e^+e^- \to \pi^-\rho^- K^0 \bar{K}^* K^+ D^+ D^{*+} \bar{D}^{*-}$	7595	1	14964
7597	$e^+e^- \to \omega D^{*+} \bar{D}^{*0} D_s^{*-}$	1447	1	14965
7598	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\rho^+\omega D^{*+} D_0^{*+}$	7597	1	14966
7599	$e^+e^- \to \pi^+\omega K^0 \bar{K}^* K^{*-} D^- D_s^+$	7598	1	14967
7600	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^{*+} \bar{D}^0 D_s^+$	7599	1	14968
7601	$e^+e^- \to e^+\nu_e\pi^+\eta \bar{K}^0 D^- \Delta^0 \bar{\Delta}^+$	7600	1	14969
7602	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta' D^{*+} \bar{D}^{*0} \Delta^+ \bar{\Delta}^{++}$	7601	1	14970
7603	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^- K^0 D^{*0} \bar{D}^{*0}$	7602	1	14971
7604	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^- D^+ D_0^{*-}$	7603	1	14972
7605	$e^+e^- \to \pi^0\eta \bar{D}^{*-} \bar{D}^0 D^{*0} \bar{n}p$	7604	1	14973
7606	$e^+e^- \to K^0 K^- K^{*+} D^{*+} \bar{D}^{*-}$	7605	1	14974
7607	$e^+e^- \to \pi^+\pi^+\pi^- K^- D^- D^{*+} \bar{D}^{*0}$	7606	1	14975
7608	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^- \bar{n}p$	7607	1	14976
7609	$e^+e^- \to \pi^-\rho^-\eta D^+ \bar{\Delta}^+ \Sigma_c^{*++}$	7608	1	14977
7610	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta \bar{D}^{*-} a_1^+$	7609	1	14978
7611	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega D^+ \bar{D}^{*-} \Delta^- \bar{p}$	7610	1	14979
7612	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^{*+} D^+ D^- D^0 n\bar{n}$	7611	1	14980
7613	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega\omega \bar{K}^0 K^* D^- D^0$	7612	1	14981
7614	$e^+e^- \to \pi^0\rho^0 D^+ D_s^- nn\bar{p}\bar{\Sigma}^+$	7613	1	14982
7615	$e^+e^- \to \pi^0\pi^+\pi^- K^- K^{*+} J/\psi\eta_c(2S)$	91	1	14983
7616	$e^+e^- \to \pi^- \bar{K}^0 D^- D^{*+} \bar{D}^0 D_s^{*+}$	7615	1	14984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7617	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega K^0 D^+ \bar{D}^{*-}$	7616	1	14985
7618	$e^+e^- \to \eta D^{*0} D_s^{*+} p\bar{p} D_1^-$	7617	1	14986
7619	$e^+e^- \to \pi^0\pi^0\pi^0\rho^- K^+ \bar{D}^0 \eta_c$	7618	1	14987
7620	$e^+e^- \to K^{*+}\bar{D}^{*-} D^{*0} D_s^{*+} D_1^-$	1449	1	14988
7621	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0 K^- D^{*+}\bar{D}^{*0}$	1450	1	14989
7622	$e^+e^- \to \pi^-\rho^-\phi\bar{\Delta}^0\Lambda_c^+ K_1^{'+}$	7621	1	14990
7623	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+ K^* K^- D^{*+} D^{*0}\bar{D}^{*0}$	7622	1	14991
7624	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\rho^-\eta\omega D^+ D^{*+}$	7623	1	14992
7625	$e^+e^- \to \pi^+\omega\bar{K}^0 K^*\bar{D}^{*-} D^{*0}\Delta^0\bar{\Delta}^0$	7624	1	14993
7626	$e^+e^- \to \pi^-\omega D^{*+} D_s^{*-}\bar{n}\Lambda_c^+\gamma$	7625	1	14994
7627	$e^+e^- \to \pi^+\rho^- D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	7626	1	14995
7628	$e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^{*+} n\bar{\Delta}^+$	7627	1	14996
7629	$e^+e^- \to \pi^0\pi^-\omega\bar{K}^0 K^+ D^- D^{*+}\bar{p}\Delta^+$	1451	1	14997
7630	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\bar{K}^0 D^+ D^{*+}$	7629	1	14998
7631	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+ D^0\bar{D}^0 D_s^{*+}$	7630	1	14999
7632	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega\bar{K}^* D^{*+}\bar{D}^{*-}$	7631	1	15000
7633	$e^+e^- \to \rho^- D^{*+} D_s^{*+} D_1^-$	7632	1	15001
7634	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0 D^+ D^- D_0^{*-}$	7633	1	15002
7635	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-} D_2^{*+} D_s^-$	7634	1	15003
7636	$e^+e^- \to \mu^+\nu_\mu\pi^+ K^-\bar{D}^{*-}\eta_c$	7635	1	15004
7637	$e^+e^- \to \rho^0\pi^-\omega K^0\bar{K}^0\bar{K}^0 K^* K^+ K^- D^+\bar{D}^0$	7636	1	15005
7638	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^0 D^+ D^-\bar{p}\Delta^{++}$	7637	1	15006
7639	$e^+e^- \to \pi^0\rho^0\omega K^- D^{*+} D^{*0}\bar{D}^{*0}$	7638	1	15007
7640	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^- D_2^{*+} D_s^-$	7639	1	15008
7641	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0 D^-\chi_{c2}$	7640	1	15009
7642	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^- D^{*+} D_s^{*+}$	7641	1	15010
7643	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta\eta D^+ D^-$	7642	1	15011
7644	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega K^+ D^{*+}\bar{D}^{*-} D^0$	1452	1	15012
7645	$e^+e^- \to \pi^+ K^0 D^- D_2^{*+} D_s^-$	7644	1	15013
7646	$e^+e^- \to \pi^0\pi^+\omega K^0\bar{D}^{*-} D_s^{*+}\bar{n}\Sigma^{*-}$	7645	1	15014
7647	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-} D^{*0}$	7646	1	15015
7648	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ D^+ D^- n\bar{n}$	7647	1	15016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7649	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	347	1	15017
7650	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D^0D_s^{*-}$	7649	1	15018
7651	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}n\bar{n}\bar{\Delta}^+\Sigma^{*0}$	7650	1	15019
7652	$e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0D^+\psi'$	92	1	15020
7653	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^0K^*K^-D^+\bar{D}^0$	7652	1	15021
7654	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	7653	1	15022
7655	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\bar{D}^{*-}D_1^+$	1455	1	15023
7656	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0K^*K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	7655	1	15024
7657	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta\eta\omega\omega K^+K^-D^+D^{*+}$	7656	1	15025
7658	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+K^0D^{*+}D_s^-$	1456	1	15026
7659	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0D^{*0}\chi_{c0}$	7658	1	15027
7660	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\omega D^+D_2^{*+}$	7659	1	15028
7661	$e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*-}D^{*0}a_1^+$	7660	1	15029
7662	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-K^+K^-D^-\bar{D}^{*-}\bar{n}p$	7661	1	15030
7663	$e^+e^- \to \omega D^{*+}D^{*0}D_s^{*-}$	1457	1	15031
7664	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D_0^{*+}$	7663	1	15032
7665	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^0n\bar{n}$	7664	1	15033
7666	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^0K^+K^-D^+\eta_c$	7665	1	15034
7667	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-D^-D^{*+}n\bar{p}$	7666	1	15035
7668	$e^+e^- \to e^+\nu_eK^*K^-D^{*+}\bar{D}^{*-}$	7667	1	15036
7669	$e^+e^- \to e^+\nu_e\pi^0K^0K^0\bar{K}^0\bar{D}^{*-}$	7668	1	15037
7670	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*0}$	7669	1	15038
7671	$e^+e^- \to \mu^+\nu_\mu\eta D^+\Sigma^-\bar{\Sigma}^0D_0^{*-}$	7670	1	15039
7672	$e^+e^- \to K^*K^{*-}D^+\bar{D}^{*-}D_s^{*+}$	7671	1	15040
7673	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\rho^+\rho^-D^+D^{*+}$	7672	1	15041
7674	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^0K^*K^{*-}D^+\bar{D}^{*-}$	7673	1	15042
7675	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0\bar{K}^*K^+K^+\bar{D}^{*-}D^{*0}$	1458	1	15043
7676	$e^+e^- \to \pi^-D^+D^-\bar{p}\Delta^{++}$	7675	1	15044
7677	$e^+e^- \to \pi^0\pi^0\rho^-\eta\omega\bar{K}^0K^{*+}D^-D^{*+}$	1459	1	15045
7678	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-D^-D^-$	7677	1	15046
7679	$e^+e^- \to \eta\bar{K}^0D^+D^-D_2^{*-}D_s^+$	7678	1	15047
7680	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*K^+K^-K^{*+}K^{*-}D^+D^+\bar{D}^{*-}$	7679	1	15048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7681	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega D^{*+}\bar{D}^{*-}p\bar{p}$	7680	1	15049
7682	$e^+e^- \to \pi^-\rho^+D^-D_s^{*+}\bar{p}\Lambda_c^+$	7681	1	15050
7683	$e^+e^- \to \mu^+\nu_\mu\eta K^*K^-D^-D^{*+}$	7682	1	15051
7684	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^*\eta'\bar{D}^{*-}\psi'$	7683	1	15052
7685	$e^+e^- \to \tau^+\nu_\tau D^{*+}D_1^-a_1^-$	7684	1	15053
7686	$e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^0\rho^+D^-$	7685	1	15054
7687	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^+K^-D^+\bar{D}^{*-}a_1^-$	7686	1	15055
7688	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^-K^{*+}D^+D^{*+}$	7687	1	15056
7689	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^+\rho^-\eta'\bar{D}^{*-}D^{*0}$	7688	1	15057
7690	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^-D^{*+}$	7689	1	15058
7691	$e^+e^- \to \pi^+K^-D^+D^-D_s^+D_1^-$	7690	1	15059
7692	$e^+e^- \to \tau^+\nu_\tau\pi^+K^-D^-\chi_{c0}$	7691	1	15060
7693	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\bar{n}p$	7692	1	15061
7694	$e^+e^- \to \pi^+\pi^+D^-D^-D^{*0}$	1460	1	15062
7695	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}D_{s1}'^+$	7694	1	15063
7696	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^-D^{*+}D^{*0}\bar{D}^{*0}$	7695	1	15064
7697	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}\eta_c(2S)$	7696	1	15065
7698	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^-K^{*+}D^-D^{*+}$	7697	1	15066
7699	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\bar{K}^0K^*D^+p\bar{p}$	7698	1	15067
7700	$e^+e^- \to \rho^0\pi^-\eta\bar{K}^0K^+D^-D^{*+}\eta_c$	7699	1	15068
7701	$e^+e^- \to e^+\nu_e\rho^0D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	349	1	15069
7702	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	7701	1	15070
7703	$e^+e^- \to \pi^+\omega K^0\bar{K}^0K^+K^-D^-\bar{\Delta}^{++}\Sigma_c^{*++}$	7702	1	15071
7704	$e^+e^- \to \pi^+\pi^-K^*D^+D^-D^{*+}D_s^-$	7703	1	15072
7705	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^+\Delta^0\bar{\Sigma}_c^-$	7704	1	15073
7706	$e^+e^- \to \rho^0\pi^-\rho^+K^-K^{*+}D^+D_1'^-$	7705	1	15074
7707	$e^+e^- \to \pi^+\rho^+\bar{D}^{*-}D_1^-$	7706	1	15075
7708	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+D^-D^{*+}$	7707	1	15076
7709	$e^+e^- \to K^+\Lambda\bar{\Xi}_c'^-\bar{K}_1^0\psi'$	7708	1	15077
7710	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D^0\Lambda\bar{\Sigma}^{*0}$	7709	1	15078
7711	$e^+e^- \to \tau^+\nu_\tau\eta\eta'D^{*0}D_1'^-$	350	1	15079
7712	$e^+e^- \to \pi^+\eta K^0\bar{K}^0K^*D^-J/\psi$	7711	1	15080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7713	$e^+e^- \to \pi^- D^{*+} D_s^{*-} \Delta^+ \bar{\Sigma}_c^{*0}$	7712	1	15081
7714	$e^+e^- \to \mu^+ \nu_\mu \bar{K}^* \bar{D}^{*-} \bar{D}^{*-} p \bar{\Lambda}$	7713	1	15082
7715	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 D^+ D^{*+} D_s^{*-}$	7714	1	15083
7716	$e^+e^- \to \pi^+ \pi^- K^* D^+ D^{*+} \bar{D}^{*-} D_s^{*-}$	7715	1	15084
7717	$e^+e^- \to \tau^+ \nu_\tau \pi^+ \rho^- \omega K^{*+} D_s^- D_1'^-$	7716	1	15085
7718	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \eta K^- \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	7717	1	15086
7719	$e^+e^- \to \pi^- \omega \omega D^- D^{*+} D_s^{*+}$	7718	1	15087
7720	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \pi^- \eta \bar{D}^0 D^{*0} D_s^{*+}$	7719	1	15088
7721	$e^+e^- \to \omega \bar{K}^* K^+ D^- D_2^{*+} D_s^{*-}$	7720	1	15089
7722	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \pi^0 K^0 \bar{K}^0 K^- \phi D^+ D^{*+}$	7721	1	15090
7723	$e^+e^- \to \mu^+ \nu_\mu \rho^- \bar{p} \Sigma_c^{*++} D_1^-$	1463	1	15091
7724	$e^+e^- \to \pi^0 \rho^- \eta D^- D^{*+} \bar{n} p$	7723	1	15092
7725	$e^+e^- \to e^- \bar{\nu}_e \mu^+ \nu_\mu D^- D_1^+$	7724	1	15093
7726	$e^+e^- \to \pi^0 \pi^0 \pi^- \pi^- \bar{K}^0 K^+ D^{*+} D_2^{*-} D_s^+$	7725	1	15094
7727	$e^+e^- \to \pi^+ \pi^+ \eta K^- K^- K^{*+} \bar{D}^{*-} D_s^+ D_s^{*-}$	7726	1	15095
7728	$e^+e^- \to \rho^0 \pi^+ \pi^- \omega D^- \Delta^0 \bar{p} \bar{\Sigma}^+ \Lambda_c^+$	7727	1	15096
7729	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^- \omega D^{*+} \bar{D}^{*-}$	7728	1	15097
7730	$e^+e^- \to \rho^0 \pi^+ \pi^- \rho^- \bar{K}^* K^{*+} D^{*+} \bar{D}^{*-}$	7729	1	15098
7731	$e^+e^- \to \pi^+ D^- D^{*+} \Lambda \bar{\Sigma}^0 D_{s1}'^-$	7730	1	15099
7732	$e^+e^- \to \pi^- \rho^+ K^0 \bar{K}^0 \bar{K}^* D^+ D^- \bar{D}^0$	7731	1	15100
7733	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 D^{*+} \bar{D}^{*-} D_s^{*+}$	7732	1	15101
7734	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \rho^+ \omega K^* D^{*+} \bar{D}^{*0}$	7733	1	15102
7735	$e^+e^- \to e^+ \nu_e \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \omega \omega D_2^{*-} D^0$	7734	1	15103
7736	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \omega \bar{K}^* K^{*+} D^- D^0$	1464	1	15104
7737	$e^+e^- \to \omega D^{*+} D^{*+} D_s^{*-} \Sigma^0 \bar{\Sigma}^-$	7736	1	15105
7738	$e^+e^- \to e^+ \nu_e \pi^0 D^- \bar{\Delta}^+ \Lambda_c^+$	7737	1	15106
7739	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^- \rho^- K^- D^{*+} D^{*0}$	7738	1	15107
7740	$e^+e^- \to e^+ \nu_e \rho^0 \pi^- \bar{K}^0 D^+ D_0^{*-}$	7739	1	15108
7741	$e^+e^- \to K^0 D^- D^{*+} D^{*+} D_s^-$	7740	1	15109
7742	$e^+e^- \to \mu^+ \nu_\mu \rho^- \eta D^+ D_0^{*-}$	7741	1	15110
7743	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- \eta K^0 \bar{K}^* D^+ D^{*0}$	1465	1	15111
7744	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^+ \rho^- \eta D^- \bar{D}^{*-}$	7743	1	15112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7745	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0D^+D^-$	7744	1	15113
7746	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	1466	1	15114
7747	$e^+e^- \to \mu^+\nu_\mu\rho^+K^0D^-\bar{D}^{*-}D^{*0}$	7746	1	15115
7748	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\omega\bar{K}^0\bar{K}^0\bar{D}^0D_s^+$	7747	1	15116
7749	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*+}$	1467	1	15117
7750	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\omega D^+\bar{D}^{*-}$	7749	1	15118
7751	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^+n\bar{n}\Sigma^{*-}\bar{\Xi}_c^-$	7750	1	15119
7752	$e^+e^- \to e^+\nu_e\rho^+\bar{K}^0D^-\bar{D}^{*-}D^0$	7751	1	15120
7753	$e^+e^- \to \rho^-\eta D^+D^+n\bar{p}$	7752	1	15121
7754	$e^+e^- \to \pi^0\pi^+\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	7753	1	15122
7755	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	1468	1	15123
7756	$e^+e^- \to \pi^0\pi^-K^0D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+$	7755	1	15124
7757	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^-K^+\bar{D}^{*0}$	351	1	15125
7758	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}D_s^{*-}$	7757	1	15126
7759	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}\psi'$	7758	1	15127
7760	$e^+e^- \to \pi^+\omega\omega\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^+\gamma$	7759	1	15128
7761	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^-\bar{D}^{*-}\bar{D}^0D_s^+$	7760	1	15129
7762	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D^+D_1'^-$	7761	1	15130
7763	$e^+e^- \to \pi^0\pi^+\rho^+K^0K^{*-}D^-D_2^{*-}D_s^+$	7762	1	15131
7764	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*0}n\bar{p}$	7763	1	15132
7765	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	7764	1	15133
7766	$e^+e^- \to K^0K^-D^-D^{*+}\bar{\Delta}^0\Sigma_c^+$	7765	1	15134
7767	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^0D^+D^{*+}\bar{D}^0$	7766	1	15135
7768	$e^+e^- \to e^+\nu_e\bar{K}^*D^+D^-D_1^-$	7767	1	15136
7769	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^0$	7768	1	15137
7770	$e^+e^- \to \bar{K}^*D^{*+}\eta_ca_1^-$	7769	1	15138
7771	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}$	7770	1	15139
7772	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+D^-D^{*+}$	7771	1	15140
7773	$e^+e^- \to e^+\nu_e\omega D^+D^-\Delta^0\bar{p}$	7772	1	15141
7774	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	1470	1	15142
7775	$e^+e^- \to \pi^0\rho^+\rho^-\eta\bar{K}^0K^*K^+K^-D^+D^-$	1471	1	15143
7776	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+K^-K^{*+}D^-\bar{D}^{*-}$	7775	1	15144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7777	$e^+e^- \to \pi^-\rho^+\rho^+D^-D^{*+}D_{s1}'^-\gamma$	7776	1	15145
7778	$e^+e^- \to \rho^+\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	7777	1	15146
7779	$e^+e^- \to \bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}D^{*0}$	1472	1	15147
7780	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+K^+D^+D^-D^{*0}$	7779	1	15148
7781	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^+D^-D_s^{*+}D_s^{*-}$	7780	1	15149
7782	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	7781	1	15150
7783	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0K^*\bar{D}^{*-}D_2^{*+}$	7782	1	15151
7784	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta K^{*-}\bar{D}^{*-}\bar{D}^0D^{*0}$	1473	1	15152
7785	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	7784	1	15153
7786	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^{*+}\bar{\Delta}^-\Sigma_c^{*+}$	7785	1	15154
7787	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\bar{D}^0D_1'^-$	7786	1	15155
7788	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	7787	1	15156
7789	$e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+K^0\bar{K}^0D^+D^-$	7788	1	15157
7790	$e^+e^- \to \rho^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}p\bar{\Delta}^{++}$	7789	1	15158
7791	$e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0\bar{K}^0\bar{K}^0D^-D_s^+n\bar{p}$	7790	1	15159
7792	$e^+e^- \to \tau^-\bar{\nu}_\tau K^-D^+D^{*+}\bar{D}^{*0}$	7791	1	15160
7793	$e^+e^- \to K^+\bar{D}^{*-}D^{*0}D_s^-D_1^+$	7792	1	15161
7794	$e^+e^- \to \pi^0\rho^0\pi^+K^+K^-\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	7793	1	15162
7795	$e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^-\bar{D}^0D_s^{*+}$	7794	1	15163
7796	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\rho^+\omega K^+K^-D^+\bar{D}^{*-}$	7795	1	15164
7797	$e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^+\Sigma^0\bar{\Xi}^0D_1^+$	7796	1	15165
7798	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega\bar{D}^{*-}D^0a_1^+$	7797	1	15166
7799	$e^+e^- \to K^0D^+\bar{D}^{*-}D_2^{*+}D_s^-$	7798	1	15167
7800	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^+D^-D_s^{*+}$	7799	1	15168
7801	$e^+e^- \to \pi^-\omega\bar{K}^0\bar{K}^0D_2^{*-}D_s^+D_s^{*+}$	7800	1	15169
7802	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}D^{*0}$	7801	1	15170
7803	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega\omega\omega K^-D^+\bar{D}^{*-}$	7802	1	15171
7804	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	1474	1	15172
7805	$e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^{*+}$	1475	1	15173
7806	$e^+e^- \to \rho^+\rho^-K^+D^-D^{*+}D_s^{*-}$	7805	1	15174
7807	$e^+e^- \to e^-\bar{\nu}_eK^-D^{*+}p\bar{\Xi}_c^0$	7806	1	15175
7808	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\omega K^*K^-D^+D_1^-$	7807	1	15176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7809	$e^+e^- \to \eta K^* D^{*+} D_s^{*-} f_0(980)$	7808	1	15177
7810	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-}D_s^+$	7809	1	15178
7811	$e^+e^- \to \pi^+\rho^- K^0 K^{*-} D^+ \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	7810	1	15179
7812	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-} n\bar{n}$	7811	1	15180
7813	$e^+e^- \to \rho^0\pi^+\eta\omega K^*\bar{D}^{*-}\eta_c$	7812	1	15181
7814	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\omega D^+D^-$	1476	1	15182
7815	$e^+e^- \to \mu^+\nu_\mu\eta K^+ D^- \bar{D}^{*-} D^{*0}$	7814	1	15183
7816	$e^+e^- \to \mu^+\nu_\mu\pi^0 K^- D^+ \bar{D}^{*-}\bar{D}^0$	7815	1	15184
7817	$e^+e^- \to \pi^+\pi^- K^+ K^+ D^0 D^{*0} D_s^{*-} D_s^{*-}$	7816	1	15185
7818	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^- K^* D^+ D^{*+}\bar{D}^{*-}$	1477	1	15186
7819	$e^+e^- \to \rho^0\pi^-\rho^-\eta\omega\omega D^+ D^{*+}$	7818	1	15187
7820	$e^+e^- \to \pi^-\rho^- K^*\bar{K}^* K^{*+} D^{*+}$	7819	1	15188
7821	$e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+}\bar{n}p$	7820	1	15189
7822	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^- D^+ D_2^{*-}$	7821	1	15190
7823	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^0 D^+ D^- D^0$	7822	1	15191
7824	$e^+e^- \to \pi^- D^+ D^+ a_1^-$	7823	1	15192
7825	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+ D^0 D_1^+$	7824	1	15193
7826	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\eta\bar{K}^* D^- D^- D^{*0}$	7825	1	15194
7827	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^{*-} D^+ \bar{D}^{*-}\bar{D}^0$	7826	1	15195
7828	$e^+e^- \to D^+\bar{D}^{*-} D_s^{*+} p\bar{\Delta}^{++}$	7827	1	15196
7829	$e^+e^- \to \rho^0\omega K^0 K^- D^{*+} n\bar{\Sigma}_c^0$	7828	1	15197
7830	$e^+e^- \to \rho^0\pi^+\pi^- K^+ D^- D_s^{*-} D_1^+$	7829	1	15198
7831	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ K^0 K^* D^{*+} D_s^-$	7830	1	15199
7832	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ K^- D^0\bar{D}^0 D_1'^+$	7831	1	15200
7833	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega K^+ K^- D^- D^0$	7832	1	15201
7834	$e^+e^- \to D^+ D_2^{*-} D_s^{*+} n\bar{p}$	7833	1	15202
7835	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-} D^{*0} n\bar{n}$	7834	1	15203
7836	$e^+e^- \to \pi^0\pi^+ K^0\bar{K}^* D^-\bar{D}^{*-} D_s^{*+}$	7835	1	15204
7837	$e^+e^- \to \pi^0\pi^+\rho^-\eta D^0\Lambda_c^+\bar{\Lambda}_c^-$	352	1	15205
7838	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^* D^+ D^- D^0\bar{D}^0$	353	1	15206
7839	$e^+e^- \to \rho^0\rho^-\eta' D^- D^{*+} D_s^+\gamma$	354	1	15207
7840	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\bar{K}^* K^{*-} D^{*+} D_s^+$	7839	1	15208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7841	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^+D^-$	7840	1	15209
7842	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+D_1^-$	1481	1	15210
7843	$e^+e^- \to \rho^0\pi^-\eta\eta\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	7842	1	15211
7844	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\bar{K}^0\bar{D}^{*-}D^0$	1482	1	15212
7845	$e^+e^- \to \pi^0\pi^+\eta\eta\omega D^{*+}\bar{D}^{*-}\Delta^-\bar{n}p\bar{p}$	7844	1	15213
7846	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta D^+D^-D_s^{*-}$	7845	1	15214
7847	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\rho^0\pi^+\omega D^-D^{*+}$	7846	1	15215
7848	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^*K^+D^0D_s^-\bar{\Delta}^+\Sigma^+$	7847	1	15216
7849	$e^+e^- \to \pi^+\bar{K}^0K^*D^+\bar{D}^{*-}\bar{D}^{*-}$	7848	1	15217
7850	$e^+e^- \to \rho^+D^-D_1^-a_1^+$	7849	1	15218
7851	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-}D_s^-$	7850	1	15219
7852	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0n\bar{p}$	7851	1	15220
7853	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}D_s^{*-}D_1'^+$	7852	1	15221
7854	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}p\bar{p}$	7853	1	15222
7855	$e^+e^- \to \pi^0\pi^+\rho^-\eta D^+\bar{D}^0D_{s1}'^-$	1483	1	15223
7856	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	7855	1	15224
7857	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*-}$	7856	1	15225
7858	$e^+e^- \to \pi^+K^{*-}D^-\eta_ca_1^+\gamma$	7857	1	15226
7859	$e^+e^- \to \rho^0\pi^+\bar{K}^0K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^0$	7858	1	15227
7860	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-K^0\bar{K}^0K^-D^-J/\psi$	7859	1	15228
7861	$e^+e^- \to \pi^0K^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	7860	1	15229
7862	$e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{\Delta}^0\Lambda_c^+$	7861	1	15230
7863	$e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	1484	1	15231
7864	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+D^-\bar{D}^{*-}$	1485	1	15232
7865	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^*D^+D^{*+}\bar{D}^{*-}$	7864	1	15233
7866	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta'D^-D^{*+}$	7865	1	15234
7867	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^0D^{*+}\bar{D}^0D_0^{*+}$	1486	1	15235
7868	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-D^-D^{*+}$	7867	1	15236
7869	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^+D^-D_0^{*+}$	7868	1	15237
7870	$e^+e^- \to K_LK^0\bar{D}^0D^{*0}\psi'$	7869	1	15238
7871	$e^+e^- \to \pi^+\rho^-K^{*-}D^+\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-n$	7870	1	15239
7872	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}D_s^{*-}D_1^+$	7871	1	15240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7873	$e^+e^- \to \mu^+\nu_\mu\rho^-K^+K^-D^+D^-$	7872	1	15241
7874	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}$	1487	1	15242
7875	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\omega D^{*+}D^{*+}$	7874	1	15243
7876	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^-\eta' D^+D_2^{*-}$	7875	1	15244
7877	$e^+e^- \to \pi^0\rho^0\pi^+\eta'\bar{D}^{*-}\Delta^0\bar{\Xi}_c^{*0}$	7876	1	15245
7878	$e^+e^- \to \pi^0K^0\bar{K}^0D^+\bar{D}^{*0}D_s^{*-}$	355	1	15246
7879	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-K^{*+}D^+\bar{D}^{*-}$	7878	1	15247
7880	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^-\bar{D}^{*0}$	7879	1	15248
7881	$e^+e^- \to \pi^-K^{*+}K^{*-}D^+D^-a_1^+$	7880	1	15249
7882	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0}$	1489	1	15250
7883	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\omega\omega K^-\bar{D}^{*-}D_s^+$	1490	1	15251
7884	$e^+e^- \to \pi^0\pi^0\pi^-K^+D^+D^+\bar{D}^{*-}D_s^-$	7883	1	15252
7885	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	1491	1	15253
7886	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}$	7885	1	15254
7887	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^-\omega\omega D^+D^{*+}$	1492	1	15255
7888	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\omega\bar{K}^0D^+\eta_c$	7887	1	15256
7889	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}D_1^+$	7888	1	15257
7890	$e^+e^- \to \rho^0\pi^+\pi^-D^{*+}n\bar{p}\bar{X}_{sd}\gamma$	7889	1	15258
7891	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\omega D^+D_1^-$	7890	1	15259
7892	$e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^*K^{*-}\bar{D}^{*-}D^0\bar{D}^{*0}$	7891	1	15260
7893	$e^+e^- \to \pi^0\rho^0J/\psi\bar{K}_0^{*0}K_1^0$	7892	1	15261
7894	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}\bar{n}p$	7893	1	15262
7895	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}p\bar{p}$	7894	1	15263
7896	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^0D^-D^0\bar{D}^{*0}$	7895	1	15264
7897	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+D^-\bar{D}^{*-}$	7896	1	15265
7898	$e^+e^- \to \pi^0\pi^0\rho^0D^-D_s^{*+}\bar{\Delta}^+\Lambda_c^+$	7897	1	15266
7899	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^+K^-K^{*+}K^{*-}D^+\bar{D}^{*-}$	7898	1	15267
7900	$e^+e^- \to \pi^-K^0\bar{K}^0D^-D^{*+}a_1^+\gamma$	7899	1	15268
7901	$e^+e^- \to \pi^0\rho^-\eta\bar{K}^0\bar{K}^0D^-D^{*+}D_s^+$	7900	1	15269
7902	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-D^+D^-D_s^-$	7901	1	15270
7903	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	7902	1	15271
7904	$e^+e^- \to \pi^+K^0\phi D^+\bar{D}^{*-}D^{*0}D_s^{*-}$	7903	1	15272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7905	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	7904	1	15273
7906	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}\bar{D}^0$	7905	1	15274
7907	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^{*-}D^+\bar{D}^{*-}$	7906	1	15275
7908	$e^+e^- \to \mu^-\bar{\nu}_\mu K_1^0D_1^+\psi'$	7907	1	15276
7909	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D_s^+D_1'^-$	7908	1	15277
7910	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^0D^{*+}D^{*+}\bar{D}^{*-}$	7909	1	15278
7911	$e^+e^- \to \pi^+\pi^+\pi^-D^-\bar{\Delta}^0p\bar{\Delta}^{++}\Sigma_c^+$	7910	1	15279
7912	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_1^-D_1'^+$	7911	1	15280
7913	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}n\bar{n}$	7912	1	15281
7914	$e^+e^- \to \rho^0K^0J/\psi\bar{\Delta}^0\Sigma_c^{*0}$	7913	1	15282
7915	$e^+e^- \to \pi^0K^{*-}D^+D^0\bar{D}^{*0}\bar{D}^{*0}$	7914	1	15283
7916	$e^+e^- \to \pi^+\bar{K}^0D^0D_s^-\bar{\Lambda}\Sigma_c^0$	7915	1	15284
7917	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	7916	1	15285
7918	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\omega K^0K^{*-}D^{*0}D_1'^+$	7917	1	15286
7919	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-D^{*+}a_1^-$	7918	1	15287
7920	$e^+e^- \to \tau^+\nu_\tau\rho^+K^-D^-\bar{D}^{*-}p\bar{\Lambda}$	7919	1	15288
7921	$e^+e^- \to \rho^+\eta K^0K^-D^-D^{*+}$	7920	1	15289
7922	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^+\bar{D}^{*-}D_0^{*-}$	7921	1	15290
7923	$e^+e^- \to \pi^0\pi^-K^+K^+D^-D^{*0}\chi_{c1}$	7922	1	15291
7924	$e^+e^- \to \pi^0\rho^+\eta K^-D^+D^-\bar{D}^{*0}$	7923	1	15292
7925	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-D^-D^{*+}$	7924	1	15293
7926	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	7925	1	15294
7927	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	7926	1	15295
7928	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	7927	1	15296
7929	$e^+e^- \to \eta K^0K^0K^0\bar{K}^0K^{*-}D^+D^+\bar{D}^{*-}$	7928	1	15297
7930	$e^+e^- \to \pi^-\omega\bar{K}^0K^*\bar{K}^*K^+\eta_cn\bar{n}$	7929	1	15298
7931	$e^+e^- \to \bar{K}^0D^-n\bar{\Xi}_c'^0D_{s0}^{*+}$	7930	1	15299
7932	$e^+e^- \to \pi^+\pi^-\eta K^0K^{*-}D^{*+}D^0$	1493	1	15300
7933	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\bar{K}^0D^+\bar{D}^{*-}D^0$	7932	1	15301
7934	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^-J/\psi$	7933	1	15302
7935	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+D^-$	7934	1	15303
7936	$e^+e^- \to \pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_{s1}'^+$	7935	1	15304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7937	$e^+e^- \to \pi^-\rho^+\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^{*-}$	7936	1	15305
7938	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega\omega\omega D^+D^-$	7937	1	15306
7939	$e^+e^- \to \mu^+\nu_\mu\rho^0K^+\bar{D}^{*-}p\bar{\Sigma}_c^{*--}$	1494	1	15307
7940	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta K^0K^-D^0\Delta^+\bar{\Sigma}_c^{*0}$	7939	1	15308
7941	$e^+e^- \to K^*K^-D^{*+}\bar{D}^{*-}a_1^+\gamma$	1495	1	15309
7942	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^{*+}\bar{n}p\Sigma^0\bar{\Sigma}^-$	7941	1	15310
7943	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^*D^-D_2^{*+}D_s^-$	7942	1	15311
7944	$e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^0a_1^+$	7943	1	15312
7945	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+\bar{K}^*K^+D_1^-$	7944	1	15313
7946	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0K^-D^+D^{*+}$	7945	1	15314
7947	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}$	7946	1	15315
7948	$e^+e^- \to \pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*0}\bar{p}\Lambda_c^+$	7947	1	15316
7949	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^0\bar{K}^0K^+D^+\bar{D}^{*-}D^0$	7948	1	15317
7950	$e^+e^- \to \rho^-\bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma_c^{++}$	7949	1	15318
7951	$e^+e^- \to \rho^0\pi^+\rho^-\eta\bar{K}^0K^+\bar{D}^{*-}p\bar{\Xi}_c^-$	7950	1	15319
7952	$e^+e^- \to \mu^+\nu_\mu\eta K^0K^{*-}D^+D^-$	7951	1	15320
7953	$e^+e^- \to e^+\nu_eD^{*+}a_1^-D_1'^-\gamma$	7952	1	15321
7954	$e^+e^- \to \pi^+D^+\Delta^-\Delta^0\bar{\Delta}^0\bar{\Sigma}_c^{*-}$	7953	1	15322
7955	$e^+e^- \to \pi^0\pi^-\omega D^+D^-\bar{n}p$	7954	1	15323
7956	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}$	1496	1	15324
7957	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\eta D^{*+}\bar{D}^{*-}$	1497	1	15325
7958	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+K^0K^+K^-D^{*+}D^0\bar{D}^0$	7957	1	15326
7959	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^-D^+D^-$	7958	1	15327
7960	$e^+e^- \to \rho^0\pi^+\eta K^{*+}K^{*-}D^-D_2^{*+}D_s^{*-}$	7959	1	15328
7961	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	1498	1	15329
7962	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\bar{K}^0K^*D^-D^{*+}$	7961	1	15330
7963	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\omega K^-\bar{D}^{*-}\eta_c(2S)$	7962	1	15331
7964	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+D^{*+}\bar{D}^{*0}$	7963	1	15332
7965	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega\omega K^*K^+K^-K^-D^{*0}D_s^-$	7964	1	15333
7966	$e^+e^- \to K^+D^+\Sigma^0\bar{\Xi}_c^{*-}a_1^-$	7965	1	15334
7967	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{D}^0D^{*0}$	7966	1	15335
7968	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-}\psi'$	7967	1	15336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
7969	$e^+e^- \to \pi^0\rho^+\eta\eta D^+D^-D_s^{*-}$	7968	1	15337
7970	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\eta D^-\bar{D}^{*-}$	7969	1	15338
7971	$e^+e^- \to D^-D_s^-D_1^+D_{s1}^+$	1499	1	15339
7972	$e^+e^- \to e^-\bar{\nu}_e\rho^0K^0K^-D^+D^{*+}$	7971	1	15340
7973	$e^+e^- \to \rho^+\rho^-\omega\omega K^+K^-D^-D^{*+}$	7972	1	15341
7974	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^{*+}D_s^-$	7973	1	15342
7975	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^0$	7974	1	15343
7976	$e^+e^- \to \pi^+\rho^-\bar{K}^*K^{*+}\bar{D}^{*-}D^0\Delta^0\bar{\Delta}^0$	7975	1	15344
7977	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	7976	1	15345
7978	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^-D^{*+}D_s^+$	7977	1	15346
7979	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	7978	1	15347
7980	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^0D_s^{*-}$	7979	1	15348
7981	$e^+e^- \to e^+\nu_eX_u^-\bar{K}^*\bar{\Delta}^0\Sigma_c^{*0}$	7980	1	15349
7982	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^*K^+D^+\bar{D}^{*-}n\bar{p}$	7981	1	15350
7983	$e^+e^- \to \pi^0\pi^+\pi^-K^+D^+D^-D^0D_s^-$	7982	1	15351
7984	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D^0$	7983	1	15352
7985	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta'D^-\bar{D}^{*0}$	7984	1	15353
7986	$e^+e^- \to \pi^0\rho^0\pi^-K^0K^-D^+\bar{D}^0D_s^+$	7985	1	15354
7987	$e^+e^- \to \pi^0\pi^0D^+D^+\bar{D}^{*-}D_s^-$	7986	1	15355
7988	$e^+e^- \to \pi^+\omega\omega\bar{K}^0K^*D^+\bar{D}^{*-}D_s^{*-}$	7987	1	15356
7989	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^*K^-D^+\bar{D}^{*-}$	1500	1	15357
7990	$e^+e^- \to \rho^+K^*D^+D^-D^-\gamma$	7989	1	15358
7991	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-n\bar{\Xi}_c^-$	7990	1	15359
7992	$e^+e^- \to \rho^0\rho^+\rho^-K^0K^+D^-\bar{n}\Xi_c'^0$	7991	1	15360
7993	$e^+e^- \to \omega K^+K^{*-}D^-D^{*+}D^0\bar{D}^{*0}$	7992	1	15361
7994	$e^+e^- \to \rho^-\bar{D}^{*-}D_s^{*+}\bar{n}\Lambda_c^+$	1501	1	15362
7995	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega\omega K^0K^0\bar{K}^*K^{*-}D^-$	7994	1	15363
7996	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega\bar{K}^*\phi D^-D^{*+}$	7995	1	15364
7997	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}D^0$	7996	1	15365
7998	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^+D^{*+}n\bar{p}$	7997	1	15366
7999	$e^+e^- \to \bar{D}^{*-}D_s^+D_s^-D_1'^+$	7998	1	15367
8000	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	7999	1	15368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8001	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega\omega\omega\bar{K}^0D^{*+}\bar{D}^{*-}$	8000	1	15369
8002	$e^+e^- \to \pi^0\pi^-K^0D^+D^{*+}\bar{D}^0\Delta^-\bar{\Delta}^0$	8001	1	15370
8003	$e^+e^- \to \pi^0\pi^0\pi^+K^{*+}K^{*-}K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	8002	1	15371
8004	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0}$	1502	1	15372
8005	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-D^-D^{*+}$	8004	1	15373
8006	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^0K^{*-}D^-\chi_{c0}$	8005	1	15374
8007	$e^+e^- \to \rho^0\rho^+\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	8006	1	15375
8008	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}a_1^-$	8007	1	15376
8009	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-K^0\bar{K}^0K^+D_2^{*-}$	8008	1	15377
8010	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-D^{*+}$	8009	1	15378
8011	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\bar{K}^0\bar{D}^{*-}D^0$	8010	1	15379
8012	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}D_{s1}'^+$	8011	1	15380
8013	$e^+e^- \to \rho^+K^-D^+\bar{D}^0p\bar{\Sigma}_c^{*--}$	8012	1	15381
8014	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\bar{K}^0\bar{D}^{*0}D_s^+D_s^+$	8013	1	15382
8015	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0\bar{D}^{*-}n\bar{p}$	8014	1	15383
8016	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^{*0}a_1^+$	8015	1	15384
8017	$e^+e^- \to \rho^0\eta K^0\bar{K}^0K^*K^-D^{*+}\bar{D}^0$	8016	1	15385
8018	$e^+e^- \to \rho^+\omega\bar{D}^{*-}\bar{D}^{*-}D_s^+$	8017	1	15386
8019	$e^+e^- \to \pi^0\pi^+\omega D^-D^{*0}\bar{\Delta}^-\Delta^-$	8018	1	15387
8020	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*\bar{D}^0D_s^{*+}$	8019	1	15388
8021	$e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^+D_1'^+$	8020	1	15389
8022	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+D^{*+}n\bar{p}$	8021	1	15390
8023	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{D}^0$	8022	1	15391
8024	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^-D^+D^{*+}\bar{D}^0D_s^{*-}$	8023	1	15392
8025	$e^+e^- \to \tau^+\nu_\tau D_2^{*+}D_2^{*-}D_s^{*-}$	356	1	15393
8026	$e^+e^- \to e^+e^-\bar{K}^0K^+D^-\bar{X}_{sd}$	8025	1	15394
8027	$e^+e^- \to \pi^+K^+K^-K^-\phi D^+D^-\bar{D}^{*0}$	8026	1	15395
8028	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^-p\bar{p}D_1'^+$	8027	1	15396
8029	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-D^-D_1'^+$	8028	1	15397
8030	$e^+e^- \to \pi^+\pi^-\rho^+K^*\bar{D}^{*-}J/\psi$	8029	1	15398
8031	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega K^{*+}D^{*+}\Sigma^+\bar{\Sigma}^-$	8030	1	15399
8032	$e^+e^- \to \pi^0\rho^0\pi^+\eta K^+K^-K^-D^-D_s^{*+}$	8031	1	15400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8033	$e^+e^- \to \pi^+\omega K^{*-}J/\psi\bar{\Delta}^+\Sigma_c^+$	8032	1	15401
8034	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^0$	8033	1	15402
8035	$e^+e^- \to \pi^0\rho^+\omega\omega\omega D^-\bar{D}^{*-}D_s^{*+}$	8034	1	15403
8036	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+}n\bar{\Sigma}_c^0$	8035	1	15404
8037	$e^+e^- \to \pi^0\rho^+K^-K^{*+}\bar{D}^{*-}D_s^{*-}D_1^+$	8036	1	15405
8038	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	8037	1	15406
8039	$e^+e^- \to \pi^0\pi^-\eta K^0\bar{K}^*D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	8038	1	15407
8040	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-D^0\Lambda\bar{\Sigma}^{*0}$	8039	1	15408
8041	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^*K^*K^-D^+D^-$	8040	1	15409
8042	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega\omega D^-D_1'^-$	1504	1	15410
8043	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^0\bar{D}^0$	8042	1	15411
8044	$e^+e^- \to \pi^0\rho^+K^{*-}\eta_c\bar{\Delta}^0\Sigma_c^0$	8043	1	15412
8045	$e^+e^- \to \pi^0\rho^-K^{*+}D^-D^{*+}D^0$	8044	1	15413
8046	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*\Delta^0\bar{\Xi}_c^{*0}D_1'^+$	8045	1	15414
8047	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*K^+D^-\bar{D}^{*-}$	8046	1	15415
8048	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	8047	1	15416
8049	$e^+e^- \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+$	1505	1	15417
8050	$e^+e^- \to e^+\nu_eD^{*0}\Delta^+\bar{\Delta}^+D_0^{*-}$	8049	1	15418
8051	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-$	8050	1	15419
8052	$e^+e^- \to \rho^+\eta\omega\bar{K}^0K^+K^-D^-D^0$	8051	1	15420
8053	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^0\bar{K}^*K^+D^+D^0\bar{D}^{*0}$	8052	1	15421
8054	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^+D^+D_s^-$	8053	1	15422
8055	$e^+e^- \to \pi^0\pi^+\eta\eta\omega K^0\eta'D^-\bar{D}^0\bar{\Xi}^+\Xi^-$	8054	1	15423
8056	$e^+e^- \to \omega\omega K^0K^{*-}D^{*+}D^{*+}D_s^{*-}$	8055	1	15424
8057	$e^+e^- \to \pi^-\omega K^+K^+K^-D^+D^-D^0$	8056	1	15425
8058	$e^+e^- \to \rho^+D_s^{*+}a_1^-D_1'^-$	8057	1	15426
8059	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega D^-D_2^{*+}$	8058	1	15427
8060	$e^+e^- \to \rho^0\pi^-\omega K^+D^-D^{*+}D^{*0}$	8059	1	15428
8061	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}$	8060	1	15429
8062	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}D^{*0}D_s^{*-}$	8061	1	15430
8063	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	1506	1	15431
8064	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}p\bar{p}$	8063	1	15432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8065	$e^+e^- \to D^+D_2^{*-}D_s^+\Sigma^-\bar{\Sigma}^{*0}$	8064	1	15433
8066	$e^+e^- \to \bar{K}^0K^*D^+\bar{D}^{*-}D^0\bar{D}^0$	8065	1	15434
8067	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^+K^-K^{*+}D^+D^{*0}$	8066	1	15435
8068	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^*D^-J/\psi$	1507	1	15436
8069	$e^+e^- \to \pi^0K^0K^*K^{*-}D^+D^+D^-$	8068	1	15437
8070	$e^+e^- \to \pi^0\pi^0\pi^-D^+X_{sd}\gamma$	8069	1	15438
8071	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D_0^{*+}$	8070	1	15439
8072	$e^+e^- \to \pi^0\rho^0\pi^+\eta\omega K^0K^-D^-D^{*+}$	8071	1	15440
8073	$e^+e^- \to \pi^0\pi^-\omega D^+\Delta^0\bar{\Sigma}_c^{*0}$	1508	1	15441
8074	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^-D^0D_s^{*+}$	8073	1	15442
8075	$e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-D^+\bar{D}^{*-}n\bar{n}$	8074	1	15443
8076	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D_2^{*+}\bar{D}^{*0}$	8075	1	15444
8077	$e^+e^- \to \mu^+\nu_\mu\eta'D^-\bar{\Delta}^0\Sigma_c^0$	8076	1	15445
8078	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_1^+a_1^+$	8077	1	15446
8079	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0\bar{K}^0K^+D^{*+}$	8078	1	15447
8080	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0D^-D^{*+}D_{s1}'^-$	8079	1	15448
8081	$e^+e^- \to \pi^0\pi^+\rho^+K^-K^{*+}\eta'D^-\bar{D}^{*-}$	1509	1	15449
8082	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-D^+D^-$	8081	1	15450
8083	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_s^+$	8082	1	15451
8084	$e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}a_1^+$	8083	1	15452
8085	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^-\omega\omega D^{*+}D^{*+}$	8084	1	15453
8086	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^0$	1510	1	15454
8087	$e^+e^- \to \pi^+\pi^-\pi^-K^+K^-K^-D^{*+}D^{*+}$	1511	1	15455
8088	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^+\rho^-D^-D^-$	8087	1	15456
8089	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+D^+D^0D_s^-$	8088	1	15457
8090	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\bar{D}^{*-}D^{*0}$	8089	1	15458
8091	$e^+e^- \to \pi^0\rho^+\eta D^-D^{*+}\Delta^-\bar{n}$	357	1	15459
8092	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+\Delta^0\bar{\Sigma}_c^-$	8091	1	15460
8093	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	1513	1	15461
8094	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^+\pi^-D^-$	8093	1	15462
8095	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}$	8094	1	15463
8096	$e^+e^- \to e^+\nu_e\eta\eta\omega K^0K^-D^+D^-$	1514	1	15464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8097	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^0D_s^-p\bar{p}$	8096	1	15465
8098	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+K^{*-}D^-D_s^{*+}$	8097	1	15466
8099	$e^+e^- \to \pi^0\rho^+\rho^-\eta K^-K^{*+}D^+D^-$	8098	1	15467
8100	$e^+e^- \to \pi^0\pi^+\rho^+\phi\bar{D}^{*-}D^{*0}D_s^-$	8099	1	15468
8101	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^*D^{*+}\bar{D}^{*0}$	8100	1	15469
8102	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-}a_1^+$	8101	1	15470
8103	$e^+e^- \to \omega\bar{K}^0K^+D^-D^{*+}D_s^-\gamma$	8102	1	15471
8104	$e^+e^- \to \pi^+\pi^-D^-D_s^{*+}D_s^{*-}D_1'^+$	8103	1	15472
8105	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}p\bar{\Sigma}_c^{*--}$	8104	1	15473
8106	$e^+e^- \to D^+\bar{D}^{*-}\bar{n}pa_1^-$	8105	1	15474
8107	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta K^0K^0K^{*-}D^+\bar{D}^0$	8106	1	15475
8108	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^0\bar{K}^*\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	8107	1	15476
8109	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-K^+K^-D^+\bar{D}^{*0}$	8108	1	15477
8110	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta\omega\omega D^{*+}D^{*+}$	8109	1	15478
8111	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}J/\psi D_0^{*+}$	8110	1	15479
8112	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*0}n\bar{\Lambda}_c^-$	1515	1	15480
8113	$e^+e^- \to e^+\nu_e\bar{K}^0D_2^{*-}D^0\bar{D}^0$	8112	1	15481
8114	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^{*+}D^{*+}\bar{D}^0D^{*0}$	1516	1	15482
8115	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+D^-D^{*+}D^0$	8114	1	15483
8116	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0K^-D^{*+}D^0D_s^{*-}$	8115	1	15484
8117	$e^+e^- \to \pi^0\pi^+K^+K^{*-}\bar{D}^{*-}D^0\eta_c$	1517	1	15485
8118	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0\phi\bar{D}^0\eta_c$	8117	1	15486
8119	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^{*+}D^0$	8118	1	15487
8120	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^0K^{*-}D^-D^{*+}D^{*+}$	8119	1	15488
8121	$e^+e^- \to \rho^0\pi^-\eta\omega D^+\bar{D}^{*-}\bar{n}p$	8120	1	15489
8122	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-\eta D^+D^{*+}$	8121	1	15490
8123	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	8122	1	15491
8124	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\bar{D}^{*-}D_2^{*+}$	8123	1	15492
8125	$e^+e^- \to \rho^0\pi^-\omega\omega\omega D^{*+}\bar{\Delta}^0\Sigma_c^{*0}$	1518	1	15493
8126	$e^+e^- \to \mu^+\nu_\mu\pi^0K^{*-}D^+D^-\bar{D}^0$	8125	1	15494
8127	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta D^-D^{*+}$	8126	1	15495
8128	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	8127	1	15496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8129	$e^+e^- \to e^+\nu_e\pi^+\eta K^{*-}\bar{D}^{*-}\bar{D}^{*0}$	8128	1	15497
8130	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\omega\omega D^-\bar{D}^{*-}$	8129	1	15498
8131	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^{*+}D^{*0}$	1519	1	15499
8132	$e^+e^- \to \pi^0\pi^0\pi^-\eta\eta D^+\bar{D}^{*0}$	8131	1	15500
8133	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ D^- D^0 n\bar{n}$	1520	1	15501
8134	$e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0\bar{D}^{*-}\eta_c(2S)$	8133	1	15502
8135	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\bar{K}^0 D^- D_s^{*+}$	1521	1	15503
8136	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^{*+}D^0 D_s^-$	1522	1	15504
8137	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^* D^+ D^- D^{*+}$	1523	1	15505
8138	$e^+e^- \to \pi^0\rho^-\eta K^+ D^+\bar{D}^{*-}D^{*0}$	8137	1	15506
8139	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega K^- K^{*+}D^+D^-$	8138	1	15507
8140	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^- K^+ D^{*+}\bar{D}^0$	8139	1	15508
8141	$e^+e^- \to \rho^+\eta D^+ D^- D_s^{*-}$	8140	1	15509
8142	$e^+e^- \to e^-\bar{\nu}_e\rho^0 D^{*+}\bar{D}^{*-}\bar{n}\Delta^+$	8141	1	15510
8143	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^+\bar{D}^{*0}$	1524	1	15511
8144	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- K^0 D^{*+}\bar{D}^{*-}D^0$	8143	1	15512
8145	$e^+e^- \to \rho^0\pi^+\rho^+\eta\eta\omega\omega D^-\bar{D}^{*-}$	8144	1	15513
8146	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-\rho^+\bar{D}^{*-}$	8145	1	15514
8147	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta\omega K^0\bar{K}^* D^+\bar{D}^{*-}$	8146	1	15515
8148	$e^+e^- \to \pi^+\rho^-\rho^- D^+\bar{D}^0\bar{n}\Delta^0$	8147	1	15516
8149	$e^+e^- \to \pi^-\eta\omega\bar{K}^* K^+ D^{*+}D_{s1}'^-$	8148	1	15517
8150	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^- K^0 K^{*-}D^+D^-$	8149	1	15518
8151	$e^+e^- \to K^*\bar{D}^{*-}D_s^+ f_0(980)$	8150	1	15519
8152	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^{*+}\bar{D}^0 D_s^+$	8151	1	15520
8153	$e^+e^- \to \rho^0\pi^-\pi^-\omega\bar{K}^* D^+\bar{\Xi}^0\Xi_c^+$	8152	1	15521
8154	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\omega D^-\bar{D}^{*-}$	1525	1	15522
8155	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\rho^+\rho^- D^+D^-$	8154	1	15523
8156	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^{*0}D_s^{*+}$	8155	1	15524
8157	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^+ D^-\bar{D}^{*-}$	8156	1	15525
8158	$e^+e^- \to e^-\bar{\nu}_e\eta\omega\bar{K}^0 K^{*+}D^-D^{*+}$	8157	1	15526
8159	$e^+e^- \to K^0 K^{*-}D^+ D_2^{*-}D_s^+$	8158	1	15527
8160	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 K^- D^{*+}\bar{D}^{*-}$	8159	1	15528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8161	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Sigma^+$	1526	1	15529
8162	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^- D^{*+}\bar{D}^{*-}$	1527	1	15530
8163	$e^+e^- \to \pi^0\pi^-\rho^- K_S D^{*+}\bar{\Delta}^0 p\chi_{c0}$	8162	1	15531
8164	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta K^- D^{*0}D^{*0}\bar{D}^{*0}$	8163	1	15532
8165	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^- K^* D^+\bar{D}^{*0}$	1528	1	15533
8166	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^{*0}$	1529	1	15534
8167	$e^+e^- \to K^*K^- D^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	8166	1	15535
8168	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}\bar{\Delta}^-\bar{\Delta}^-\Delta^- n$	8167	1	15536
8169	$e^+e^- \to e^+\nu_e\pi^0 K^- D^+\bar{D}^{*-}\bar{D}^{*0}$	8168	1	15537
8170	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^0\bar{K}^* K^- K^- D^+ D^{*+}$	1530	1	15538
8171	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^+ D^- D_0^{*+}$	8170	1	15539
8172	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta K^* D^{*+} D_s^{*+} D_s^{*-}$	8171	1	15540
8173	$e^+e^- \to K^*K^{*-} D^+ D^{*+}\bar{D}^{*-} n\bar{\Lambda}$	8172	1	15541
8174	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	8173	1	15542
8175	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- K^* K^{*+} D^+ D_s^-$	8174	1	15543
8176	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-}$	8175	1	15544
8177	$e^+e^- \to \pi^-\eta D^+\bar{D}^{*-} D_{s0}^{*+}$	8176	1	15545
8178	$e^+e^- \to \bar{K}^* K^- D^- D^{*+} D_{s0}^{*+}$	1531	1	15546
8179	$e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}\bar{D}^{*0}$	8178	1	15547
8180	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega K^- K^{*+} D^{*+}\bar{D}^{*-}$	1532	1	15548
8181	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^* D^+ D^0$	8180	1	15549
8182	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+ D^-$	1533	1	15550
8183	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta K^0\bar{K}^0 D^+ D^-$	8182	1	15551
8184	$e^+e^- \to \rho^-\bar{K}^0 D_2^{*+}\Sigma^0\bar{\Omega}_c^0\gamma$	8183	1	15552
8185	$e^+e^- \to \pi^-\pi^- K^0 D^{*+} D^{*+}\bar{D}^0$	1534	1	15553
8186	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-}$	8185	1	15554
8187	$e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^* D^- D^-$	8186	1	15555
8188	$e^+e^- \to \pi^-\pi^-\rho^+\omega D^- D^{*+} D_s^{*+}$	8187	1	15556
8189	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+ K^{*-} D^{*+}\bar{D}^{*-}$	8188	1	15557
8190	$e^+e^- \to \rho^0\rho^+\omega D^- D^{*0}\bar{n}\Delta^0$	8189	1	15558
8191	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega K^-\bar{D}^{*0}\psi'$	8190	1	15559
8192	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0 D^+ D^-$	8191	1	15560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8193	$e^+e^- \to \tau^+\nu_\tau\pi^+\eta K^+K^-D^-\bar{D}^{*-}$	8192	1	15561
8194	$e^+e^- \to \pi^0\rho^+\eta\omega K^+K^-D^-D^{*+}D_s^{*-}$	8193	1	15562
8195	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}a_1^+$	8194	1	15563
8196	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\eta'\bar{D}^{*-}D^0$	8195	1	15564
8197	$e^+e^- \to K^0\bar{D}^{*-}D_s^{*+}\Lambda_c^+\bar{\Lambda}_c^-$	8196	1	15565
8198	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^-$	8197	1	15566
8199	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^0D^{*+}\bar{D}^0$	8198	1	15567
8200	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+D^-D_2^{*+}\bar{\Delta}^-\Delta^-$	1535	1	15568
8201	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+K^-D^+\bar{D}^0\bar{D}^0$	8200	1	15569
8202	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^*D^+D^-\bar{D}^{*-}$	1536	1	15570
8203	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^0\bar{K}^0\bar{K}^*K^{*+}K^{*-}\bar{D}^{*-}$	8202	1	15571
8204	$e^+e^- \to e^+\nu_e\rho^0K^*K^{*-}D^-D^{*+}$	8203	1	15572
8205	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}\bar{K}_1^0\psi(3770)$	8204	1	15573
8206	$e^+e^- \to \mu^+\nu_\mu K^0D^{*+}\bar{D}^{*-}D_2^{*-}$	8205	1	15574
8207	$e^+e^- \to \rho^-K^0K^+D^{*+}D^0D_s^-\gamma$	8206	1	15575
8208	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	8207	1	15576
8209	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^0\bar{D}^{*-}D^0D_1'^+$	8208	1	15577
8210	$e^+e^- \to \rho^-\bar{K}^0\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	8209	1	15578
8211	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*+}\Sigma^+\bar{\Sigma}^-$	8210	1	15579
8212	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^{*-}D^+D^-$	8211	1	15580
8213	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-}$	8212	1	15581
8214	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	1537	1	15582
8215	$e^+e^- \to \rho^+\rho^-\eta D^+D^-$	8214	1	15583
8216	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-D^-D^0D_s^-$	8215	1	15584
8217	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+\eta_c$	8216	1	15585
8218	$e^+e^- \to \rho^-D^{*+}D_2^{*+}D_s^-$	8217	1	15586
8219	$e^+e^- \to K^0D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	8218	1	15587
8220	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-K^-D^+\bar{D}^{*0}$	8219	1	15588
8221	$e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{K}^*D^-D^{*+}$	8220	1	15589
8222	$e^+e^- \to \pi^0\pi^0\rho^+\rho^+\omega K^-K^{*+}D^-\bar{D}^{*-}$	8221	1	15590
8223	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	1538	1	15591
8224	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}$	8223	1	15592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8225	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^0 D^{*+}$	8224	1	15593
8226	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	8225	1	15594
8227	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+D^-$	8226	1	15595
8228	$e^+e^- \to K^0 D^-\bar{\Delta}^-\bar{n}\Delta^0\Omega_c^0$	8227	1	15596
8229	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}D^+\bar{n}p$	8228	1	15597
8230	$e^+e^- \to \pi^-\pi^-\eta\bar{K}^0 D^+\bar{D}^{*-}D_s^{*+}\bar{n}p$	8229	1	15598
8231	$e^+e^- \to \rho^0\pi^-K^+K^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	8230	1	15599
8232	$e^+e^- \to \pi^0\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^0 n\bar{n}$	8231	1	15600
8233	$e^+e^- \to \bar{K}^0K^*K^+K^-D^-D^{*+}\bar{D}^{*0}$	8232	1	15601
8234	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0K^-D^+D^-$	8233	1	15602
8235	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+$	8234	1	15603
8236	$e^+e^- \to \pi^-\eta\omega D^+D^-\bar{\Delta}^-\Delta^0$	8235	1	15604
8237	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^+D^{*+}$	1539	1	15605
8238	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^-$	8237	1	15606
8239	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\bar{D}^{*0}D_1^+$	8238	1	15607
8240	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	8239	1	15608
8241	$e^+e^- \to \pi^0\rho^0\bar{D}^0\bar{n}\Sigma^0\bar{\Xi}^0\Sigma_c^{*0}$	8240	1	15609
8242	$e^+e^- \to K^*K^{*+}\bar{D}^{*-}D^{*0}\bar{\Sigma}^{*0}\Omega_c^0$	8241	1	15610
8243	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^{*+}D^-D^{*+}D^0\gamma$	8242	1	15611
8244	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega D^0D^{*0}$	8243	1	15612
8245	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	8244	1	15613
8246	$e^+e^- \to \rho^+\bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*-}$	8245	1	15614
8247	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^+D^-\bar{p}\Delta^{++}$	8246	1	15615
8248	$e^+e^- \to \pi^-\rho^+\rho^-\eta\eta K_S K^+\chi_{c1}$	8247	1	15616
8249	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D_1'^+$	8248	1	15617
8250	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\bar{K}^0\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	8249	1	15618
8251	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0$	8250	1	15619
8252	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{n}p$	8251	1	15620
8253	$e^+e^- \to \pi^0\pi^+\omega K^-D^+\bar{D}^{*-}\bar{D}^0$	8252	1	15621
8254	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+K^-K^{*+}D^-D^{*+}$	8253	1	15622
8255	$e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}D^0a_1^+$	8254	1	15623
8256	$e^+e^- \to e^+\nu_e X_u^-\pi^+\pi^-D^+D_s^{*-}$	8255	1	15624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8257	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ \bar{D}^{*-} \bar{D}^{*0}$	8256	1	15625
8258	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- K^0 D^+ \bar{D}^0$	8257	1	15626
8259	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^* D^{*+} D^{*+} \bar{D}^{*0}$	8258	1	15627
8260	$e^+e^- \to \pi^- K^{*-} D^+ \bar{D}^0 p \bar{\Sigma}_c^{*0}$	8259	1	15628
8261	$e^+e^- \to \rho^- \bar{D}^{*-} D_s^+ \bar{\Lambda} \Xi_c^+$	8260	1	15629
8262	$e^+e^- \to \rho^0\pi^+\pi^- K^0 D^+ D^- D^0 \bar{D}^0$	8261	1	15630
8263	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 K^{*-} D^+ D^{*+}$	8262	1	15631
8264	$e^+e^- \to \rho^0\pi^-\rho^+ K^0 D^+ \bar{D}^{*-}$	93	1	15632
8265	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+ D^{*+} \bar{D}^{*-}$	8264	1	15633
8266	$e^+e^- \to \rho^+ D^+ D^- \Delta^0 \bar{\Delta}^+ \gamma$	8265	1	15634
8267	$e^+e^- \to \pi^0\rho^0\pi^- K^0 D^+ D^- D^{*+}$	8266	1	15635
8268	$e^+e^- \to \pi^+ K^* \bar{K}^* D^+ D^- D^- D^{*0}$	8267	1	15636
8269	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- K^- \bar{D}^{*0}$	8268	1	15637
8270	$e^+e^- \to \rho^0\pi^+ D_2^{*-} D_s^+ D_s^{*-}$	1541	1	15638
8271	$e^+e^- \to \pi^+ K^* D^+ D^- D^{*0} D_{s1}'^-$	8270	1	15639
8272	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^{*+} \bar{D}^{*0}$	8271	1	15640
8273	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ \pi^0 \bar{D}^0$	8272	1	15641
8274	$e^+e^- \to \rho^0 D^+ D^{*0} D_s^-$	8273	1	15642
8275	$e^+e^- \to \tau^+\nu_\tau \bar{K}^0 D^+ \bar{D}^{*-} D_0^{*-}$	1542	1	15643
8276	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+ K^* K^- K^- D^- D^{*+} \bar{D}^0$	8275	1	15644
8277	$e^+e^- \to \pi^-\rho^+\rho^-\eta\omega D^+ n \bar{\Sigma}_c^0$	8276	1	15645
8278	$e^+e^- \to \pi^0\pi^+\pi^- K^0 \bar{K}^* K^+ D^+ D^- D_s^{*-}$	8277	1	15646
8279	$e^+e^- \to \pi^+\pi^- \bar{K}^0 K^+ D^+ \bar{D}^{*-} \Delta^- \bar{n}$	1543	1	15647
8280	$e^+e^- \to \rho^0\rho^+ K^0 K^{*-} D^{*+} n \bar{\Xi}_c^-$	8279	1	15648
8281	$e^+e^- \to \pi^+\pi^+ D^0 D_s^- n \bar{\Sigma}_c^-$	8280	1	15649
8282	$e^+e^- \to \tau^+\nu_\tau D^+ D^- D_{s0}^{*-}$	8281	1	15650
8283	$e^+e^- \to e^-\bar{\nu}_e X_u^+ \pi^0 K^* \eta' J/\psi$	8282	1	15651
8284	$e^+e^- \to \rho^0\pi^-\rho^+\omega D^{*+} \bar{D}^{*-}$	8283	1	15652
8285	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+ D^- D_0^{*-}$	1544	1	15653
8286	$e^+e^- \to \pi^-\rho^+ D^+ D_2^{*-} D_s^+ n \bar{p}$	8285	1	15654
8287	$e^+e^- \to e^+\nu_e\pi^0 K^0 D^+ D^- \bar{D}^{*-}$	1545	1	15655
8288	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\eta D^+ \bar{D}^{*-}$	359	1	15656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8289	$e^+e^- \to \pi^0 K^+ D^- D_2^{*+} D^{*0} D_s^{*-}$	8288	1	15657
8290	$e^+e^- \to \pi^0 \rho^+ \omega\omega K^0 K^- D^+ D^-$	94	1	15658
8291	$e^+e^- \to K^{*+} K^{*-} D^+ D^- D^0 \bar{D}^0$	8290	1	15659
8292	$e^+e^- \to \omega K^+ \bar{D}^{*-} D^{*0} \Delta^0 \bar{\Sigma}_c^0$	8291	1	15660
8293	$e^+e^- \to \pi^0\pi^0\pi^-\pi^- \eta K^+ D^+ D^{*+} \bar{D}^{*-}$	8292	1	15661
8294	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\omega K^- D^- D^{*0}$	1548	1	15662
8295	$e^+e^- \to \pi^0\pi^0\rho^- D^+ D^- D_s^{*+}$	8294	1	15663
8296	$e^+e^- \to \rho^0\pi^-\omega D^{*+} \bar{D}^{*-} D_s^+$	1549	1	15664
8297	$e^+e^- \to \pi^0\pi^+\pi^-\eta \bar{K}^0 D^- \bar{D}^{*0} \Sigma^+ \bar{\Xi}^0$	8296	1	15665
8298	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- D^- \bar{D}^{*-} \bar{n}p$	8297	1	15666
8299	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^0 K^- D^+ D^{*0} D_s^{*-}$	8298	1	15667
8300	$e^+e^- \to \pi^+\rho^- K^* K^- D^+ D_2^{*-} D_s^{*+}$	8299	1	15668
8301	$e^+e^- \to \pi^0\pi^-\rho^+\eta D^{*+} \Sigma^{*0} \bar{\Xi}_c^-$	8300	1	15669
8302	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^+ D^{*+} D_s^{*-}$	361	1	15670
8303	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\rho^- K^{*+} D^{*+}\gamma$	8302	1	15671
8304	$e^+e^- \to \pi^0\pi^+\omega \bar{D}^{*-} D^{*0}$	8303	1	15672
8305	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^- K^{*+} D^+ \bar{D}^{*-} \Sigma^- \bar{\Sigma}^0$	8304	1	15673
8306	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^- D^{*+}$	8305	1	15674
8307	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega K^0 \bar{K}^0 \bar{D}^{*-} D^0$	1551	1	15675
8308	$e^+e^- \to \pi^- K^0 K^0 \bar{K}^0 D^- D^{*+} D^{*+}$	8307	1	15676
8309	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta D^+ \bar{D}^{*-}$	1552	1	15677
8310	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0 K^{*-} D^+ \bar{D}^{*-}$	8309	1	15678
8311	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 K^{*-} D^- D^{*+} \bar{p}\Delta^{++}$	8310	1	15679
8312	$e^+e^- \to \rho^0\rho^+\omega D^- D^{*+} \Sigma^- \bar{\Sigma}^0$	8311	1	15680
8313	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^0 \bar{K}^0 K^+ K^- D^+ D^- n\bar{n}$	8312	1	15681
8314	$e^+e^- \to \eta D^- \bar{D}^{*-} \bar{\Delta}^0 \Delta^+ D_{s1}'^+$	8313	1	15682
8315	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- D^- D^{*+} D_s^{*+}$	8314	1	15683
8316	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\omega \bar{K}^0 D^- D_s^{*+}$	8315	1	15684
8317	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^- D^+ D^+$	8316	1	15685
8318	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^- \bar{K}^0 K^+ K^+ D^{*+} \bar{D}^0$	8317	1	15686
8319	$e^+e^- \to \rho^+ \bar{K}^0 D^{*+} \bar{D}^{*-} D^0 D_s^{*-}$	362	1	15687
8320	$e^+e^- \to \rho^0\pi^+\pi^- D^+ \bar{D}^{*-} D_s^- \bar{n}p$	1554	1	15688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8321	$e^+e^- \to \pi^- D^{*+} \bar{D}^0 D_s^{*+} D_{s1}'^-$	8320	1	15689
8322	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^- D^+ D^0$	1555	1	15690
8323	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+ D^+ a_1^-$	8322	1	15691
8324	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	8323	1	15692
8325	$e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	8324	1	15693
8326	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+ D^0 D_s^{*-}$	8325	1	15694
8327	$e^+e^- \to \pi^+\pi^-\rho^+\eta\eta D^- p\bar{\Lambda}_c^-$	8326	1	15695
8328	$e^+e^- \to \pi^0\rho^+ D^+\bar{D}^{*-} D_s^{*-}$	8327	1	15696
8329	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^{*+} D_1'^-$	8328	1	15697
8330	$e^+e^- \to \pi^0\rho^+\rho^-\omega D^- D^{*+}$	8329	1	15698
8331	$e^+e^- \to \omega\bar{K}^0 K^* D^{*+}\bar{D}^{*-} J/\psi$	8330	1	15699
8332	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\bar{K}^0 D^-\bar{D}^{*-} D^{*0}$	8331	1	15700
8333	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 K^+ D^+ D^-$	8332	1	15701
8334	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-} D_2^{*+}$	8333	1	15702
8335	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^+ D^{*+}\bar{D}^{*-} D^0$	8334	1	15703
8336	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\rho^-\eta D^+ D^{*+}$	8335	1	15704
8337	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{D}^0 D_s^{*+}\bar{\Sigma}^+\Sigma^-$	8336	1	15705
8338	$e^+e^- \to \pi^0\pi^0\omega D^+ D^- n\bar{p} D_{s1}'^+$	8337	1	15706
8339	$e^+e^- \to \pi^+\pi^+\rho^-\eta\eta K^0 K^- D^- D^{*+} D^0$	8338	1	15707
8340	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{p}\Xi_c'^0$	8339	1	15708
8341	$e^+e^- \to \bar{K}^0 K^+ D^{*0}\bar{D}^{*0}\Lambda\bar{\Sigma}_c^-$	8340	1	15709
8342	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^- D^{*+} D^{*+}$	8341	1	15710
8343	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^+\bar{D}^{*-} D_s^-\gamma$	8342	1	15711
8344	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^+ D^+\bar{D}^{*-} D^{*0}$	8343	1	15712
8345	$e^+e^- \to \pi^-\rho^- K^+ D^{*+}\bar{D}^0 D^{*0}\gamma$	8344	1	15713
8346	$e^+e^- \to \pi^+\pi^-\rho^+ K^- D^+\bar{D}^{*-}\bar{D}^{*0}$	8345	1	15714
8347	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+ K^0 K^{*-}\bar{D}^{*-}\bar{D}^{*0}$	8346	1	15715
8348	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+ K^* K^- D^+\bar{D}^{*-}$	6	1	15716
8349	$e^+e^- \to \pi^0\pi^-\pi^- D^+ D^{*+}\bar{\Delta}^- n D_{s1}'^-$	8348	1	15717
8350	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$	8349	1	15718
8351	$e^+e^- \to \pi^+\pi^+\omega\omega K^* K^* K^- K^{*-} D^- D^{*+}$	8350	1	15719
8352	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^- K^* D^- D^{*+}$	8351	1	15720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8353	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{K}^0K^*D^-\bar{D}^{*-}D_s^+$	8352	1	15721
8354	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	8353	1	15722
8355	$e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\omega D^+p\bar{\Lambda}_c^-$	8354	1	15723
8356	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega K^0\bar{K}^*K^{*-}\eta' D^-$	8355	1	15724
8357	$e^+e^- \to \pi^0\rho^-\omega D^+D_s^-D_1'^+$	8356	1	15725
8358	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^*K^{*-}\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^{*+}$	8357	1	15726
8359	$e^+e^- \to \rho^+\rho^-D^+D^-n\bar{n}$	8358	1	15727
8360	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^{*+}\bar{D}^{*-}D_1^+$	8359	1	15728
8361	$e^+e^- \to \pi^0\pi^-K^{*+}D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	96	1	15729
8362	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^+$	8361	1	15730
8363	$e^+e^- \to \tau^+\nu_\tau\rho^0D_2^{*-}\bar{\Delta}^0\Sigma_c^0$	8362	1	15731
8364	$e^+e^- \to \rho^-\bar{K}^*K^+D^+D^-\eta_c$	8363	1	15732
8365	$e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^*\bar{D}^{*-}$	8364	1	15733
8366	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^-\bar{p}\Sigma_c^+$	8365	1	15734
8367	$e^+e^- \to \pi^0\pi^0\eta\omega D^{*+}\bar{D}^{*-}D^0$	8366	1	15735
8368	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^{*+}D_0^{*-}$	8367	1	15736
8369	$e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0}\bar{n}\Delta^0$	8368	1	15737
8370	$e^+e^- \to e^+\nu_e\pi^0\pi^-K^+K^-D^+D_1^-$	8369	1	15738
8371	$e^+e^- \to \pi^0K_L\pi^-\rho^+D^{*+}\bar{D}^{*-}\chi_{c1}$	8370	1	15739
8372	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+\rho^+\rho^-D^-D^{*+}$	8371	1	15740
8373	$e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}D_s^{*-}D_1^+$	8372	1	15741
8374	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^-\eta' D^-D^{*+}$	8373	1	15742
8375	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0\bar{D}^{*-}D_s^+D_s^-$	8374	1	15743
8376	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_s^{*-}D_1^+$	8375	1	15744
8377	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta\omega\eta' D^{*+}\bar{D}^{*-}$	8376	1	15745
8378	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\omega D^+D^-$	8377	1	15746
8379	$e^+e^- \to K_2^{*0}\bar{D}^{*-}D_s^+J/\psi$	8378	1	15747
8380	$e^+e^- \to \rho^-K^0K^+K^-D^{*+}D^0\bar{D}^{*0}$	8379	1	15748
8381	$e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}D^{*0}p\bar{p}$	8380	1	15749
8382	$e^+e^- \to \rho^0K^0K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0$	8381	1	15750
8383	$e^+e^- \to \pi^+\pi^-D^+D_2^{*-}D_s^-D_s^{*+}$	97	1	15751
8384	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-D^-D^{*0}$	8383	1	15752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8385	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}$	8384	1	15753
8386	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}\bar{D}^{*-}D_2^{*+}$	8385	1	15754
8387	$e^+e^- \to \pi^0\pi^-\eta\omega D^+p\bar{\Sigma}_c^-$	8386	1	15755
8388	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^+\Lambda_c^+$	1559	1	15756
8389	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega K^0\bar{K}^0K^-K^{*+}K^{*+}D^+$	8388	1	15757
8390	$e^+e^- \to \rho^0\pi^+\bar{K}^0K^{*+}K^{*-}\bar{D}^{*-}D^0\bar{D}^0$	8389	1	15758
8391	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-D^{*+}\bar{D}^0$	1560	1	15759
8392	$e^+e^- \to \pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	8391	1	15760
8393	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{K}^*K^{*+}D^+D^-$	8392	1	15761
8394	$e^+e^- \to \pi^-\rho^+\omega\bar{K}^0K^{*+}\bar{D}^{*-}n\bar{\Xi}_c'^0$	8393	1	15762
8395	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega K^*K^{*-}D^{*+}\bar{D}^{*0}$	8394	1	15763
8396	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega K^*D^+D_s^{*-}$	8395	1	15764
8397	$e^+e^- \to \pi^0\pi^-D^{*+}D_s^{*-}D_1^+$	8396	1	15765
8398	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta K^{*-}D^0D_1'^+$	8397	1	15766
8399	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0}$	8398	1	15767
8400	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-D^+D^-D^0D_s^{*-}$	8399	1	15768
8401	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^0$	8400	1	15769
8402	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}\bar{D}^{*-}$	8401	1	15770
8403	$e^+e^- \to \pi^0\eta\omega K^+K^{*+}D^-D^{*0}D_s^-$	8402	1	15771
8404	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^*K^{*+}D^-\Sigma^-\bar{\Xi}_c^0$	8403	1	15772
8405	$e^+e^- \to \pi^-\rho^+\bar{D}^{*-}p\bar{p}D_0^{*+}$	8404	1	15773
8406	$e^+e^- \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+$	1561	1	15774
8407	$e^+e^- \to \pi^+K_SK^-D^-D^{*+}\chi_{c1}$	8406	1	15775
8408	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+$	8407	1	15776
8409	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+\phi D^+D_s^{*-}\bar{p}\Delta^+$	8408	1	15777
8410	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\bar{K}^*K^+D^-D^{*+}$	8409	1	15778
8411	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+\eta'D^-D^{*+}$	8410	1	15779
8412	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^+\bar{D}^0\bar{\Delta}^+\Xi_c^{*0}$	1562	1	15780
8413	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Lambda\bar{\Xi}_c^-$	8412	1	15781
8414	$e^+e^- \to \rho^0\pi^-\omega K^-D^+D^{*+}\bar{D}^0$	8413	1	15782
8415	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	8414	1	15783
8416	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{D}^{*-}D^0$	8415	1	15784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8417	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}$	8416	1	15785
8418	$e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-K^{*+}K^{*-}D^+\bar{D}^{*-}$	366	1	15786
8419	$e^+e^- \to e^+\nu_e\bar{K}^*D^{*+}\bar{D}^{*-}D_0^{*-}$	1564	1	15787
8420	$e^+e^- \to \pi^0\rho^+\rho^-\omega\omega K^0\bar{K}^*D^+\bar{D}^{*-}$	8419	1	15788
8421	$e^+e^- \to \rho^0\pi^+\pi^+\eta'\bar{D}^{*-}D^0D_s^{*-}$	8420	1	15789
8422	$e^+e^- \to K^0K^0K^0K^{*-}D^+D^{*+}D_s^{*-}$	8421	1	15790
8423	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	8422	1	15791
8424	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^-D^{*+}D^{*+}$	8423	1	15792
8425	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_s^-\gamma$	8424	1	15793
8426	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	8425	1	15794
8427	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^{*0}D_1^-$	8426	1	15795
8428	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-K^0D^+\bar{D}^{*-}D^{*0}$	8427	1	15796
8429	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\eta K^+K^-D^+D^{*+}$	8428	1	15797
8430	$e^+e^- \to \mu^+\nu_\mu K^0K^-D^+\bar{D}^{*-}$	8429	1	15798
8431	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^-D^{*+}$	8430	1	15799
8432	$e^+e^- \to \rho^+\omega K^0\bar{K}^0D^+\bar{D}^{*-}n\bar{p}$	8431	1	15800
8433	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0$	8432	1	15801
8434	$e^+e^- \to e^+\nu_eK^-D^{*+}\bar{D}^{*0}D_1'^-$	8433	1	15802
8435	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta\omega\omega D^-D_1'^+$	8434	1	15803
8436	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^{*+}D_s^{*+}D_s^{*-}$	8435	1	15804
8437	$e^+e^- \to \pi^0D^+\bar{D}^0n\bar{n}\Lambda\bar{\Sigma}^-$	8436	1	15805
8438	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+}D_0^{*+}$	8437	1	15806
8439	$e^+e^- \to \pi^+\bar{K}^*\phi D^{*0}D_s^-\eta_c$	8438	1	15807
8440	$e^+e^- \to \rho^0\bar{K}^*K^+D^+\bar{D}^{*-}D_s^{*-}$	8439	1	15808
8441	$e^+e^- \to \pi^0\pi^0\pi^+K^-D^+D^-\bar{D}^{*-}D_s^{*+}$	8440	1	15809
8442	$e^+e^- \to D^-D^{*+}\bar{\Delta}^0\Delta^+a_1^-$	8441	1	15810
8443	$e^+e^- \to \mu^+\nu_\mu\rho^-D^-D^{*+}\gamma$	1565	1	15811
8444	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\omega K^-K^{*+}D^{*+}$	8443	1	15812
8445	$e^+e^- \to K_L\pi^-\pi^-\rho^+D^{*+}\eta_c$	98	1	15813
8446	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}\bar{D}^{*-}p\bar{p}$	8445	1	15814
8447	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D_2^{*+}\bar{D}^0$	8446	1	15815
8448	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_{s1}'^+$	8447	1	15816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8449	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^{*-}$	8448	1	15817
8450	$e^+e^- \to \pi^0\pi^+\pi^+\eta K^{*-}\bar{D}^{*-}\eta_c$	8449	1	15818
8451	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-D^+D^-$	8450	1	15819
8452	$e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^+D^{*0}\bar{D}^{*0}$	8451	1	15820
8453	$e^+e^- \to \pi^0\pi^0\rho^+\eta\eta K^-K^-D^0D_s^+$	8452	1	15821
8454	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	8453	1	15822
8455	$e^+e^- \to \pi^0\rho^-D^{*+}D_2^{*-}D_s^{*+}$	8454	1	15823
8456	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^0\bar{D}^{*0}$	8455	1	15824
8457	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}D_2^{*+}$	8456	1	15825
8458	$e^+e^- \to \pi^0\pi^0\eta\eta' D^{*+}p\bar{\Lambda}_c^-D_{s1}'^-$	8457	1	15826
8459	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega\bar{D}^{*-}D_2^{*+}$	8458	1	15827
8460	$e^+e^- \to \pi^0\rho^0\rho^-K^0\bar{K}^*\eta' D^+n\bar{\Sigma}_c^{*0}$	8459	1	15828
8461	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	8460	1	15829
8462	$e^+e^- \to \rho^+K^0K^-D^-D^{*+}D^0\bar{D}^{*0}$	8461	1	15830
8463	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+}a_1^-$	8462	1	15831
8464	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0K^0K^*\bar{K}^*D^0p\bar{\Lambda}_c^-$	8463	1	15832
8465	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+\Delta^0\bar{\Omega}_c^{*0}$	8464	1	15833
8466	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+}$	368	1	15834
8467	$e^+e^- \to \pi^-\eta\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}$	8466	1	15835
8468	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-$	8467	1	15836
8469	$e^+e^- \to \bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	8468	1	15837
8470	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+}$	8469	1	15838
8471	$e^+e^- \to \pi^0D_2^{*+}D_s^-n\bar{\Sigma}_c^0$	8470	1	15839
8472	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^-D^{*+}\bar{D}^{*0}\chi_{c1}$	8471	1	15840
8473	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0D^0D^{*0}$	8472	1	15841
8474	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{D}^{*-}\chi_{c2}$	8473	1	15842
8475	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}$	8474	1	15843
8476	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^{*+}\Sigma^0\bar{\Sigma}^-$	8475	1	15844
8477	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	8476	1	15845
8478	$e^+e^- \to \rho^+D^+D^-\Delta^-\bar{n}\gamma$	8477	1	15846
8479	$e^+e^- \to \pi^0\rho^0\rho^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-}$	8478	1	15847
8480	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+}$	8479	1	15848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8481	$e^+e^- \to \pi^+\pi^-\rho^+D^{*+}D^{*+}n\bar{\Delta}^{++}\Sigma^-\bar{\Lambda}$	8480	1	15849
8482	$e^+e^- \to \pi^0\pi^-\pi^-\omega D^+D^{*+}\Sigma^0\bar{\Sigma}^0$	8481	1	15850
8483	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D_1^+$	8482	1	15851
8484	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}$	8483	1	15852
8485	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}D_0^{*-}$	8484	1	15853
8486	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\rho^-\eta D^+D^{*+}$	8485	1	15854
8487	$e^+e^- \to e^-\bar{\nu}_eK^*D^+\psi'$	8486	1	15855
8488	$e^+e^- \to \pi^0\rho^-\eta\eta\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*++}$	8487	1	15856
8489	$e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D_{s0}^{*+}$	8488	1	15857
8490	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}D_s^+D_s^-$	8489	1	15858
8491	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^-D^{*+}$	8490	1	15859
8492	$e^+e^- \to K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	8491	1	15860
8493	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+D^{*+}D^0\bar{D}^{*0}$	8492	1	15861
8494	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta D^+D^0$	8493	1	15862
8495	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{K}^0D^-D^{*0}$	8494	1	15863
8496	$e^+e^- \to \pi^0K^0K^*D^+\bar{D}^{*-}D^0\bar{D}^0$	8495	1	15864
8497	$e^+e^- \to \pi^0\pi^+\eta K^0K^-D^{*+}\bar{D}^{*-}$	8496	1	15865
8498	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^{*+}D^+D_s^{*-}$	8497	1	15866
8499	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^{*+}D^{*+}D_s^-$	8498	1	15867
8500	$e^+e^- \to \pi^0K^0D^{*+}D_{s1}'^-\psi(3770)$	8499	1	15868
8501	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\eta K^+D^{*+}D_s^{*-}$	8500	1	15869
8502	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\omega K^-\bar{D}^{*-}D^0\bar{D}^{*0}$	8501	1	15870
8503	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega\bar{D}^{*-}D^{*0}$	8502	1	15871
8504	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-$	8503	1	15872
8505	$e^+e^- \to \pi^0\pi^-\eta K^*\eta' D^+D^+\bar{D}^{*-}$	8504	1	15873
8506	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^0D_s^+n\bar{p}$	1568	1	15874
8507	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	8506	1	15875
8508	$e^+e^- \to e^-\bar{\nu}_e\rho^-D_2^{*+}\Delta^+\bar{\Xi}_c^{*0}$	1569	1	15876
8509	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^{*+}\eta_c$	8508	1	15877
8510	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+\eta D^+D^+$	8509	1	15878
8511	$e^+e^- \to \mu^+\nu_\mu K^0\bar{K}^0D^+D_s^-D_1'^-$	8510	1	15879
8512	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^-D^{*+}D^{*+}$	8511	1	15880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8513	$e^+e^- \to \pi^+\eta\omega\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	8512	1	15881
8514	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta\omega\bar{K}^0K^+K^-K^-D^-\bar{D}^0D_s^+$	8513	1	15882
8515	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^{*-}D^-D^0D_{s1}'^+$	8514	1	15883
8516	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	8515	1	15884
8517	$e^+e^- \to \eta K^0\bar{K}^0D^+D^-\bar{D}^0D^{*0}$	8516	1	15885
8518	$e^+e^- \to \pi^-\omega\omega\bar{K}^0D^{*+}\bar{\Delta}^+\Sigma_c^{*+}$	8517	1	15886
8519	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^{*+}n\bar{\Sigma}_c^-$	1570	1	15887
8520	$e^+e^- \to \pi^0\pi^+\omega\omega K^*K^-K^-D^+\chi_{c1}$	8519	1	15888
8521	$e^+e^- \to \pi^0\eta\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma_c^0$	8520	1	15889
8522	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}\bar{D}^{*-}D^{*0}$	8521	1	15890
8523	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	8522	1	15891
8524	$e^+e^- \to \pi^0\bar{K}^*K^-D^{*+}\bar{\Sigma}^-\Xi_c^+$	1571	1	15892
8525	$e^+e^- \to \pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D^{*0}$	8524	1	15893
8526	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^+D^+n\bar{n}$	8525	1	15894
8527	$e^+e^- \to \pi^+\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	1572	1	15895
8528	$e^+e^- \to \pi^0\pi^0\rho^-\eta D^+\bar{D}^0\bar{p}\Delta^+$	8527	1	15896
8529	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^*K^{*+}D^-D^{*+}$	8528	1	15897
8530	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\omega D^+D^{*+}$	8529	1	15898
8531	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	8530	1	15899
8532	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^*K^{*-}D^{*+}D_0^{*+}$	1573	1	15900
8533	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+D^-\bar{\Delta}^+\Sigma^{*+}$	1574	1	15901
8534	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-D^{*+}D^{*+}\Sigma^+\bar{\Sigma}^-$	8533	1	15902
8535	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^{*+}\bar{\Delta}^+\Sigma_c^{*0}$	8534	1	15903
8536	$e^+e^- \to \rho^0\eta\eta D^0p\bar{\Lambda}_c^-$	8535	1	15904
8537	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+K^+K^-D^{*+}\bar{D}^{*-}$	8536	1	15905
8538	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+D_s^-D_1'^-$	8537	1	15906
8539	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	8538	1	15907
8540	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}\bar{\Delta}^0\Lambda_c^+$	8539	1	15908
8541	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^+D^-\bar{D}^{*0}$	369	1	15909
8542	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta D^-D_2^{*+}$	8541	1	15910
8543	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\bar{K}^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	8542	1	15911
8544	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^+\chi_{c0}$	8543	1	15912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8545	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-}$	8544	1	15913
8546	$e^+e^- \to e^+\nu_e\omega D^-\bar{p}\Lambda_c^+$	8545	1	15914
8547	$e^+e^- \to \rho^+D^+\bar{D}^{*-}D_{s1}'^-$	8546	1	15915
8548	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+D^-$	8547	1	15916
8549	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega\bar{K}^*K^+K^-D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	8548	1	15917
8550	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	8549	1	15918
8551	$e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}D^{*0}$	8550	1	15919
8552	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\Sigma^0\bar{\Xi}_c^{*0}$	8551	1	15920
8553	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-D^{*+}\bar{D}^{*-}\bar{n}p$	8552	1	15921
8554	$e^+e^- \to \pi^-\eta\omega\omega\bar{K}^*K^{*+}D^+D^-$	370	1	15922
8555	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-\omega\bar{K}^*K^+D^+D^{*+}$	371	1	15923
8556	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-D^+D_2^{*-}$	8555	1	15924
8557	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+K^-K^{*+}K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	8556	1	15925
8558	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^0n\bar{n}$	8557	1	15926
8559	$e^+e^- \to \pi^0\pi^0\rho^0\omega\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}$	8558	1	15927
8560	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^-D^+D^0\bar{D}^0D_s^-$	8559	1	15928
8561	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^+\rho^-D^+D^-$	372	1	15929
8562	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^*D^-D^{*0}\Delta^-\bar{\Sigma}_c^0$	8561	1	15930
8563	$e^+e^- \to \rho^+D^-D^-a_1^+$	8562	1	15931
8564	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-D^-D_1^+$	8563	1	15932
8565	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+K^-D^{*+}\bar{D}^{*0}$	8564	1	15933
8566	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^-D^0D_s^+$	1579	1	15934
8567	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^{*+}D^{*0}\Lambda\bar{\Sigma}^-$	8566	1	15935
8568	$e^+e^- \to e^+\nu_eX_u^-\pi^+\pi^-\bar{p}\Lambda_c^+$	8567	1	15936
8569	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^0\bar{K}^*D_2^{*+}J/\psi$	8568	1	15937
8570	$e^+e^- \to \omega D^+D^-D_s^{*-}\bar{n}p$	8569	1	15938
8571	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\Delta^0\bar{\Sigma}_c^-$	8570	1	15939
8572	$e^+e^- \to \rho^0D^+D^0D_s^{*-}$	1580	1	15940
8573	$e^+e^- \to e^+\nu_e\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	1581	1	15941
8574	$e^+e^- \to e^+\nu_e\rho^-\eta\omega D^+D^-$	8573	1	15942
8575	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-D^+\bar{D}^{*-}n\bar{n}$	8574	1	15943
8576	$e^+e^- \to \rho^-\omega K^{*+}D^{*0}J/\psi$	8575	1	15944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8577	$e^+e^- \to \pi^-\pi^-\rho^+D^+\bar{D}^{*0}\bar{p}\Delta^+$	8576	1	15945
8578	$e^+e^- \to \pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}a_1^+$	1582	1	15946
8579	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^{*+}\Delta^0\bar{p}$	8578	1	15947
8580	$e^+e^- \to e^+\nu_e\bar{K}^*K^-D^{*+}D_0^{*-}$	8579	1	15948
8581	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	8580	1	15949
8582	$e^+e^- \to e^+\nu_e\rho^-K^-D^{*+}\bar{D}^0$	8581	1	15950
8583	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0K^{*+}D^+D_s^-p\bar{p}$	8582	1	15951
8584	$e^+e^- \to \rho^0\pi^+\rho^-\omega\omega D^+\bar{D}^{*-}$	8583	1	15952
8585	$e^+e^- \to \pi^-\rho^+\eta\bar{K}^0D^+D^0\Delta^-\bar{n}$	8584	1	15953
8586	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta K^0K^-\bar{D}^{*0}$	8585	1	15954
8587	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\omega\omega D^+D^-$	8586	1	15955
8588	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D_2^{*+}\bar{D}^0D_s^{*-}$	8587	1	15956
8589	$e^+e^- \to \pi^+\pi^-\rho^-\eta\eta\omega\bar{K}^*K^{*+}D^+D^-$	8588	1	15957
8590	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^-D^{*+}$	8589	1	15958
8591	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^{*0}$	8590	1	15959
8592	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}D^0$	8591	1	15960
8593	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	8592	1	15961
8594	$e^+e^- \to \bar{D}^{*-}D_s^{*+}\bar{\Delta}^-\Delta^0D_1'^-$	8593	1	15962
8595	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0K^0K^{*-}D^{*+}D_0^{*+}$	8594	1	15963
8596	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^*\bar{K}^*D^-D^{*0}\bar{n}\Sigma^{*0}$	8595	1	15964
8597	$e^+e^- \to \rho^0\pi^+\pi^-\eta\eta K^+K^{*-}D^{*+}\bar{D}^{*-}$	1583	1	15965
8598	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^{*+}D^+D^{*0}\bar{D}^{*0}$	8597	1	15966
8599	$e^+e^- \to \pi^-\bar{K}^0K^+K^-D^{*+}D_s^-\Delta^0\bar{\Sigma}^+$	8598	1	15967
8600	$e^+e^- \to \pi^0\pi^0K^0D^{*+}D_s^-D_s^{*+}D_s^{*-}$	8599	1	15968
8601	$e^+e^- \to \rho^0\pi^+\eta\bar{D}^0D^{*0}D_s^{*-}$	8600	1	15969
8602	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0D^+D^-\bar{D}^{*-}$	1584	1	15970
8603	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0$	8602	1	15971
8604	$e^+e^- \to \pi^0\pi^-D^0\bar{D}^0D_s^{*+}p\bar{\Delta}^+$	8603	1	15972
8605	$e^+e^- \to \pi^0\pi^-D^+\bar{D}^{*-}D_{s1}'^+$	8604	1	15973
8606	$e^+e^- \to \eta K^0\bar{K}^0D^+D^-\Delta^0\bar{\Sigma}_c^0$	8605	1	15974
8607	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^+K^-D^{*+}\bar{D}^{*-}$	8606	1	15975
8608	$e^+e^- \to \pi^-K_SD^+\chi_{c1}$	8607	1	15976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8609	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^-K^{*+}D^-D^{*+}$	8608	1	15977
8610	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	8609	1	15978
8611	$e^+e^- \to \rho^0\pi^-K^+D^-D^{*+}D^{*+}n\bar{p}$	1585	1	15979
8612	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^0p\bar{\Delta}^+$	8611	1	15980
8613	$e^+e^- \to \rho^0\omega\eta'\bar{D}^{*-}D_{s1}'^+$	8612	1	15981
8614	$e^+e^- \to \pi^0\pi^0\pi^+K^0K^+K^-D^-D^-D^{*+}$	8613	1	15982
8615	$e^+e^- \to \pi^+\pi^-D^-D_s^{*+}\eta_c\bar{n}\Lambda$	8614	1	15983
8616	$e^+e^- \to \pi^0\pi^+K^0K^0\bar{K}^0K^{*-}D^+D^-$	1586	1	15984
8617	$e^+e^- \to \rho^-K^+D^+D^-D^0\bar{p}\Delta^+$	8616	1	15985
8618	$e^+e^- \to \bar{K}^0K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	1587	1	15986
8619	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\bar{K}^0D^+D^-$	8618	1	15987
8620	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\omega D^+\bar{D}^{*-}$	8619	1	15988
8621	$e^+e^- \to e^+\nu_e\pi^0\pi^+\omega\omega K^0\bar{K}^0K^+K^-K^-D^-$	8620	1	15989
8622	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega D^-D^0D_s^{*+}$	8621	1	15990
8623	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^{*0}\bar{D}^{*0}D_s^{*-}$	8622	1	15991
8624	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta K^0K^-\eta'D^{*+}$	8623	1	15992
8625	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^+\rho^-\rho^-D^+D^-$	8624	1	15993
8626	$e^+e^- \to \pi^0\bar{K}^0K^-D^{*+}\bar{D}^{*0}J/\psi$	8625	1	15994
8627	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^+\bar{D}^{*-}$	8626	1	15995
8628	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^-D^-\bar{\Delta}^0\Sigma_c^+$	8627	1	15996
8629	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Delta}^+$	8628	1	15997
8630	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+\gamma$	8629	1	15998
8631	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\omega K^0D^+D^0\bar{D}^{*0}$	8630	1	15999
8632	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^+D_{s1}'^-$	8631	1	16000
8633	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^-D^{*+}D^{*0}\Sigma^0\bar{\Xi}^0$	8632	1	16001
8634	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega K^0\bar{K}^0K^*K^-D^-D^{*+}$	8633	1	16002
8635	$e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}\bar{D}^0D_s^-$	8634	1	16003
8636	$e^+e^- \to \pi^-\eta\eta'D^+D^-D_{s1}'^+$	1588	1	16004
8637	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}p\bar{\Delta}^+$	8636	1	16005
8638	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^*D^{*+}\bar{D}^{*-}D^0$	8637	1	16006
8639	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega D^+\bar{D}^{*-}$	8638	1	16007
8640	$e^+e^- \to \rho^-\eta\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	8639	1	16008

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8641	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+D^-\bar{\Lambda}\Sigma^{*+}$	8640	1	16009
8642	$e^+e^- \to \pi^-\pi^-K^+K^-K^{*+}D^+J/\psi$	8641	1	16010
8643	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-K^0\bar{D}^0D_1^+$	8642	1	16011
8644	$e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}\gamma$	8643	1	16012
8645	$e^+e^- \to \pi^0\rho^0\omega K^-D^{*+}D^0\bar{D}^{*0}$	8644	1	16013
8646	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0\bar{K}^*K^+\phi D^{*+}$	8645	1	16014
8647	$e^+e^- \to \rho^+\rho^-\omega D^-D^{*0}D_s^+$	8646	1	16015
8648	$e^+e^- \to K^0D^{*0}D_s^-D_s^{*+}\bar{\Delta}^0\Sigma^0$	8647	1	16016
8649	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^-D^{*+}$	8648	1	16017
8650	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\eta K^-D^-D^{*0}$	8649	1	16018
8651	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega n\bar{\Sigma}_c^0D_1'^+$	8650	1	16019
8652	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\eta\omega D^-D^{*+}$	8651	1	16020
8653	$e^+e^- \to \bar{K}^*K^+D^+D^-D_s^-$	8652	1	16021
8654	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^+D^{*+}D_s^-$	8653	1	16022
8655	$e^+e^- \to \rho^+D^{*+}n\bar{p}\bar{p}\Sigma_c^0$	1589	1	16023
8656	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^0\bar{K}^0\eta'D^+D^{*+}$	8655	1	16024
8657	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0D^-D^{*+}D_1^-$	8656	1	16025
8658	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^+D^-$	373	1	16026
8659	$e^+e^- \to \pi^+\omega K^+D^+\bar{D}^{*-}D^{*0}n\bar{\Delta}^{++}$	1591	1	16027
8660	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega D^+D^-D_s^-$	8659	1	16028
8661	$e^+e^- \to \eta\eta\bar{K}^0K^+\phi D^{*+}\bar{D}^{*-}D_s^-$	8660	1	16029
8662	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\omega K^0D^+D^+D_s^-$	8661	1	16030
8663	$e^+e^- \to \pi^-K^0K^+K^-D^{*+}D^{*+}\bar{D}^{*-}$	8662	1	16031
8664	$e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{K}^0K^*D^-D^0$	1592	1	16032
8665	$e^+e^- \to \pi^+\pi^-\pi^-K^+D^+D^+\bar{D}^{*-}D_{s1}'^-$	8664	1	16033
8666	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}n\bar{n}D_1^+$	8665	1	16034
8667	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0D^{*+}\eta_c$	8666	1	16035
8668	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-K^0D^-D^{*+}$	8667	1	16036
8669	$e^+e^- \to \pi^+K^0\bar{K}^*D^+D^-D_s^{*-}$	8668	1	16037
8670	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0K^{*-}D^+\bar{D}^{*-}$	8669	1	16038
8671	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*-}$	8670	1	16039
8672	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*0}\Delta^0\bar{\Sigma}^{*0}D_1^+$	8671	1	16040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8673	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	8672	1	16041
8674	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\phi D^{*+}D_1^+$	8673	1	16042
8675	$e^+e^- \to \pi^0\pi^-\pi^-D^+D^{*+}\bar{D}^0 n\bar{n}$	8674	1	16043
8676	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\eta D^{*+}D_1'^-$	8675	1	16044
8677	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+D^-D_s^-$	8676	1	16045
8678	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^-D^{*+}\bar{n}p$	8677	1	16046
8679	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^-D^+D^-\bar{D}^{*0}D_s^{*+}$	8678	1	16047
8680	$e^+e^- \to e^+\nu_e\rho^0\bar{K}^0K^{*+}D^-D_0^{*-}$	8679	1	16048
8681	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^0$	8680	1	16049
8682	$e^+e^- \to \pi^0\pi^0\pi^-K^0D^+D^0\bar{D}^{*0}$	8681	1	16050
8683	$e^+e^- \to \rho^+\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^-\gamma$	8682	1	16051
8684	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+D_1^-$	8683	1	16052
8685	$e^+e^- \to \rho^0\rho^+\rho^+\rho^-\rho^-\omega D^+D^-$	1593	1	16053
8686	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\eta\omega D^-\bar{D}^{*-}$	8685	1	16054
8687	$e^+e^- \to e^+\nu_e\pi^-\omega\bar{K}^0K^*D^+\bar{D}^{*-}$	8686	1	16055
8688	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-K^+D^0\bar{D}^0$	8687	1	16056
8689	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}$	8688	1	16057
8690	$e^+e^- \to \pi^0\bar{K}^0K^*D^{*0}D_s^-D_s^{*+}$	8689	1	16058
8691	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^0D^+D^{*+}\bar{D}^{*-}$	8690	1	16059
8692	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\bar{D}^{*-}a_0^-$	8691	1	16060
8693	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+K^+K^+K^-D^{*+}D^{*+}D_s^{*-}$	8692	1	16061
8694	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega K^0D^{*+}D_s^-$	8693	1	16062
8695	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\rho^-\rho^-\omega D^+$	8694	1	16063
8696	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta D^+D^{*+}$	8695	1	16064
8697	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\eta\omega D^-D^-$	374	1	16065
8698	$e^+e^- \to \pi^0D_2^{*-}D_s^{*+}\bar{\Delta}^+\Sigma_c^+$	8697	1	16066
8699	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+D_s^+D_1^-$	1595	1	16067
8700	$e^+e^- \to \pi^0\rho^0\eta K^0K^{*-}D^+\bar{D}^0$	8699	1	16068
8701	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\omega D^-D_0^{*+}$	1596	1	16069
8702	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\eta K^-D^{*+}D^0$	8701	1	16070
8703	$e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma^+$	8702	1	16071
8704	$e^+e^- \to \pi^0K^0K^-D^+D^-D^{*+}\bar{D}^0$	1597	1	16072

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8705	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\bar{K}^0K^*K^+D^{*+}$	8704	1	16073
8706	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^+D^{*+}$	1598	1	16074
8707	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^{*0}D_s^+D_s^-$	8706	1	16075
8708	$e^+e^- \to \pi^+D^-D^{*+}\Delta^0\bar{\Delta}^+\Sigma^0\bar{\Sigma}^0$	8707	1	16076
8709	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\rho^-\rho^-\omega\omega D^{*+}D^{*+}$	8708	1	16077
8710	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-D^-$	8709	1	16078
8711	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	8710	1	16079
8712	$e^+e^- \to \pi^0\rho^0K^*K^+K^-D^+\bar{D}^{*-}D^{*0}$	8711	1	16080
8713	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\rho^-D^{*+}$	8712	1	16081
8714	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-D^{*+}\bar{\Delta}^-\Delta^-$	8713	1	16082
8715	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$	1599	1	16083
8716	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^+D^+D^-$	8715	1	16084
8717	$e^+e^- \to e^+\nu_e\eta\omega\omega\omega\bar{K}^0D^-D^0$	8716	1	16085
8718	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+D^-\bar{D}^{*-}\bar{n}p$	8717	1	16086
8719	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^0D_s^{*-}p\bar{\Sigma}^0$	8718	1	16087
8720	$e^+e^- \to \rho^0\pi^-\bar{K}^0D^{*+}D_s^{*+}D_1'^-$	8719	1	16088
8721	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\rho^-D^+D^-$	8720	1	16089
8722	$e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^0D_s^-$	8721	1	16090
8723	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega\bar{D}^0D_1^+$	8722	1	16091
8724	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^*D^-D^-D^{*+}$	8723	1	16092
8725	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-K^*K^{*-}D^{*+}D_1^-$	8724	1	16093
8726	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	8725	1	16094
8727	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D_s^+$	8726	1	16095
8728	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D_s^-\Delta^0\bar{\Sigma}^+$	8727	1	16096
8729	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^*K^-D^+\Delta^0\bar{\Sigma}_c^-$	8728	1	16097
8730	$e^+e^- \to \bar{K}^0\phi D_2^{*-}D_s^+\eta_c$	8729	1	16098
8731	$e^+e^- \to e^+\nu_e\rho^+D^-\bar{D}^{*-}D^{*0}$	8730	1	16099
8732	$e^+e^- \to e^+\nu_eD^-K_1^0\psi'$	8731	1	16100
8733	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+K^0K^-D^+\bar{D}^{*-}$	8732	1	16101
8734	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}D_{s0}^{*+}$	1600	1	16102
8735	$e^+e^- \to \bar{K}^*K^+D^-D^{*+}n\bar{\Delta}^+$	8734	1	16103
8736	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}\bar{n}p$	8735	1	16104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8737	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}$	8736	1	16105
8738	$e^+e^- \to \mu^+\nu_\mu D^-D^0n\bar{n}$	8737	1	16106
8739	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^0D^{*+}J/\psi p\bar{p}$	8738	1	16107
8740	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*K^+K^-K^{*-}D^+\bar{D}^{*-}$	8739	1	16108
8741	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-D^+D^-$	8740	1	16109
8742	$e^+e^- \to \pi^+\rho^-K^{*+}D^+\bar{D}^{*-}D_{s0}^{*-}$	8741	1	16110
8743	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0D^{*+}D^0\bar{D}^0$	8742	1	16111
8744	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega K^-K^{*+}\phi D^+\bar{D}^{*-}$	8743	1	16112
8745	$e^+e^- \to \pi^-D_2^{*-}D_s^+\bar{\Delta}^0\Lambda_c^+\gamma$	8744	1	16113
8746	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\bar{D}^{*-}\bar{D}^{*0}$	8745	1	16114
8747	$e^+e^- \to \pi^+\pi^-\rho^+K^-D^-D^{*+}\bar{D}^0$	8746	1	16115
8748	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0$	8747	1	16116
8749	$e^+e^- \to \mu^+\nu_\mu\pi^-D^+n\bar{n}D_1'^-$	8748	1	16117
8750	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^+K^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	8749	1	16118
8751	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\eta'\bar{D}^{*-}D^0$	8750	1	16119
8752	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega K^0\bar{K}^0K^+D^{*+}\bar{D}^0$	8751	1	16120
8753	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*\bar{D}^0D^{*0}\bar{D}^{*0}$	8752	1	16121
8754	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^-\omega D^+D^{*+}$	8753	1	16122
8755	$e^+e^- \to \rho^+\eta K^0K^-D^-D^{*+}D^0$	8754	1	16123
8756	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega K^0\bar{K}^0D^-D^{*0}D_s^+$	8755	1	16124
8757	$e^+e^- \to \tau^+\nu_\tau\pi^0D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	8756	1	16125
8758	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta K^{*+}\eta'D^{*+}D_s^{*-}$	8757	1	16126
8759	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^{*+}K_0^0$	8758	1	16127
8760	$e^+e^- \to \rho^0\rho^+K^{*-}D^-D^{*+}\bar{D}^0$	8759	1	16128
8761	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^{*-}D^{*+}\bar{D}^0D^{*0}$	8760	1	16129
8762	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0D^{*0}$	8761	1	16130
8763	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0}$	1601	1	16131
8764	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^-D_2^{*+}$	8763	1	16132
8765	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^0$	8764	1	16133
8766	$e^+e^- \to \pi^0\pi^+K^-D^-n\bar{n}\bar{\Lambda}\Xi_c'^+$	1602	1	16134
8767	$e^+e^- \to \pi^0\pi^0\pi^-D^+\bar{D}^{*0}D_s^+D_s^-$	8766	1	16135
8768	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^0K^-K^{*+}D^{*+}\chi_{c1}$	8767	1	16136

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8769	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^+ D_0^{*+}$	8768	1	16137
8770	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta D^+\Delta^0\bar{\Sigma}_c^0$	8769	1	16138
8771	$e^+e^- \to \pi^0 K^- D^+ D^- \bar{D}^{*0} D_s^+$	1603	1	16139
8772	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^- D^{*+} n\bar{p}$	8771	1	16140
8773	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^* K^- D^+ \bar{D}^{*-}$	99	1	16141
8774	$e^+e^- \to \pi^-\rho^-\bar{K}^0\bar{K}^0 K^{*+} D^+ \bar{D}^0$	8773	1	16142
8775	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0 K^+ K^- D^+ \bar{D}^{*-}$	8774	1	16143
8776	$e^+e^- \to \pi^0\rho^+\eta\omega\omega D^- D^0$	8775	1	16144
8777	$e^+e^- \to \omega D^{*+}\bar{D}^{*0} D_{s0}^{*-}$	8776	1	16145
8778	$e^+e^- \to \rho^+\eta\omega D^- D^{*0}\bar{D}^{*0}$	8777	1	16146
8779	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0 K^* K^- D^+ \bar{D}^{*-}\bar{D}^{*0}$	8778	1	16147
8780	$e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^0 D^+ D^- n\bar{\Lambda}$	8779	1	16148
8781	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega D^- D^{*+} D_s^{*+}$	8780	1	16149
8782	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0 D^{*+}\bar{D}^0 D_s^{*+}$	8781	1	16150
8783	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0 K^* D^- D^{*+}\Delta^0\bar{\Delta}^+$	8782	1	16151
8784	$e^+e^- \to \pi^0\pi^-\omega K^- D^+ D^+ \bar{D}^{*0}$	8783	1	16152
8785	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^* K^{*-} D^- D^{*+}$	1605	1	16153
8786	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^- K^+ D^+ D^+ \bar{D}^{*0}$	8785	1	16154
8787	$e^+e^- \to \pi^0\pi^+\eta\omega\omega\bar{K}^0 K^+ D^- \bar{D}^{*-}$	8786	1	16155
8788	$e^+e^- \to e^+\nu_e\pi^-\eta\omega\eta' D^+ D^-$	8787	1	16156
8789	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	8788	1	16157
8790	$e^+e^- \to \pi^0 K^0 K^{*-} D^+ D^{*+} D_s^{*-}\gamma$	8789	1	16158
8791	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau\eta D^+ D^{*+}$	8790	1	16159
8792	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^-\bar{D}^0 D_s^+$	8791	1	16160
8793	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\omega K^+ K^-\bar{D}^{*-} D^{*0}$	8792	1	16161
8794	$e^+e^- \to e^+\nu_e\pi^+\pi^- K^0\bar{K}^* K^{*-} D^+ D^-$	8793	1	16162
8795	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\omega K^+ D^+ D^{*0}$	8794	1	16163
8796	$e^+e^- \to \pi^0 K^0 K^* K^{*-}\phi D^+ D^{*0}\bar{D}^{*0}$	8795	1	16164
8797	$e^+e^- \to \pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	1606	1	16165
8798	$e^+e^- \to e^+\nu_e\eta D^- D^{*+} D_{s1}'^-$	8797	1	16166
8799	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0\bar{D}^{*-}\chi_{c1}$	8798	1	16167
8800	$e^+e^- \to \rho^0\pi^- K^* K^*\bar{K}^* D^{*+}\psi'$	8799	1	16168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8801	$e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{p}\Delta^+$	8800	1	16169
8802	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega\eta' D^+\bar{D}^{*-}$	8801	1	16170
8803	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+\bar{D}^{*-}$	8802	1	16171
8804	$e^+e^- \to \pi^0\pi^0\bar{K}^* D^- D^{*0}\bar{D}^{*0}D_s^{*+}$	8803	1	16172
8805	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}D^0\bar{D}^{*0}$	8804	1	16173
8806	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	8805	1	16174
8807	$e^+e^- \to \pi^+\pi^-\pi^- D^- D^{*+}\bar{n}p$	8806	1	16175
8808	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+\bar{D}^0$	100	1	16176
8809	$e^+e^- \to \mu^+\nu_\mu J/\psi\bar{K}_1^0 D_0^{*-}$	8808	1	16177
8810	$e^+e^- \to \bar{K}^0K^+K^{*+}D^- p\bar{\Sigma}_c^{--}$	8809	1	16178
8811	$e^+e^- \to \rho^- K^*\eta_c\bar{p}\Sigma_c^{++}$	8810	1	16179
8812	$e^+e^- \to \pi^+\eta\bar{D}^{*-}D_2^{*+}D_s^-$	1608	1	16180
8813	$e^+e^- \to \pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	8812	1	16181
8814	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta K^0K^+K^-D^{*+}\bar{D}^0$	8813	1	16182
8815	$e^+e^- \to \pi^0\pi^0\rho^- D^{*+}D_s^{*-}\bar{n}p$	8814	1	16183
8816	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta D^- D^{*+}$	8815	1	16184
8817	$e^+e^- \to K^0K^0\bar{K}^* D^{*+}a_1^-$	8816	1	16185
8818	$e^+e^- \to \rho^0\pi^-\bar{D}^0D_s^{*+}p\bar{\Xi}_c'^-$	8817	1	16186
8819	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^+\bar{D}^{*-}$	8818	1	16187
8820	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^- D^{*+}\bar{D}^{*-}$	1609	1	16188
8821	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}a_1^-$	8820	1	16189
8822	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta\omega D^-$	1610	1	16190
8823	$e^+e^- \to \pi^0\rho^- K^0K^*\bar{K}^* D^+D^+\bar{D}^{*-}$	8822	1	16191
8824	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0D^- D^{*+}\bar{D}^0D_s^{*+}$	8823	1	16192
8825	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{D}^{*-}D_2^{*+}\bar{\Delta}^-\Delta^-$	8824	1	16193
8826	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0D^+n\bar{\Lambda}$	8825	1	16194
8827	$e^+e^- \to \pi^-\bar{K}^* D^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	8826	1	16195
8828	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^* K^{*+}D^+D^- n\bar{p}$	8827	1	16196
8829	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega K^0\bar{K}^* D^+\bar{D}^{*-}$	8828	1	16197
8830	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}$	1611	1	16198
8831	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*-}$	8830	1	16199
8832	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+K^*\bar{D}^{*-}\bar{\Sigma}^-\Xi^0$	8831	1	16200

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8833	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\omega K^*D^-D_1^+$	8832	1	16201
8834	$e^+e^- \to \rho^-D^+D_s^-p\bar{\Sigma}_c^0\gamma$	8833	1	16202
8835	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^+K^-K^-D^{*+}D^{*+}a_1^-$	1612	1	16203
8836	$e^+e^- \to \pi^0\rho^0\pi^-\eta\eta\eta D^+\bar{D}^{*-}a_1^+$	8835	1	16204
8837	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}D^{*0}$	1613	1	16205
8838	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}p\bar{p}$	8837	1	16206
8839	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\omega K^-D^+\Delta^{++}\bar{\Sigma}^0$	1614	1	16207
8840	$e^+e^- \to \eta\eta D^+D_s^{*-}\Delta^+\bar{\Sigma}_c^{*-}$	1615	1	16208
8841	$e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega K^{*-}D^+\gamma$	8840	1	16209
8842	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-D^-D^0$	8841	1	16210
8843	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0K^*K^-D^{*+}\bar{D}^{*-}$	8842	1	16211
8844	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^-D^0$	8843	1	16212
8845	$e^+e^- \to \pi^+\rho^-\eta K^0\bar{K}^0D^+\bar{D}^{*-}p\bar{p}$	8844	1	16213
8846	$e^+e^- \to \rho^0\rho^-D_2^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	8845	1	16214
8847	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0D_2^{*-}\psi'$	8846	1	16215
8848	$e^+e^- \to e^+\nu_e\rho^0\rho^-D^{*+}D_0^{*-}$	8847	1	16216
8849	$e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+D^-\bar{D}^{*-}\bar{n}p$	8848	1	16217
8850	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega K^+K^{*-}D^-D^{*+}$	8849	1	16218
8851	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D_2^{*-}D_s^{*+}\gamma$	8850	1	16219
8852	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^*K^-D^{*+}\bar{D}^{*-}D^0$	8851	1	16220
8853	$e^+e^- \to e^+\nu_e\pi^0\rho^0\bar{K}^0D^+D^-\bar{D}^{*-}$	8852	1	16221
8854	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}$	8853	1	16222
8855	$e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{D}^{*-}D_{s0}^{*+}$	1616	1	16223
8856	$e^+e^- \to \pi^0\rho^0\rho^+\eta'\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*+}$	8855	1	16224
8857	$e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}a_1^+$	8856	1	16225
8858	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	8857	1	16226
8859	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^0D_1'^+$	8858	1	16227
8860	$e^+e^- \to \pi^+\pi^-K^*K^*\bar{K}^*K^-D^+\bar{D}^{*0}$	8859	1	16228
8861	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*-}$	8860	1	16229
8862	$e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^0a_1^-$	8861	1	16230
8863	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+$	8862	1	16231
8864	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-D^-D^{*+}$	8863	1	16232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8865	$e^+e^- \to \pi^0\pi^-\pi^-\bar{D}^0D_s^+\bar{n}\Sigma_c^+$	8864	1	16233
8866	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta\omega K^-D^-D^{*+}\bar{D}^{*-}$	8865	1	16234
8867	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+D^+\bar{D}^{*-}$	8866	1	16235
8868	$e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{K}^0K^+K^-D^-D^-D^{*+}$	8867	1	16236
8869	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+K^0\bar{K}^0K^-\bar{D}^{*-}D^{*0}$	8868	1	16237
8870	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\eta'D^{*+}\bar{D}^{*-}$	8869	1	16238
8871	$e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}\bar{n}p$	8870	1	16239
8872	$e^+e^- \to \rho^0\pi^-K^*K^+K^-D^+\bar{D}^0D^{*0}$	8871	1	16240
8873	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^*K^{*-}D^+\bar{D}^{*-}$	8872	1	16241
8874	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-\omega D^-D^{*+}$	8873	1	16242
8875	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0D^{*+}\bar{D}^{*0}$	8874	1	16243
8876	$e^+e^- \to \pi^-K^0K^{*+}\eta_cJ/\psi$	8875	1	16244
8877	$e^+e^- \to e^+\nu_e\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	8876	1	16245
8878	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta\omega K^0\phi D^-D^-$	8877	1	16246
8879	$e^+e^- \to \pi^+\pi^-\eta K^*\bar{K}^*D^+\bar{D}^{*-}$	8878	1	16247
8880	$e^+e^- \to \eta\eta D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^+$	8879	1	16248
8881	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-}D^{*0}$	8880	1	16249
8882	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+\bar{D}^{*-}D_{s1}'^+$	8881	1	16250
8883	$e^+e^- \to K^0\bar{K}^0D^+\bar{D}^{*-}\Lambda\bar{\Sigma}_c^0$	8882	1	16251
8884	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega K^0\bar{K}^0\bar{D}^0\psi'$	8883	1	16252
8885	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^+D^{*+}D_s^{*-}D_{s0}^{*-}$	8884	1	16253
8886	$e^+e^- \to \pi^-\eta K^+D^{*0}\bar{\Delta}^0\Sigma_c^{*0}$	8885	1	16254
8887	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^*D^+\bar{D}^{*0}$	8886	1	16255
8888	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-K^0D^+\bar{D}^{*0}$	8887	1	16256
8889	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-K^-D^0D_1'^+$	8888	1	16257
8890	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\eta K^{*+}D^{*+}\bar{D}^{*0}$	1617	1	16258
8891	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\eta K^0K^-D^-\bar{D}^{*-}$	8890	1	16259
8892	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+D^-D_1^-$	8891	1	16260
8893	$e^+e^- \to \rho^0\rho^+D^+D^-\Delta^0\bar{\Delta}^+$	8892	1	16261
8894	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\eta K^+D^-D^{*+}$	8893	1	16262
8895	$e^+e^- \to \pi^0\pi^0D^-D^{*0}D_s^+p\bar{\Delta}^+$	8894	1	16263
8896	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^+K^+K^-K^-D^+\bar{D}^{*-}$	8895	1	16264

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8897	$e^+e^- \to K^*K^-\phi D^+D^{*+}a_1^-$	8896	1	16265
8898	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta\eta D^+\bar{D}^0 n\bar{n}$	8897	1	16266
8899	$e^+e^- \to \pi^+\pi^-\eta K^*K^{*+}K^{*-}D^{*+}D_s^{*-}$	8898	1	16267
8900	$e^+e^- \to \rho^0\rho^+K^0K^{*-}D^+\bar{D}^{*-}$	8899	1	16268
8901	$e^+e^- \to \pi^0\pi^0\eta K^*D^+D^+\bar{D}^{*-}n\bar{p}$	8900	1	16269
8902	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0D^-p\bar{p}\chi_{c1}$	8901	1	16270
8903	$e^+e^- \to \pi^0\rho^0K^0\bar{K}^0K^*K^*\phi D^{*+}\bar{D}^{*-}$	8902	1	16271
8904	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-D^-D^{*+}$	8903	1	16272
8905	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^+D^-\bar{n}\Delta^0p\bar{\Delta}^+$	1618	1	16273
8906	$e^+e^- \to \eta D^-D^{*+}D_s^{*+}D_{s1}'^-$	8905	1	16274
8907	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0K^0D^{*+}\eta_c(2S)$	8906	1	16275
8908	$e^+e^- \to \pi^+\rho^+\rho^-\rho^-\omega\eta'D^+\bar{D}^{*-}$	8907	1	16276
8909	$e^+e^- \to \pi^0K^0\bar{K}^*D^-D^{*+}\Sigma^0\bar{\Sigma}_c^{*0}$	8908	1	16277
8910	$e^+e^- \to \rho^0\pi^-\rho^+\omega D^-\bar{D}^0\bar{n}p$	8909	1	16278
8911	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	8910	1	16279
8912	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+K^0\bar{K}^0\bar{K}^0D^-$	8911	1	16280
8913	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}$	8912	1	16281
8914	$e^+e^- \to \rho^+\eta\eta K^-D^-D^{*+}\bar{D}^{*0}$	377	1	16282
8915	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}D^{*+}$	8914	1	16283
8916	$e^+e^- \to \pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	8915	1	16284
8917	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}\bar{D}^{*-}D_s^+$	8916	1	16285
8918	$e^+e^- \to \rho^0\bar{K}^0D^+\bar{D}^{*-}p\bar{\Sigma}_c^{*-}$	8917	1	16286
8919	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^{*+}K^{*-}D^-D^{*+}$	8918	1	16287
8920	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^+\bar{D}^0D_s^{*+}$	1620	1	16288
8921	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta D^+D^-\Delta^0\bar{\Delta}^+$	8920	1	16289
8922	$e^+e^- \to \pi^+\pi^+K^0K^-D^-D^{*+}\Delta^0\bar{\Lambda}_c^-$	1621	1	16290
8923	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*-}D_{s1}^+$	8922	1	16291
8924	$e^+e^- \to \pi^+\pi^+K^0K^{*-}D^-D^{*+}n\bar{p}$	8923	1	16292
8925	$e^+e^- \to \rho^0K^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	8924	1	16293
8926	$e^+e^- \to \pi^-\omega K^+D^0\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0$	1622	1	16294
8927	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega D^+D^-$	1623	1	16295
8928	$e^+e^- \to \pi^0\pi^+\rho^+\omega D^-D^0D_s^-$	8927	1	16296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8929	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-K^+D^{*+}D^{*0}\bar{D}^{*0}$	8928	1	16297
8930	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^{*+}\bar{p}\Xi_c'^+$	8929	1	16298
8931	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Sigma}^-$	8930	1	16299
8932	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	8931	1	16300
8933	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{K}^*D^+\bar{D}^{*-}$	8932	1	16301
8934	$e^+e^- \to e^+\nu_eK_LD^-\psi'$	8933	1	16302
8935	$e^+e^- \to K^{*+}D^+D^-D_s^{*-}\gamma$	8934	1	16303
8936	$e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	8935	1	16304
8937	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\omega K^-\bar{D}^{*-}\psi'$	8936	1	16305
8938	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^+\bar{D}^{*-}J/\psi\bar{K}_1^0$	8937	1	16306
8939	$e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{K}^0K^+D^-\bar{D}^{*-}$	8938	1	16307
8940	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0$	8939	1	16308
8941	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}$	8940	1	16309
8942	$e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	8941	1	16310
8943	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-}$	8942	1	16311
8944	$e^+e^- \to \pi^-\eta K^-D^+D_s^{*+}n\bar{n}$	8943	1	16312
8945	$e^+e^- \to e^-\bar{\nu}_eK^0D^+\eta_c$	8944	1	16313
8946	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta D_2^{*+}\Delta^0\bar{\Xi}_c^0$	8945	1	16314
8947	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*0}D_s^-$	8946	1	16315
8948	$e^+e^- \to \rho^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{K}_0^{*0}$	8947	1	16316
8949	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	8948	1	16317
8950	$e^+e^- \to \rho^0\pi^-K_2^{*0}\phi D^{*+}$	8949	1	16318
8951	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^0\bar{K}^0\phi D^-D^{*0}$	8950	1	16319
8952	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^0\bar{n}pD_{s1}'^-$	1624	1	16320
8953	$e^+e^- \to \pi^-\bar{K}^0\eta'D^+D^-D^{*+}\bar{\Delta}^-\Delta^-$	8952	1	16321
8954	$e^+e^- \to e^+\nu_e\rho^0\rho^-\omega D^+D_2^{*-}$	8953	1	16322
8955	$e^+e^- \to \pi^0\rho^+\eta\eta K^-K^{*+}K^{*-}D^+D^-\bar{D}^0$	1625	1	16323
8956	$e^+e^- \to \pi^+K^0K^-D^-D^{*+}\bar{D}^{*-}\bar{n}p$	1626	1	16324
8957	$e^+e^- \to \bar{K}^0K^*D^0D^0\bar{D}^{*0}\bar{D}^{*0}$	8956	1	16325
8958	$e^+e^- \to \pi^+\omega K^-K^{*+}D^-D_2^{*+}D_s^{*-}$	8957	1	16326
8959	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\eta D^-D^{*+}$	1627	1	16327
8960	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^+D^-D_{s1}'^-$	8959	1	16328

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8961	$e^+e^- \to \pi^- \bar{D}^{*0} \bar{n} \Delta^0 \bar{\Delta}^0 \Sigma_c^{*+}$	8960	1	16329
8962	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^+ K^{*-} D^+ D^- D^-$	8961	1	16330
8963	$e^+e^- \to K^0 K^+ D^- D^{*0} J/\psi$	8962	1	16331
8964	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- K^- D_2^{*+} D_s^- D_s^{*+}$	8963	1	16332
8965	$e^+e^- \to e^- \bar{\nu}_e \rho^+ \eta\eta D^- D^{*+}$	8964	1	16333
8966	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 \rho^+ K^* D^- D^{*+}$	1628	1	16334
8967	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^+ \pi^- \pi^- \eta D^+ \bar{D}^{*-}$	8966	1	16335
8968	$e^+e^- \to \pi^+ \pi^- \eta K^+ K^- \bar{n} \Delta^0 \Lambda_c^+ \bar{\Sigma}_c^-$	8967	1	16336
8969	$e^+e^- \to \pi^0 \pi^- \rho^+ D^- \bar{D}^0 D_s^+$	8968	1	16337
8970	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- \rho^+ \omega D^- D^{*+}$	8969	1	16338
8971	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \rho^- \bar{D}^{*0} \bar{n} \Lambda_c^+$	8970	1	16339
8972	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \pi^0 \rho^0 \bar{K}^0 D^- D^{*+} \bar{D}^{*-}$	8971	1	16340
8973	$e^+e^- \to \pi^- D^{*+} \bar{D}^{*0} D_s^{*+} n \bar{p}$	8972	1	16341
8974	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*-}$	8973	1	16342
8975	$e^+e^- \to \omega \bar{K}^0 D^+ \bar{D}^{*-} D_s^{*+} D_1'^-$	8974	1	16343
8976	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ \eta D^- D^{*+} p \bar{\Delta}^{++}$	8975	1	16344
8977	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \eta \omega \bar{K}^* \bar{D}^{*-} \bar{D}^{*-} D^0$	8976	1	16345
8978	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \eta \omega \bar{K}^0 \bar{K}^* K^+ K^+ K^+ K^- D^- D^0$	1629	1	16346
8979	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ \eta K^- K^{*+} K^{*-} D^+ \bar{D}^{*-}$	8978	1	16347
8980	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \rho^+ K^* K^+ K^- D^- \bar{D}^{*-} D^0$	1630	1	16348
8981	$e^+e^- \to \pi^- \pi^- \rho^+ \omega K^0 \bar{K}^* K^+ D^{*+} \bar{D}^{*-} D^{*0}$	8980	1	16349
8982	$e^+e^- \to \pi^0 \pi^+ \pi^+ \rho^- \eta \omega D^- D^{*0}$	1631	1	16350
8983	$e^+e^- \to \tau^+ \nu_\tau \omega \bar{D}^{*-} D^0$	1632	1	16351
8984	$e^+e^- \to \pi^0 \pi^- \pi^- \bar{K}^0 K^+ D^+ D^+ D_s^{*-}$	1633	1	16352
8985	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \eta\eta D^- D^{*0}$	8984	1	16353
8986	$e^+e^- \to \rho^+ \eta K^- D^+ \bar{D}^{*-} n \bar{n}$	8985	1	16354
8987	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \rho^0 \pi^- \omega D^+ D_0^{*-}$	8986	1	16355
8988	$e^+e^- \to \pi^+ K^- \bar{D}^0 n \bar{n} \chi_{c1}$	8987	1	16356
8989	$e^+e^- \to K^0 K^{*-} D^+ D^- \bar{p} \Delta^{++}$	8988	1	16357
8990	$e^+e^- \to \pi^+ \pi^- K^0 D^+ D^+ D^- D^-$	1634	1	16358
8991	$e^+e^- \to \pi^0 \rho^0 D^{*+} \bar{D}^{*-} D_s^{*+} n \bar{p}$	8990	1	16359
8992	$e^+e^- \to \mu^- \bar{\nu}_\mu K^0 D^{*+} n \bar{\Sigma}_c^{*0}$	8991	1	16360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
8993	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^*D^0p\bar{\Lambda}_c^-$	8992	1	16361
8994	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}n\bar{p}$	8993	1	16362
8995	$e^+e^- \to \pi^0\rho^-\rho^-\bar{K}^*D^+\bar{\Delta}^0\Sigma_c^+$	8994	1	16363
8996	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D^0$	8995	1	16364
8997	$e^+e^- \to \pi^-\rho^+\eta\omega\omega K^*K^{*-}\eta'D^{*+}\bar{D}^{*0}$	8996	1	16365
8998	$e^+e^- \to \pi^-\pi^-\eta D^{*+}\Delta^+\bar{\Sigma}_c^{*0}$	8997	1	16366
8999	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+D^-\bar{p}\Delta^+D_1^+$	8998	1	16367
9000	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta'D^+D_1'^-$	8999	1	16368
9001	$e^+e^- \to \mu^+\nu_\mu D^-D^-D_s^+$	9000	1	16369
9002	$e^+e^- \to e^+\nu_eK^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	9001	1	16370
9003	$e^+e^- \to e^+\nu_e\pi^+\rho^-D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda}$	9002	1	16371
9004	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	1635	1	16372
9005	$e^+e^- \to \rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	9004	1	16373
9006	$e^+e^- \to \rho^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0\gamma$	1636	1	16374
9007	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}D_s^-$	9006	1	16375
9008	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*\bar{K}^*D^-D^{*+}$	9007	1	16376
9009	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	9008	1	16377
9010	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\eta D^-D^-$	9009	1	16378
9011	$e^+e^- \to e^+\nu_e\pi^-\omega\eta'D^+\bar{D}^{*-}$	9010	1	16379
9012	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*0}$	9011	1	16380
9013	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-\eta K^-K^{*+}D^+D^+$	9012	1	16381
9014	$e^+e^- \to \eta\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_{s1}'^+$	9013	1	16382
9015	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\rho^-K^0\bar{K}^0D^+D^-$	9014	1	16383
9016	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-K^+D^+J/\psi$	9015	1	16384
9017	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^{*+}D^0$	1637	1	16385
9018	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^*D^{*+}D^{*+}$	9017	1	16386
9019	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0K^+D^-D^-$	378	1	16387
9020	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\bar{K}^*D^+D^+\bar{D}^{*-}$	9019	1	16388
9021	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta K^0D^{*+}D_s^-$	9020	1	16389
9022	$e^+e^- \to \pi^+\pi^+D^-\bar{D}^{*-}$	9021	1	16390
9023	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0\bar{K}^0\bar{K}^0K^-K^{*+}D^-\bar{D}^0D_s^{*+}$	9022	1	16391
9024	$e^+e^- \to \pi^+K^0\bar{K}^0D^+D^-D_s^-$	9023	1	16392

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9025	$e^+e^- \to \pi^- \bar{K}^* \eta_c \Delta^+ \bar{\Sigma}_c^{*0}$	9024	1	16393
9026	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^+ \rho^- D^- D^{*+}$	9025	1	16394
9027	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^- K^+ \phi D^{*+} D_s^-$	9026	1	16395
9028	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 D^{*+} \bar{D}^{*-} D_{s0}^{*+}$	9027	1	16396
9029	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^- \rho^- D^+ D^0 D_s^-$	9028	1	16397
9030	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- \omega D^+ D^+ \Delta^+ \bar{\Delta}^{++}$	9029	1	16398
9031	$e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \bar{D}^{*-} \bar{D}^{*-}$	9030	1	16399
9032	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \pi^- K^{*-} \bar{D}^{*-} J/\psi$	9031	1	16400
9033	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \eta \omega \bar{D}^{*-} D^{*0}$	9032	1	16401
9034	$e^+e^- \to \rho^0 K_L K^* K^{*-} D^{*+} J/\psi$	9033	1	16402
9035	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^- \pi^- \rho^+ D^+ D^- D^{*+}$	9034	1	16403
9036	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \rho^0 \rho^+ D^- D_0^{*-}$	9035	1	16404
9037	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \bar{D}^0 D^{*0} D^{*0}$	9036	1	16405
9038	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^+ \pi^- \rho^- \rho^- \bar{K}^0 D^{*+} \bar{D}^{*-}$	9037	1	16406
9039	$e^+e^- \to \pi^+ \eta \omega K^0 D^- D^{*+} \bar{D}^{*-}$	379	1	16407
9040	$e^+e^- \to e^+ \nu_e \pi^0 \omega D^+ \bar{D}^{*-} \Sigma^- \bar{\Sigma}^0$	9039	1	16408
9041	$e^+e^- \to \pi^0 \rho^0 \pi^- \rho^+ \rho^- K^0 D^+ D^0 \bar{D}^{*0}$	9040	1	16409
9042	$e^+e^- \to K^0 D_2^{*-} D^{*0} \bar{D}^{*0} D_s^+$	9041	1	16410
9043	$e^+e^- \to \omega \bar{K}^0 D^{*+} \bar{D}^{*-} n \bar{\Sigma}_c^0$	9042	1	16411
9044	$e^+e^- \to \pi^0 \pi^0 \pi^0 D^- D_s^+ \Delta^+ \bar{\Sigma}_c^-$	380	1	16412
9045	$e^+e^- \to \pi^0 \pi^- K^0 D_2^{*+} D_s^+ D_s^{*-}$	9044	1	16413
9046	$e^+e^- \to \pi^+ \pi^- \rho^- \omega K^+ D^- D^{*+} D^{*0}$	1641	1	16414
9047	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 \rho^+ K^* D^{*+} \bar{D}^{*-}$	9046	1	16415
9048	$e^+e^- \to \pi^0 \pi^- \pi^- \rho^+ K^0 K^0 \bar{K}^0 K^- D^+ \bar{D}^0 D_s^+$	1642	1	16416
9049	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- D^- D^{*+} \bar{\Sigma}^+ \Sigma^-$	9048	1	16417
9050	$e^+e^- \to \tau^- \bar{\nu}_\tau D^- D_s^{*+} D_1'^+$	9049	1	16418
9051	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \pi^+ \omega D^- D^{*+}$	381	1	16419
9052	$e^+e^- \to \pi^0 \pi^0 \pi^- \rho^+ K^0 K^{*-} D^+ D^{*+} a_1^-$	9051	1	16420
9053	$e^+e^- \to \pi^+ \eta K^+ \bar{D}^{*-} D^{*0} D^{*0} D_s^{*-}$	9052	1	16421
9054	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \rho^- D^+ D^- \Delta^+ \bar{\Delta}^+$	9053	1	16422
9055	$e^+e^- \to \pi^+ \pi^- \rho^+ K^- D^- D^{*+} p \bar{p}$	9054	1	16423
9056	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \pi^- \eta D^- D^{*+}$	9055	1	16424

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9057	$e^+e^- \to K^0 D^{*0} \bar{D}^{*0} D_s^{*-} D_1^+$	9056	1	16425
9058	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^{*+} D^- D^{*+} D^0$	9057	1	16426
9059	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0 K^* D^- D^0$	9058	1	16427
9060	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega K^0 K^+ K^- D^{*+} \bar{D}^0$	9059	1	16428
9061	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^- D^{*+} \bar{p}\Delta^+$	9060	1	16429
9062	$e^+e^- \to \rho^- D^{*+} \bar{D}^{*-} \bar{p}\Sigma_c^{*++}$	9061	1	16430
9063	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0 D^- D^{*+}$	9062	1	16431
9064	$e^+e^- \to \pi^0\rho^0\rho^-\omega K^0 D^{*+} J/\psi$	9063	1	16432
9065	$e^+e^- \to \pi^+\pi^-\bar{K}^* K^+ \bar{D}^{*-} D^{*0} J/\psi$	9064	1	16433
9066	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^- D^{*+} \bar{D}^{*0}$	9065	1	16434
9067	$e^+e^- \to e^-\bar{\nu}_e D^{*+} \bar{D}^0 \Sigma^{*0} \bar{\Sigma}^{*0}$	9066	1	16435
9068	$e^+e^- \to \pi^0\rho^0\pi^+ D^- \bar{D}^{*-} D_s^{*+} n\bar{n}$	9067	1	16436
9069	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\eta\eta\bar{K}^* K^{*+} D^{*+} D^{*+}$	9068	1	16437
9070	$e^+e^- \to K^{*+} D^- \bar{D}^{*-} D^0 D_s^+$	9069	1	16438
9071	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0 D^{*+} \bar{D}^{*-} D_{s1}'^+$	1644	1	16439
9072	$e^+e^- \to K^0 K^- D^+ D^{*+} a_1^-$	9071	1	16440
9073	$e^+e^- \to \pi^+\rho^- K^0 \bar{K}^* D^0 \bar{D}^0 J/\psi$	9072	1	16441
9074	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- K^0 K^+ K^- D^{*0} \chi_{c0}$	9073	1	16442
9075	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega K^0 \bar{K}^* D^- D^{*+}$	9074	1	16443
9076	$e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^+ D^- \Delta^0 \bar{\Delta}^+$	9075	1	16444
9077	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^+ \bar{D}^{*-} D^0$	1645	1	16445
9078	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0 D^+ D^- D_s^{*+} D_s^{*-}$	382	1	16446
9079	$e^+e^- \to e^+\nu_e\rho^0 D^- \bar{p}\Sigma_c^+$	9078	1	16447
9080	$e^+e^- \to \pi^+ K^* K^- D^+ \bar{D}^{*-} \psi'$	9079	1	16448
9081	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-}$	9080	1	16449
9082	$e^+e^- \to \rho^0\pi^+\pi^-\rho^- D^- D^{*+} D_{s0}^{*+}$	1647	1	16450
9083	$e^+e^- \to \pi^+\pi^-\bar{K}^0 D^+ D^0 \bar{D}^{*0} \Delta^0 \bar{\Delta}^+$	9082	1	16451
9084	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^0 D^+ D^{*+} \bar{D}^{*-}$	9083	1	16452
9085	$e^+e^- \to \bar{K}^0 D^+ D^{*+} \bar{D}^{*-} a_1^-$	1648	1	16453
9086	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega\bar{K}^0 K^+ D^- D_2^{*+}$	9085	1	16454
9087	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^* D^+ D_s^-$	9086	1	16455
9088	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^- D^- D^{*+} \bar{D}^0$	1649	1	16456

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9089	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta\eta\omega K^{*+}D^+D^-D^0$	9088	1	16457
9090	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^-$	9089	1	16458
9091	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	9090	1	16459
9092	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\eta D^-D^0$	9091	1	16460
9093	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\omega\bar{K}^*K^+D_1'^+$	9092	1	16461
9094	$e^+e^- \to \tau^+\nu_\tau\pi^0K^+K^-\bar{D}^{*-}D^0$	9093	1	16462
9095	$e^+e^- \to \pi^+\pi^-\rho^+K^0D^0D_s^{*-}\eta_c$	9094	1	16463
9096	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\rho^-\omega K^0\bar{D}^0D_0^{*+}$	9095	1	16464
9097	$e^+e^- \to \pi^0\rho^0\omega\bar{K}^0K^+D^-D^{*+}a_1^-$	9096	1	16465
9098	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^0\bar{K}^*D^+D^-D_s^{*-}$	9097	1	16466
9099	$e^+e^- \to \bar{K}^0\bar{K}^0D^0\bar{D}^0n\bar{\Xi}_c'^0$	9098	1	16467
9100	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta\eta\omega D_2^{*-}$	9099	1	16468
9101	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+\bar{\Lambda}\Sigma_c^0$	9100	1	16469
9102	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^+K^{*-}\bar{D}^{*-}D^{*0}$	1650	1	16470
9103	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	9102	1	16471
9104	$e^+e^- \to \pi^-K^{*+}K^{*+}D^+D^-\bar{D}^{*-}D^{*0}$	1651	1	16472
9105	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}\Sigma^-\bar{\Sigma}^0$	9104	1	16473
9106	$e^+e^- \to \rho^-\omega\omega K^+D^+D^-D^{*0}$	9105	1	16474
9107	$e^+e^- \to \pi^0\pi^0\omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D_s^{*+}$	9106	1	16475
9108	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\Delta^+\bar{\Sigma}_c^{*--}$	9107	1	16476
9109	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^0\eta'\bar{D}^{*-}D^0$	9108	1	16477
9110	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+K^+K^-D^-D^-$	1652	1	16478
9111	$e^+e^- \to D^{*+}D^{*+}D_s^{*-}\Delta^-\bar{\Delta}^0$	9110	1	16479
9112	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^*\bar{K}^*D^-D^{*+}$	9111	1	16480
9113	$e^+e^- \to \pi^0\pi^-\eta K^0\bar{K}^*K^+D^+D^-\bar{D}^0$	9112	1	16481
9114	$e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}p\bar{\Lambda}$	9113	1	16482
9115	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-K^0D^+D^0\bar{D}^0$	9114	1	16483
9116	$e^+e^- \to \pi^0\pi^-\eta'D^+\bar{D}^{*-}\Delta^+\bar{\Sigma}^0$	1653	1	16484
9117	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^*D^{*+}\Delta^-\bar{n}$	9116	1	16485
9118	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*0}$	9117	1	16486
9119	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^*D^{*+}D_s^-D_1^+$	9118	1	16487
9120	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0K^{*-}D^{*+}D^{*+}$	9119	1	16488

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9121	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+D^{*+}$	9120	1	16489
9122	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta K^-D^+D^-D^-D_s^{*+}$	9121	1	16490
9123	$e^+e^- \to \pi^0\rho^0\rho^-\eta\eta K^+D^-D^{*+}D^0$	9122	1	16491
9124	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega K^+K^-D^-\bar{D}^{*-}$	1654	1	16492
9125	$e^+e^- \to e^+\nu_e\bar{K}^*D^{*+}\bar{D}^{*-}D_1'^-$	9124	1	16493
9126	$e^+e^- \to \pi^+\pi^-\omega K^*\bar{K}^*K^+K^+K^-K^-D^-D^{*+}$	1655	1	16494
9127	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-D^-D^{*+}D_s^{*-}\Delta^-\bar{\Delta}^0$	9126	1	16495
9128	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*K^-K^{*+}D^-D^{*+}\bar{D}^{*-}$	9127	1	16496
9129	$e^+e^- \to \rho^0\rho^+\rho^-K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	9128	1	16497
9130	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^0\eta'D^{*+}\bar{D}^{*0}$	9129	1	16498
9131	$e^+e^- \to e^-\bar{\nu}_e\rho^0K^0K^{*-}D^{*+}D^{*+}$	9130	1	16499
9132	$e^+e^- \to \pi^+\rho^-\bar{K}^*K^+D^-D^{*+}a_1^-$	1656	1	16500
9133	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^-D^{*+}$	1657	1	16501
9134	$e^+e^- \to \pi^-\rho^-\bar{K}^*K^+D^+D^-a_1^+$	9133	1	16502
9135	$e^+e^- \to K^*\bar{D}^{*-}\eta_c a_1^+$	9134	1	16503
9136	$e^+e^- \to \pi^-\rho^-\bar{D}^0D_s^{*+}\bar{\Delta}^+\Sigma_c^{++}$	9135	1	16504
9137	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^+D_s^-$	9136	1	16505
9138	$e^+e^- \to \pi^0\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0a_1^+$	9137	1	16506
9139	$e^+e^- \to \pi^+\pi^-K^0K^-D^+D^-\bar{n}p$	9138	1	16507
9140	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^*\bar{K}^*D^-D^-$	9139	1	16508
9141	$e^+e^- \to \rho^+\omega K_SD^-J/\psi$	9140	1	16509
9142	$e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^+D_1^+$	9141	1	16510
9143	$e^+e^- \to K^0\bar{K}^0D^0\bar{D}^0D^{*0}\bar{D}^{*0}$	9142	1	16511
9144	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0$	9143	1	16512
9145	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{p}\Sigma_c^{*++}$	9144	1	16513
9146	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+D^+\bar{D}^{*-}n\bar{p}$	1658	1	16514
9147	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	383	1	16515
9148	$e^+e^- \to \rho^+D^{*+}D_s^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	9147	1	16516
9149	$e^+e^- \to \pi^0\pi^0\pi^0K^*K^{*-}D^+D^-D_s^{*+}$	9148	1	16517
9150	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	9149	1	16518
9151	$e^+e^- \to \pi^+\rho^+D^-D^{*+}\Delta^-\bar{p}$	9150	1	16519
9152	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\eta\omega\omega\bar{D}^{*-}D^{*0}$	9151	1	16520

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9153	$e^+e^- \to e^+\nu_e\bar{K}^0\Delta^0\bar{\Xi}_c'^0 D_1^-$	9152	1	16521
9154	$e^+e^- \to K^-D^{*+}\bar{D}^0 D_s^{*+} D_1^-$	9153	1	16522
9155	$e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-} D_{s1}^+$	9154	1	16523
9156	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^- D^{*+}\psi'$	9155	1	16524
9157	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0 D^+ J/\psi\bar{n}p$	9156	1	16525
9158	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^- K^+ D^{*+}\bar{D}^0 D_s^{*-}$	9157	1	16526
9159	$e^+e^- \to \rho^0\pi^+\pi^+ D^+ D^- np\bar{p}\bar{\Delta}^{++}$	9158	1	16527
9160	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+\rho^- D^- D^-$	9159	1	16528
9161	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-} D_2^{*+} D^{*0}$	1660	1	16529
9162	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0 J/\psi D_1^-$	9161	1	16530
9163	$e^+e^- \to \pi^+\pi^-\rho^+\eta\omega K^- D^{*0} J/\psi$	9162	1	16531
9164	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	9163	1	16532
9165	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^{*+} D_2^{*-}$	9164	1	16533
9166	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\bar{n}\Sigma_c^0$	9165	1	16534
9167	$e^+e^- \to \rho^0\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	9166	1	16535
9168	$e^+e^- \to \pi^0\pi^+\pi^+\eta K^{*-} D^+ D^-\bar{D}^{*-}$	9167	1	16536
9169	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+} D^0$	9168	1	16537
9170	$e^+e^- \to \pi^+ K^0 D^+\bar{D}^{*-} D^0 D_s^-$	9169	1	16538
9171	$e^+e^- \to \eta\omega K^0 D^{*+}\bar{D}^{*-}\bar{n}\Xi_c^{*0}$	9170	1	16539
9172	$e^+e^- \to \eta\bar{D}^0 D_s^- D_1'^+$	9171	1	16540
9173	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^* D^+\eta_c$	9172	1	16541
9174	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+ K^0 K^{*-} D^- D^{*+}$	9173	1	16542
9175	$e^+e^- \to \omega\bar{K}^0 D^+ D^-\bar{D}^{*-} D_s^{*+}$	9174	1	16543
9176	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\rho^- D^+\bar{D}^{*0}$	9175	1	16544
9177	$e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^0\bar{K}^0 K^{*+} D^- D^{*+}\bar{D}^{*-}$	9176	1	16545
9178	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^- K^0 D^+ D^+\bar{D}^0$	9177	1	16546
9179	$e^+e^- \to \rho^- D^{*+}\bar{D}^{*0} D_s^+ D_s^{*-}$	9178	1	16547
9180	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^+ D^{*+}$	9179	1	16548
9181	$e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{D}^{*-}\bar{D}^{*0} D_s^{*+}$	9180	1	16549
9182	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\rho^- K^{*-} D^-\bar{D}^{*-} D^0$	9181	1	16550
9183	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^* K^- D^+ D^+$	9182	1	16551
9184	$e^+e^- \to \pi^-\bar{K}^0 D^- D^{*+}\bar{D}^{*0} D_s^+$	9183	1	16552

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9185	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{K}^0D^-D^{*+}n\bar{\Lambda}$	9184	1	16553
9186	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0D^+D_s^{*+}$	9185	1	16554
9187	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-\rho^-\bar{D}^{*-}D^{*0}$	9186	1	16555
9188	$e^+e^- \to \rho^0\pi^+\rho^-K^*\bar{K}^*K^-D^+\chi_{c1}$	9187	1	16556
9189	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{n}\Sigma_c^0$	9188	1	16557
9190	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*0}$	9189	1	16558
9191	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega K^0K^-D^+\bar{D}^{*-}$	9190	1	16559
9192	$e^+e^- \to \pi^0\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	9191	1	16560
9193	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^+D^+\bar{D}^{*-}D^0\gamma$	9192	1	16561
9194	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0K^{*+}D^-D^{*+}$	9193	1	16562
9195	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^+D^-D^0$	9194	1	16563
9196	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0D^{*+}\bar{D}^0$	1661	1	16564
9197	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta D^+D^-$	9196	1	16565
9198	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*-}D^0\bar{D}^0$	9197	1	16566
9199	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}$	1662	1	16567
9200	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}$	9199	1	16568
9201	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-}$	9200	1	16569
9202	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\omega D^-D^{*+}D_s^+$	1663	1	16570
9203	$e^+e^- \to \mu^+\nu_\mu\eta D^-D^{*+}\bar{D}^{*-}$	9202	1	16571
9204	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+D^-\bar{\Delta}^-n$	9203	1	16572
9205	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D_s^{*+}\bar{\Delta}^0\Sigma^-$	1664	1	16573
9206	$e^+e^- \to \pi^0\rho^0\pi^-D^+D^-D_s^{*+}$	1665	1	16574
9207	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\rho^0\pi^-D^{*+}D_1^-$	9206	1	16575
9208	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_2^{*-}D_s^{*+}$	9207	1	16576
9209	$e^+e^- \to \pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	9208	1	16577
9210	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^+D^-D_s^+$	9209	1	16578
9211	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}$	1666	1	16579
9212	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0\bar{K}^0D^-D^{*+}$	9211	1	16580
9213	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+}$	9212	1	16581
9214	$e^+e^- \to K^*D^+D^+D^-D_{s1}^-$	9213	1	16582
9215	$e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^+D_1^+$	1667	1	16583
9216	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^+D^-D_s^+D_s^-$	9215	1	16584

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9217	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}n\bar{\Lambda}$	9216	1	16585
9218	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	9217	1	16586
9219	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^-\bar{K}^0D^+\bar{D}^{*0}$	9218	1	16587
9220	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}p\bar{p}$	9219	1	16588
9221	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\pi^0D^-D_1'^-$	9220	1	16589
9222	$e^+e^- \to \pi^+K^{*+}K^{*-}\bar{D}^{*-}D^0D^{*0}\bar{D}^{*0}$	9221	1	16590
9223	$e^+e^- \to D^-\bar{D}^0n\bar{n}a_1^+$	9222	1	16591
9224	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^+n\bar{\Sigma}_c^{*0}$	9223	1	16592
9225	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^-D^{*+}n\bar{n}$	9224	1	16593
9226	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}D_1^+$	9225	1	16594
9227	$e^+e^- \to \pi^0K^0\bar{K}^0D^{*+}D^{*+}n\bar{p}D_{s1}^-$	9226	1	16595
9228	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	9227	1	16596
9229	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-D^{*+}\Delta^-\bar{n}$	9228	1	16597
9230	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\gamma$	9229	1	16598
9231	$e^+e^- \to \pi^-\eta\eta\bar{K}^*D^{*+}D_s^-D_s^{*+}$	9230	1	16599
9232	$e^+e^- \to \rho^0\pi^+\omega D^-\bar{D}^{*-}D_s^{*+}$	9231	1	16600
9233	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*-}$	9232	1	16601
9234	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^*K^*K^-D^+D^{*+}\bar{D}^{*-}$	9233	1	16602
9235	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^0\bar{D}^{*0}$	9234	1	16603
9236	$e^+e^- \to \pi^+\omega D^-D^{*+}a_1^-$	9235	1	16604
9237	$e^+e^- \to \bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}\bar{n}p$	1668	1	16605
9238	$e^+e^- \to \rho^0\pi^+\eta'D^-D^{*+}D_s^-$	9237	1	16606
9239	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+D^{*+}\bar{D}^0\bar{n}\Lambda$	384	1	16607
9240	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^*D^+\bar{D}^0$	9239	1	16608
9241	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}D_2^{*-}D_s^+$	9240	1	16609
9242	$e^+e^- \to \rho^+\rho^+\rho^-\eta\eta\omega K^0K^-D^-D^{*+}\gamma$	9241	1	16610
9243	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	9242	1	16611
9244	$e^+e^- \to \pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*0}\Delta^0\bar{\Lambda}_c^-$	9243	1	16612
9245	$e^+e^- \to \pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	9244	1	16613
9246	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{\Lambda}\Xi_c'^0D_1^-$	9245	1	16614
9247	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^0D_{s1}'^+$	9246	1	16615
9248	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+D^+\bar{D}^{*-}$	9247	1	16616

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9249	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega D^+D^-$	9248	1	16617
9250	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}a_1^+D_1'^-$	9249	1	16618
9251	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^{*-}D^{*+}\bar{D}^{*-}$	9250	1	16619
9252	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{\Lambda}\Xi^0$	1670	1	16620
9253	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+D^{*+}D_s^{*-}$	9252	1	16621
9254	$e^+e^- \to \pi^-\rho^+\bar{D}^0D_s^{*+}p\bar{\Sigma}_c^{--}$	9253	1	16622
9255	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^+D^-\bar{D}^{*-}$	9254	1	16623
9256	$e^+e^- \to \rho^0\rho^+D^-D^0n\bar{\Delta}^0$	9255	1	16624
9257	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Lambda_c^+$	9256	1	16625
9258	$e^+e^- \to e^+\nu_e\rho^-\omega D^+D_0^{*-}$	9257	1	16626
9259	$e^+e^- \to \pi^0\pi^+D^0D_s^{*-}n\bar{\Sigma}_c^0$	9258	1	16627
9260	$e^+e^- \to K^*D^{*+}D^{*0}\bar{D}^{*0}a_1^-$	9259	1	16628
9261	$e^+e^- \to \pi^-\rho^+\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}$	9260	1	16629
9262	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+D^-$	9261	1	16630
9263	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+\Delta^0\bar{\Sigma}_c^-$	9262	1	16631
9264	$e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\rho^-\bar{K}^*\bar{D}^{*-}$	385	1	16632
9265	$e^+e^- \to \pi^0D^-D_2^{*+}D_s^+D_s^{*-}$	9264	1	16633
9266	$e^+e^- \to \rho^+D^-\bar{D}^{*-}D_{s1}'^+$	9265	1	16634
9267	$e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^0p\bar{\Sigma}_c^{--}$	9266	1	16635
9268	$e^+e^- \to \pi^-\eta\omega\bar{K}^0D^+D^+\bar{D}^{*-}$	9267	1	16636
9269	$e^+e^- \to \rho^0\pi^+\pi^-\omega\omega\bar{K}^0D^+\bar{D}^{*-}$	9268	1	16637
9270	$e^+e^- \to \pi^+\rho^-\omega D^+D^-$	9269	1	16638
9271	$e^+e^- \to \rho^-D^+D^-D_{s1}'^+$	9270	1	16639
9272	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\eta'D^{*+}D^0$	9271	1	16640
9273	$e^+e^- \to \pi^+\pi^-\eta\omega K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	9272	1	16641
9274	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^*D^{*+}D^{*+}\bar{D}^{*0}$	1672	1	16642
9275	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\omega K^{*+}D^{*+}\bar{D}^0$	9274	1	16643
9276	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+\bar{D}^0D_s^-$	101	1	16644
9277	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}D^0D_s^-$	9276	1	16645
9278	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{D}^0D_s^+D_1'^+$	9277	1	16646
9279	$e^+e^- \to \rho^0\rho^+K^{*-}\bar{D}^{*-}D^0\bar{n}p$	9278	1	16647
9280	$e^+e^- \to \rho^+\bar{D}^{*-}D_2^{*-}D_s^{*+}\gamma$	9279	1	16648

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9281	$e^+e^- \to \pi^+\rho^+\eta\omega\bar{D}^{*-}D^0D_s^-$	9280	1	16649
9282	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}\gamma$	9281	1	16650
9283	$e^+e^- \to \bar{K}^*K^+K^-K^{*+}D^-\bar{D}^{*0}n\bar{\Delta}^0$	9282	1	16651
9284	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^-D^{*+}\bar{n}\Delta^0$	9283	1	16652
9285	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+K^0K^{*-}D^+D^-$	9284	1	16653
9286	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0K^+\bar{D}^{*-}D^{*0}$	9285	1	16654
9287	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}a_1^-$	9286	1	16655
9288	$e^+e^- \to \bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	9287	1	16656
9289	$e^+e^- \to \pi^0\bar{K}^0D^+\bar{D}^{*-}D_2^{*+}D_s^-$	9288	1	16657
9290	$e^+e^- \to \pi^+\pi^-\eta\omega\omega D^+\bar{D}^{*-}$	9289	1	16658
9291	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-}$	9290	1	16659
9292	$e^+e^- \to \mu^+\nu_\mu\omega D^-D^0\bar{D}^{*0}$	9291	1	16660
9293	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-K^+D^+D^{*0}\bar{D}^{*0}$	9292	1	16661
9294	$e^+e^- \to D^+D_2^{*-}D_s^+\Delta^-\bar{\Delta}^0$	9293	1	16662
9295	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta K^{*+}D^+\bar{D}^{*-}$	9294	1	16663
9296	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^-K^{*+}D^+D^-D_s^+$	9295	1	16664
9297	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta K^0\bar{K}^*D^+D^-$	9296	1	16665
9298	$e^+e^- \to \rho^-K^+D^{*+}D^0\bar{D}^{*0}D_s^-$	9297	1	16666
9299	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^-n\bar{n}$	9298	1	16667
9300	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+\bar{D}^0D_s^+$	9299	1	16668
9301	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^-\bar{D}^{*-}D_s^+$	9300	1	16669
9302	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	9301	1	16670
9303	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\rho^-\bar{K}^0K^{*+}\eta'\bar{D}^{*-}n\bar{p}$	1674	1	16671
9304	$e^+e^- \to \pi^0\pi^0\rho^+\bar{D}^{*-}D^{*0}n\bar{n}$	9303	1	16672
9305	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}n\bar{p}$	1675	1	16673
9306	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^-K^-D_s^+\Lambda\bar{\Lambda}$	1676	1	16674
9307	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\bar{K}^0\bar{D}^{*-}D_s^{*+}\bar{n}p$	9306	1	16675
9308	$e^+e^- \to \pi^0\rho^+\eta K^*K^{*-}D^+\bar{D}^{*-}$	9307	1	16676
9309	$e^+e^- \to \mu^+\nu_\mu D^-D^{*+}D_{s0}^{*-}$	1677	1	16677
9310	$e^+e^- \to \pi^-\pi^-\rho^+\eta K^*K^{*-}\phi D^+D^+$	9309	1	16678
9311	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+K^-D^+\bar{D}^0$	9310	1	16679
9312	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-D^+\bar{D}^{*-}n\bar{n}$	9311	1	16680

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9313	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^+ D^+ D^- \bar{D}^{*0}$	9312	1	16681
9314	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+ D^{*+}$	9313	1	16682
9315	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- D^{*+}\bar{D}^0 D_s^+$	9314	1	16683
9316	$e^+e^- \to \rho^0\rho^0\bar{K}^0 K^+ D^- D^{*+}\bar{D}^{*-}$	9315	1	16684
9317	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-} p\bar{p}$	9316	1	16685
9318	$e^+e^- \to \rho^0\pi^-\pi^- D^{*+}\bar{D}^{*0} D_s^{*+}$	9317	1	16686
9319	$e^+e^- \to K^0\bar{K}^* D_s^+ D_s^- p\bar{\Lambda}_c^-$	387	1	16687
9320	$e^+e^- \to \pi^0\pi^0 K^0\bar{D}^{*-} D_s^+\psi(3770)$	9319	1	16688
9321	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0 K^- D^+ D_2^{*-} D_s^+$	9320	1	16689
9322	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^{*+} D^- D^- D^{*0}$	9321	1	16690
9323	$e^+e^- \to \pi^+\rho^+\rho^-\eta D^- D_2^{*+} D_s^{*-}$	9322	1	16691
9324	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^+ D^{*+} D_s^-$	9323	1	16692
9325	$e^+e^- \to \pi^+\pi^+\pi^- K^+ D^-\bar{D}^{*-} D^{*0} n\bar{n}$	9324	1	16693
9326	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+ D^-$	9325	1	16694
9327	$e^+e^- \to \rho^0\omega\bar{D}^{*-} D^0 D_s^{*+}$	9326	1	16695
9328	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega K^{*+} K^{*-} D^{*+}\bar{D}^{*-}$	9327	1	16696
9329	$e^+e^- \to \pi^- K^+ D^-\eta_c D_{s0}^{*+}$	9328	1	16697
9330	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^+ D^{*+} D_s^-$	9329	1	16698
9331	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\omega\omega K^0\bar{K}^* K^+\bar{D}^{*-} D^0$	9330	1	16699
9332	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^0$	9331	1	16700
9333	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta K^- D^0\Lambda\bar{\Xi}_c^-$	1679	1	16701
9334	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\bar{n}p$	9333	1	16702
9335	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\eta D^+ n\bar{\Lambda}_c^-$	9334	1	16703
9336	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\bar{D}^{*-} D_1^+$	9335	1	16704
9337	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^+ K^- D^+\bar{D}^{*-}$	1680	1	16705
9338	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-} D_s^{*+}$	9337	1	16706
9339	$e^+e^- \to \tau^+\nu_\tau\rho^0 K^0 K^{*-} D^{*+} D_0^{*-}$	9338	1	16707
9340	$e^+e^- \to \rho^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-} D_{s1}^+$	9339	1	16708
9341	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\bar{D}^{*0} D_s^{*-}$	9340	1	16709
9342	$e^+e^- \to \pi^+\eta\bar{K}^0 D^0 D_s^-\Delta^0\bar{\Xi}_c'^0$	9341	1	16710
9343	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D^{*+} n\bar{\Xi}_c^-$	9342	1	16711
9344	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+ D^+ D_2^{*-}$	9343	1	16712

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9345	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}D^0$	9344	1	16713
9346	$e^+e^- \to \pi^+\pi^-D^+D_s^-\eta_c$	9345	1	16714
9347	$e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^0p\bar{\Sigma}^-$	9346	1	16715
9348	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+K^-\bar{D}^{*-}D^{*0}D_1'^-$	9347	1	16716
9349	$e^+e^- \to \rho^0\pi^+\rho^+K^0K^0K^-D^-\eta_c$	9348	1	16717
9350	$e^+e^- \to \pi^0\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}$	9349	1	16718
9351	$e^+e^- \to \rho^0\rho^+D^-D^{*+}D_s^{*-}$	9350	1	16719
9352	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	9351	1	16720
9353	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-D^{*+}D^{*+}D_{s1}'^-$	9352	1	16721
9354	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^+\bar{D}^{*-}\bar{p}\Delta^{++}$	9353	1	16722
9355	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-}$	9354	1	16723
9356	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\omega D^{*+}\bar{D}^0$	9355	1	16724
9357	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^-D^{*+}$	102	1	16725
9358	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-K^-K^{*+}D^+\bar{D}^{*-}$	9357	1	16726
9359	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^*\bar{K}^*K^+D^-D^{*+}$	9358	1	16727
9360	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	9359	1	16728
9361	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega K^0\bar{K}^0\bar{K}^0\bar{K}^0\bar{K}^*K^+D^0$	9360	1	16729
9362	$e^+e^- \to \pi^+\omega K^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	9361	1	16730
9363	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^+K^-\bar{D}^{*-}\bar{K}_1^0\psi'$	1682	1	16731
9364	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^0K^-D^{*+}\bar{D}^{*-}$	9363	1	16732
9365	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+}$	9364	1	16733
9366	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^+D^{*0}\bar{D}^{*0}D_s^{*-}$	9365	1	16734
9367	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^{*+}\bar{D}^{*0}$	9366	1	16735
9368	$e^+e^- \to \pi^0\rho^-\omega\bar{K}^*K^+D^+D^-$	9367	1	16736
9369	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0K^+K^-D^0\bar{D}^0$	9368	1	16737
9370	$e^+e^- \to \pi^+\pi^-\rho^+D^-D_2^{*-}D_s^+$	1683	1	16738
9371	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0D^+D^-\bar{D}^0$	9370	1	16739
9372	$e^+e^- \to e^+\nu_eK^0K^{*-}D^+\bar{D}^{*-}$	9371	1	16740
9373	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^0K^+\eta'D^-\bar{D}^{*-}$	1684	1	16741
9374	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^+\bar{D}^{*-}$	9373	1	16742
9375	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^0$	9374	1	16743
9376	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0D^-D^{*+}$	9375	1	16744

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9377	$e^+e^- \to \pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}a_1^+$	9376	1	16745
9378	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^{*+}D^{*0}$	9377	1	16746
9379	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\eta D^{*+}D^{*+}$	9378	1	16747
9380	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\bar{K}^*K^+K^+D^+D^-\bar{D}^0$	9379	1	16748
9381	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^-\gamma$	1685	1	16749
9382	$e^+e^- \to \pi^0\pi^0\rho^+K^*K^-\phi\bar{D}^{*-}D_s^{*+}$	9381	1	16750
9383	$e^+e^- \to \pi^-\rho^-\omega K^+K^+K^-D^+D^{*+}\bar{D}^{*-}$	9382	1	16751
9384	$e^+e^- \to K^0K^0K^-D^+D^+D^-$	9383	1	16752
9385	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+D^{*0}\bar{D}^{*0}p\bar{p}$	9384	1	16753
9386	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*\bar{D}^0D_s^+\eta_c$	9385	1	16754
9387	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*K^-K^{*+}D^+D^-$	9386	1	16755
9388	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-K^+D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	9387	1	16756
9389	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega K^+K^-D^{*+}\bar{D}^{*-}$	9388	1	16757
9390	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\omega D^-D^{*+}$	9389	1	16758
9391	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^-D^0D_s^+$	389	1	16759
9392	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}D_s^-$	390	1	16760
9393	$e^+e^- \to \pi^-\bar{D}^{*-}\bar{D}^0D_s^+D_s^{*+}$	9392	1	16761
9394	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^0D_s^{*+}$	9393	1	16762
9395	$e^+e^- \to \pi^+\pi^-\rho^-K^-K^{*+}D^+D^-D_s^+$	9394	1	16763
9396	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^0$	9395	1	16764
9397	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^+D^-D^{*+}$	9396	1	16765
9398	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^{*-}D^-D^{*+}p\bar{p}$	9397	1	16766
9399	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^+\Delta^+\bar{\Xi}_c^0$	9398	1	16767
9400	$e^+e^- \to \rho^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	9399	1	16768
9401	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-D^+D^-$	9400	1	16769
9402	$e^+e^- \to \pi^0\pi^0\eta\omega K^0K^-K^{*+}D^+D_s^-$	9401	1	16770
9403	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	9402	1	16771
9404	$e^+e^- \to \tau^-\bar{\nu}_\tau\omega D^{*+}\bar{D}^{*-}D_s^+$	9403	1	16772
9405	$e^+e^- \to \pi^0\rho^-\eta\omega\bar{K}^0K^*D^+D^{*+}D_s^-$	9404	1	16773
9406	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^0D^{*+}D_s^{*-}D_s^{*-}$	1688	1	16774
9407	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^+D^+D^-\Delta^0\bar{\Delta}^0$	9406	1	16775
9408	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^+J/\psi$	9407	1	16776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9409	$e^+e^- \to \pi^-\eta\omega D^+D^{*+}\bar{D}^{*-}$	9408	1	16777
9410	$e^+e^- \to \pi^0\bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*-}D_s^{*+}$	391	1	16778
9411	$e^+e^- \to \rho^-\eta\bar{K}^*K^-D^+D^{*+}$	9410	1	16779
9412	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}D_s^-$	1690	1	16780
9413	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^0D_s^{*+}D_1^-$	9412	1	16781
9414	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-K^0K^-D^-D_0^{*-}$	1691	1	16782
9415	$e^+e^- \to \pi^-\omega D^{*+}D^{*+}p\bar{p}D_{s1}'^-$	9414	1	16783
9416	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^0K^0\bar{K}^0K^-D^+\bar{D}^{*-}$	9415	1	16784
9417	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_1'^+$	9416	1	16785
9418	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^{*+}D^-\bar{D}^0D^{*0}\bar{\Delta}^0\Delta^+$	9417	1	16786
9419	$e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	9418	1	16787
9420	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\omega\omega\bar{K}^0K^+D^-D^{*+}$	9419	1	16788
9421	$e^+e^- \to \pi^-\eta K^0\eta'D^+\Delta^+\bar{\Sigma}_c^-$	392	1	16789
9422	$e^+e^- \to \pi^0\rho^0\rho^+D^-\bar{D}^{*-}D_s^+$	9421	1	16790
9423	$e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0\eta'D^{*+}D^{*+}\Sigma^0\bar{\Sigma}^-$	1693	1	16791
9424	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-K^+K^-D^-D_2^{*+}D_s^-$	9423	1	16792
9425	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{D}^{*-}D^0$	9424	1	16793
9426	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-D^+D^-p\bar{p}$	9425	1	16794
9427	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\omega\omega D^+\bar{D}^{*-}$	9426	1	16795
9428	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}\Delta^+\bar{\Delta}^+$	9427	1	16796
9429	$e^+e^- \to \pi^0\pi^+K^+K^-\bar{D}^{*-}D^0$	9428	1	16797
9430	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-$	393	1	16798
9431	$e^+e^- \to e^+\nu_e\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}$	1695	1	16799
9432	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^{*-}D^+\bar{D}^{*-}$	9431	1	16800
9433	$e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}\Delta^0\bar{\Sigma}^{*+}$	9432	1	16801
9434	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-K^*D^{*0}p\bar{p}$	9433	1	16802
9435	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}\bar{n}p$	9434	1	16803
9436	$e^+e^- \to \pi^0D^+D^+D_s^{*-}n\bar{p}$	9435	1	16804
9437	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\omega\omega D^{*0}$	9436	1	16805
9438	$e^+e^- \to \rho^-\omega K^{*+}K^{*-}D^+D^0$	9437	1	16806
9439	$e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}K^{*+}\bar{D}^{*-}D^0$	394	1	16807
9440	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^*\bar{D}^{*-}J/\psi$	9439	1	16808

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9441	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta\omega\omega D^-\bar{n}\Sigma_c^0$	9440	1	16809
9442	$e^+e^- \to \pi^0\rho^0\pi^-\rho^- D^{*+}D_2^{*+}n\bar{n}\gamma$	9441	1	16810
9443	$e^+e^- \to \tau^+\nu_\tau D^- D^0\bar{n}\Sigma^0$	1697	1	16811
9444	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^{*+}K^{*-}D^-D^{*+}$	9443	1	16812
9445	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^-$	9444	1	16813
9446	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^0\bar{K}^0 D_s^{*+}D_1^+$	9445	1	16814
9447	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^{*+}D^{*0}$	1698	1	16815
9448	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^* D_2^{*-}\eta_c$	9447	1	16816
9449	$e^+e^- \to \pi^0\pi^0\rho^- K^0 D^{*+}p\bar{p}\psi(3770)$	9448	1	16817
9450	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^- D^{*+}\Delta^{++}\bar{\Delta}^{++}$	9449	1	16818
9451	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}\bar{n}p$	9450	1	16819
9452	$e^+e^- \to e^+e^+\nu_e\nu_e\pi^0 D^-\bar{D}^{*-}$	1699	1	16820
9453	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta K^+K^{*-}D^+D_1^-$	9452	1	16821
9454	$e^+e^- \to \rho^0\rho^0\pi^+\eta\omega K^*K^{*-}D^-D^{*+}$	9453	1	16822
9455	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\omega K^0K^{*-}D^-D_0^{*+}$	9454	1	16823
9456	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0K^*\bar{K}^*K^+D^-D^-$	1700	1	16824
9457	$e^+e^- \to \omega D_2^{*+}D_s^{*-}n\bar{\Sigma}_c^0$	9456	1	16825
9458	$e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^* D^- D^0\bar{D}^0$	1701	1	16826
9459	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega\eta' D^{*+}\bar{D}^{*-}$	9458	1	16827
9460	$e^+e^- \to \rho^0\rho^0\rho^+\eta\eta\eta K^0K^-\bar{D}^0 J/\psi$	9459	1	16828
9461	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0 D^{*+}D^{*+}$	9460	1	16829
9462	$e^+e^- \to \pi^+\pi^-\bar{K}^*K^+D^-D^0\bar{D}^{*0}$	1702	1	16830
9463	$e^+e^- \to \rho^0\rho^+\rho^+D^-D^-$	9462	1	16831
9464	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-}n\bar{p}$	9463	1	16832
9465	$e^+e^- \to e^-\bar{\nu}_e D^+D^{*+}\bar{D}^{*-}$	9464	1	16833
9466	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-K^*\bar{K}^*D^+D^-$	9465	1	16834
9467	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{K}^*\bar{K}^*D^-\bar{D}^{*-}D_s^+$	9466	1	16835
9468	$e^+e^- \to e^-\bar{\nu}_e K^+D_2^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	9467	1	16836
9469	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}D_1^-$	9468	1	16837
9470	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+\Sigma^{*0}\bar{\Xi}_c^{*-}$	9469	1	16838
9471	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*-}$	9470	1	16839
9472	$e^+e^- \to \pi^0\rho^0\pi^+K^-D^-D^{*+}\bar{D}^0$	9471	1	16840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9473	$e^+e^- \to \pi^0\pi^+\pi^-K^*D^+D^-D^0\bar{\Sigma}^+\Sigma^-$	1703	1	16841
9474	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}$	1704	1	16842
9475	$e^+e^- \to \rho^0\rho^0\pi^+\omega K^0K^-D^+\bar{D}^{*-}$	9474	1	16843
9476	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega K^0K^+K^-D^{*0}D_s^{*-}$	9475	1	16844
9477	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^*D^+D^0$	1705	1	16845
9478	$e^+e^- \to \mu^-\bar{\nu}_\mu K_L D_1^+\psi'$	9477	1	16846
9479	$e^+e^- \to e^+\nu_e\bar{D}^{*-}a_1^+D_1'^-$	9478	1	16847
9480	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+D^-n\bar{n}$	9479	1	16848
9481	$e^+e^- \to \pi^0\eta K^0K^{*-}D^{*+}D^0\bar{D}^{*0}\bar{D}^{*0}$	9480	1	16849
9482	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-D^0\bar{\Sigma}^0\Xi^0$	9481	1	16850
9483	$e^+e^- \to \tau^+\nu_\tau\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	9482	1	16851
9484	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+K^-\bar{D}^{*-}D^{*0}$	9483	1	16852
9485	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\omega D^-\bar{D}^{*-}$	9484	1	16853
9486	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^*D^-D^{*+}D_s^+$	9485	1	16854
9487	$e^+e^- \to \rho^0\rho^-\rho^-K^+K^-D^{*+}\bar{D}^{*0}D_s^+$	9486	1	16855
9488	$e^+e^- \to \rho^0\pi^-\bar{K}^*D^-D^{*+}D^{*+}$	9487	1	16856
9489	$e^+e^- \to \pi^0\pi^0\pi^-D^+D_s^+D_s^-$	9488	1	16857
9490	$e^+e^- \to \pi^+\pi^-K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}$	9489	1	16858
9491	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^+K^-D^-D^0\psi'$	9490	1	16859
9492	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta'D^+D^-$	9491	1	16860
9493	$e^+e^- \to \pi^+\rho^+\rho^-\omega\omega K^0\bar{K}^0D^-D^{*0}$	9492	1	16861
9494	$e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma_c^{*0}$	9493	1	16862
9495	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	9494	1	16863
9496	$e^+e^- \to \pi^+\eta K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Lambda$	1706	1	16864
9497	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^0$	9496	1	16865
9498	$e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^0D^-D^-D^{*+}$	9497	1	16866
9499	$e^+e^- \to \rho^+\rho^+\rho^-\rho^-D^+D^-n\bar{n}$	9498	1	16867
9500	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*+}$	9499	1	16868
9501	$e^+e^- \to e^+\nu_e\pi^-\rho^+K^0K^{*-}D^+\bar{D}^{*-}$	9500	1	16869
9502	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+D^-D_s^-$	9501	1	16870
9503	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-$	9502	1	16871
9504	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^-D^{*+}p\bar{p}$	9503	1	16872

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9505	$e^+e^- \to \rho^0\pi^-\eta\phi D^+\Delta^+\bar{\Xi}_c'^-$	9504	1	16873
9506	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^0$	9505	1	16874
9507	$e^+e^- \to \pi^0 K^0\bar{K}^0 D^+ D^-\bar{D}^0 D^{*0}$	9506	1	16875
9508	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}$	9507	1	16876
9509	$e^+e^- \to \rho^0\rho^-\omega\bar{K}^0 K^+ D^+ D^-$	1707	1	16877
9510	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^0\bar{K}^0 D^{*+} D_1'^-$	9509	1	16878
9511	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+} D^{*+}$	1708	1	16879
9512	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\omega K^0 K^0 K^{*-} D^-\bar{D}^{*-}$	9511	1	16880
9513	$e^+e^- \to \bar{K}^0 K^+ K^- K^- K^{*+} D^+ D^-\bar{D}^0$	9512	1	16881
9514	$e^+e^- \to e^-\bar{\nu}_e\pi^- K^+ D^+ D^0\bar{D}^0$	9513	1	16882
9515	$e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^0 D^+\bar{D}^{*-} D_{s1}'^+$	9514	1	16883
9516	$e^+e^- \to e^+\nu_e\pi^0\pi^+\omega\omega D^-\bar{D}^{*-}$	9515	1	16884
9517	$e^+e^- \to \pi^0\pi^+\eta D^- D^{*+} D^0\Sigma^-\bar{\Sigma}^0$	9516	1	16885
9518	$e^+e^- \to \rho^0\pi^-\rho^+ D^- D^0 D_s^{*+}$	103	1	16886
9519	$e^+e^- \to D^+ D^- D_{s0}^{*+} a_1^-$	9518	1	16887
9520	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^-\omega D^{*+} D^{*+}$	9519	1	16888
9521	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^*\bar{D}^{*0} J/\psi$	1710	1	16889
9522	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\bar{n}\Sigma_c^{*0}$	396	1	16890
9523	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\bar{K}^0 D^- D^- D^{*+}$	9522	1	16891
9524	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta' D^{*+}\bar{D}^0$	9523	1	16892
9525	$e^+e^- \to e^-\bar{\nu}_e\pi^0 K^0 D^{*+}\bar{D}^0 D^{*0}$	9524	1	16893
9526	$e^+e^- \to \rho^0\pi^+\rho^+\eta\omega K^{*-} D^-\bar{D}^0\gamma$	1712	1	16894
9527	$e^+e^- \to \rho^-\rho^- K^+ K^+ D^+\bar{D}^{*-} D^{*0}$	9526	1	16895
9528	$e^+e^- \to \pi^+\omega\omega\eta' D^{*+}\bar{D}^{*-} D_s^-$	9527	1	16896
9529	$e^+e^- \to \mu^+\nu_\mu\rho^+ D^-\bar{D}^{*-} p\bar{p}$	9528	1	16897
9530	$e^+e^- \to \pi^0\rho^-\eta\omega D^+\bar{D}^{*-} D_s^{*+}$	9529	1	16898
9531	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^0 D^{*0}$	9530	1	16899
9532	$e^+e^- \to \pi^-\rho^+ K^0 D^{*+}\bar{D}^0\bar{\Delta}^+\Xi_c^{*0}$	1713	1	16900
9533	$e^+e^- \to K^* D^- D^{*+} J/\psi\bar{K}_1^0$	9532	1	16901
9534	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^- D^+ D^-\bar{D}^0$	9533	1	16902
9535	$e^+e^- \to \rho^0\pi^+\eta K^- D^- D^{*+}\bar{D}^{*0}$	9534	1	16903
9536	$e^+e^- \to e^+\nu_e\pi^+\eta\eta D^-\bar{D}^{*-}$	9535	1	16904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9537	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^{*+}$	9536	1	16905
9538	$e^+e^- \to \eta\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*-}p\bar{\Lambda}$	9537	1	16906
9539	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^+\omega\omega K^+K^-K^-\bar{D}^{*-}$	9538	1	16907
9540	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega D^-D^{*0}D_s^-$	104	1	16908
9541	$e^+e^- \to \pi^-K^0K^-D^+\bar{D}^0D_s^{*+}$	9540	1	16909
9542	$e^+e^- \to \rho^0\pi^-\rho^-K^0\bar{K}^*D^+p\bar{\Sigma}_c^{*0}$	9541	1	16910
9543	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	9542	1	16911
9544	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^+D^+\bar{D}^{*-}D^0$	9543	1	16912
9545	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}D_s^+D_s^{*-}$	9544	1	16913
9546	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\omega D^-D^{*+}$	9545	1	16914
9547	$e^+e^- \to \rho^0K^0D^+D^-D_s^-D_1^+$	9546	1	16915
9548	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^0D^{*+}D_s^-n\bar{p}$	9547	1	16916
9549	$e^+e^- \to \rho^0\rho^0\pi^+K^+K^-K^{*-}D^+D^-\bar{D}^0$	9548	1	16917
9550	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-D^{*0}$	9549	1	16918
9551	$e^+e^- \to \mu^+\nu_\mu K^+D^+D^-\bar{p}\Sigma^{*-}$	9550	1	16919
9552	$e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-D^{*+}D_2^{*-}\bar{n}p$	9551	1	16920
9553	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	9552	1	16921
9554	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^-D_{s1}'^+$	9553	1	16922
9555	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-\bar{D}^{*0}$	9554	1	16923
9556	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}D^{*0}n\bar{\Delta}^0$	9555	1	16924
9557	$e^+e^- \to \pi^0K^-D^+D^-D_s^{*-}\Delta^{++}\bar{\Sigma}^0$	9556	1	16925
9558	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{K}^0D^-\bar{D}^{*-}D^{*0}$	9557	1	16926
9559	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+D^-\bar{\Sigma}^+\Sigma^0$	9558	1	16927
9560	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{K}^0K^*D^-D^{*+}$	9559	1	16928
9561	$e^+e^- \to e^+\nu_e\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	9560	1	16929
9562	$e^+e^- \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	9561	1	16930
9563	$e^+e^- \to \rho^0\pi^+K^0\bar{K}^0D^-D^{*+}a_1^-$	9562	1	16931
9564	$e^+e^- \to \pi^+\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}D_s^{*-}$	9563	1	16932
9565	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+K^-D^{*+}D_2^{*-}D_s^{*+}$	9564	1	16933
9566	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^+D^-$	9565	1	16934
9567	$e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0nn\bar{\Delta}^0\bar{p}$	9566	1	16935
9568	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^*D^-\bar{D}^{*0}$	9567	1	16936

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9569	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega\omega D^-\bar{D}^{*-}\bar{n}p$	9568	1	16937
9570	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\Delta^+\bar{\Delta}^+$	9569	1	16938
9571	$e^+e^- \to \pi^0\bar{K}^0K^{*+}K^{*+}D^-\bar{p}\Omega_c^0$	9570	1	16939
9572	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega\bar{K}^*K^+D^+$	9571	1	16940
9573	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	9572	1	16941
9574	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}D_1^-$	9573	1	16942
9575	$e^+e^- \to \rho^0\rho^-K^0K^{*-}D^+D^+$	9574	1	16943
9576	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega D^{*0}D^{*0}D_s^-$	9575	1	16944
9577	$e^+e^- \to \bar{K}^0D^-a_1^+a_0^0$	9576	1	16945
9578	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^-D_0^{*-}$	9577	1	16946
9579	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta K^-\bar{D}^0\bar{D}^0D^{*0}$	9578	1	16947
9580	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-}\Lambda\bar{\Sigma}^0D_1'^+$	9579	1	16948
9581	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\pi^-D^+D^{*+}$	9580	1	16949
9582	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\omega D^+\bar{D}^{*-}$	9581	1	16950
9583	$e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^{*+}\Delta^-\bar{\Delta}^0$	9582	1	16951
9584	$e^+e^- \to \pi^+\bar{K}^*D^+D^-n\bar{\Sigma}_c^-$	9583	1	16952
9585	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\omega\bar{D}^{*0}D_1^+$	9584	1	16953
9586	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	9585	1	16954
9587	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega D^+D^-D_s^+$	9586	1	16955
9588	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^-D^{*+}\bar{D}^{*-}$	105	1	16956
9589	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\bar{K}^*K^+\bar{D}^{*-}D_2^{*+}$	9588	1	16957
9590	$e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\omega\bar{K}^0K^+D^+\bar{D}^{*-}$	9589	1	16958
9591	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^-D^+D^-\bar{D}^0$	9590	1	16959
9592	$e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^*D^{*+}\bar{D}^0$	9591	1	16960
9593	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0D^-D_s^+$	9592	1	16961
9594	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta D^+\bar{D}^{*-}$	9593	1	16962
9595	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-K^0D^+\psi'$	1716	1	16963
9596	$e^+e^- \to \pi^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^{*+}$	9595	1	16964
9597	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\omega\omega D^{*+}D^{*+}p\bar{p}$	9596	1	16965
9598	$e^+e^- \to \pi^0\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}a_1^+$	9597	1	16966
9599	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\eta\eta K^0K^0K^-K^-\phi D^-D^{*+}$	9598	1	16967
9600	$e^+e^- \to \rho^0\rho^0\rho^+D^-\bar{D}^{*-}D_s^+$	9599	1	16968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9601	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^+K^{*-}D^+D^-\bar{D}^{*-}$	9600	1	16969
9602	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+D^-n\bar{\Sigma}_c^0$	1717	1	16970
9603	$e^+e^- \to \pi^0\pi^+\rho^+\eta K^0\bar{D}^{*-}\bar{D}^{*-}D^0$	9602	1	16971
9604	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-D^+\bar{D}^{*-}$	9603	1	16972
9605	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0D_s^{*+}$	9604	1	16973
9606	$e^+e^- \to e^+\nu_eX_u^-K^{*-}D^+\bar{D}^0$	9605	1	16974
9607	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}D_s^{*-}$	9606	1	16975
9608	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega\bar{K}^0K^+\bar{D}^{*-}D^0$	9607	1	16976
9609	$e^+e^- \to K^*K^-D^{*+}\bar{D}^{*0}\Lambda\bar{\Sigma}_c^0$	9608	1	16977
9610	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta K^-\bar{D}^{*-}$	399	1	16978
9611	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^*D^-D^{*+}\bar{D}^{*0}$	9610	1	16979
9612	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^+K^-D^{*+}D^{*+}\bar{D}^{*0}$	9611	1	16980
9613	$e^+e^- \to e^+\nu_e\pi^-\omega\bar{D}^0\bar{\Delta}^+\Sigma_c^{*+}$	9612	1	16981
9614	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-D^-D^-$	1719	1	16982
9615	$e^+e^- \to D^+D^{*0}nn\bar{\Delta}^0\bar{\Delta}^+\gamma$	9614	1	16983
9616	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-K^-D^-D_s^+$	1720	1	16984
9617	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\bar{K}^0D^{*+}$	9616	1	16985
9618	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}$	9617	1	16986
9619	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0D^+D^-$	9618	1	16987
9620	$e^+e^- \to \pi^0\pi^0\pi^+\eta\omega K^0K^-D^+\bar{D}^{*-}$	9619	1	16988
9621	$e^+e^- \to \bar{K}^0K^+K^-D^+J/\psi D_{s1}'^-$	9620	1	16989
9622	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_0^{*+}a_0^0$	9621	1	16990
9623	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-}$	9622	1	16991
9624	$e^+e^- \to \pi^+\pi^-K^0K^*K^{*-}D^{*+}\chi_{c0}$	9623	1	16992
9625	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\omega\omega K^0D^{*+}$	9624	1	16993
9626	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0K^{*-}D^-D^{*+}$	9625	1	16994
9627	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+}$	9626	1	16995
9628	$e^+e^- \to \pi^0\pi^0\rho^+K^+K^-\eta'\bar{D}^{*-}D_s^-D_s^{*+}$	9627	1	16996
9629	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^*K^*K^-D^-D^{*+}D^{*0}$	9628	1	16997
9630	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^+\eta_c$	1721	1	16998
9631	$e^+e^- \to \pi^-\pi^-\pi^-\pi^-\rho^+K^{*+}D^+D^+\bar{D}^0n\bar{n}$	9630	1	16999
9632	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^-D^{*+}D_s^+$	9631	1	17000

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9633	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D_0^{*-}D_1'^-$	9632	1	17001
9634	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\omega\bar{K}^0K^{*+}D^-D_0^{*+}$	9633	1	17002
9635	$e^+e^- \to \rho^0K^0\bar{K}^0\bar{K}^*\bar{K}^*D_s^{*+}D_s^{*-}$	9634	1	17003
9636	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^-D^+D^-\bar{D}^0$	9635	1	17004
9637	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta\omega D^-D^0$	9636	1	17005
9638	$e^+e^- \to \pi^+\eta\eta'D^+D^-D_s^-$	9637	1	17006
9639	$e^+e^- \to \pi^0\pi^0\pi^+D^+\bar{D}^{*-}np\bar{p}\bar{p}$	1722	1	17007
9640	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^+\bar{D}^{*-}$	1723	1	17008
9641	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{D}^0D^{*0}D_s^+$	9640	1	17009
9642	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\rho^+\eta'D^{*+}D^{*0}$	9641	1	17010
9643	$e^+e^- \to \rho^+\eta K^+K^{*-}D^-D^{*+}a_1^-$	9642	1	17011
9644	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$	9643	1	17012
9645	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-D^+D_s^{*+}D_1'^-$	9644	1	17013
9646	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}\gamma\gamma$	9645	1	17014
9647	$e^+e^- \to e^-\bar{\nu}_eK^+K^-\bar{D}^{*-}D_s^+D_0^{*+}$	9646	1	17015
9648	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*0}\bar{\Delta}^+\Sigma^+$	1724	1	17016
9649	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_s^{*-}\gamma$	1725	1	17017
9650	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^-D^{*+}$	9649	1	17018
9651	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^+\bar{\Delta}^+\Sigma_c^+$	9650	1	17019
9652	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0D^-D^{*0}D_s^{*+}$	9651	1	17020
9653	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^{*+}D^-D^{*+}D^0$	9652	1	17021
9654	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-D_s^{*+}D_1'^-$	9653	1	17022
9655	$e^+e^- \to \pi^0\eta D^{*+}D_s^-\bar{\Delta}^0\Sigma^{*0}$	9654	1	17023
9656	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}$	9655	1	17024
9657	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^{*+}D^{*0}$	1726	1	17025
9658	$e^+e^- \to \rho^0D^{*+}\bar{n}\Sigma_c^0D_{s1}'^-$	400	1	17026
9659	$e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}\bar{n}\Xi_c'^+$	9658	1	17027
9660	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega\eta'D^-D^{*+}$	9659	1	17028
9661	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\rho^-D^-D_2^{*+}$	9660	1	17029
9662	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0K^{*-}D^+D^{*+}$	9661	1	17030
9663	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^*K^+K^-\bar{D}^{*-}D_s^+$	9662	1	17031
9664	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\omega\omega K^0K^-D^+D^-$	9663	1	17032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9665	$e^+e^- \to \mu^-\bar{\nu}_\mu K_L D^{*+}\psi'$	9664	1	17033
9666	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^*\bar{D}^{*-}J/\psi$	9665	1	17034
9667	$e^+e^- \to \pi^0\pi^+\eta\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	9666	1	17035
9668	$e^+e^- \to \tau^+\nu_\tau K^0K^-D^+D_0^{*-}$	9667	1	17036
9669	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+D^-\bar{n}\Sigma_c^0$	9668	1	17037
9670	$e^+e^- \to D^-D_s^+D_s^+\bar{\Delta}^+\Sigma^0$	9669	1	17038
9671	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	9670	1	17039
9672	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}J/\psi$	106	1	17040
9673	$e^+e^- \to K^+D^+D^-D^0D_s^{*-}$	9672	1	17041
9674	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0K^*K^{*-}D^-D^{*+}$	9673	1	17042
9675	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^-\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	9674	1	17043
9676	$e^+e^- \to K^0D^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	1729	1	17044
9677	$e^+e^- \to \pi^0\pi^+\rho^-K^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	9676	1	17045
9678	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^0\bar{D}^0D_0^{*+}$	9677	1	17046
9679	$e^+e^- \to \rho^0\pi^-\eta D^+D^{*+}D_{s0}^{*-}$	9678	1	17047
9680	$e^+e^- \to \pi^0\rho^0\pi^+\eta K^-\eta'D^+\bar{D}^{*-}$	9679	1	17048
9681	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+K^-\phi\bar{D}^{*-}D^{*0}$	9680	1	17049
9682	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	9681	1	17050
9683	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-D^+D^-D_s^{*+}$	9682	1	17051
9684	$e^+e^- \to \rho^-\omega K^0\eta_c\bar{n}\Sigma_c^+$	9683	1	17052
9685	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}\bar{\Delta}^-p$	402	1	17053
9686	$e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}D_1'^-$	9685	1	17054
9687	$e^+e^- \to \rho^-\omega K^*D^+D^-D^{*+}$	9686	1	17055
9688	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega\bar{K}^0K^*D^-\bar{D}^{*-}$	9687	1	17056
9689	$e^+e^- \to \rho^0\pi^-K^0K^+D^{*+}K_0^{*-}$	9688	1	17057
9690	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+K^*D^{*+}D_s^-$	9689	1	17058
9691	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+K^-D^{*+}\bar{D}^{*-}$	9690	1	17059
9692	$e^+e^- \to \eta\bar{K}^0K^{*+}D^-K_1^0\gamma$	9691	1	17060
9693	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^+D^-\Delta^{++}\bar{\Delta}^{++}$	9692	1	17061
9694	$e^+e^- \to e^+\nu_eK^+K^-D^{*+}\bar{D}^{*-}D_s^-$	9693	1	17062
9695	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\bar{D}^{*-}D_1'^+$	1731	1	17063
9696	$e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Sigma}^-$	403	1	17064

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9697	$e^+e^- \to \pi^0\rho^0\eta K^0 D^{*+}\bar{D}^{*-}D^0$	9696	1	17065
9698	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0\bar{D}^0 J/\psi$	9697	1	17066
9699	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-}$	9698	1	17067
9700	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ K^0 K^{*-} D^{*+}\bar{D}^{*-}$	9699	1	17068
9701	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}D^{*0}D_s^{*+}$	9700	1	17069
9702	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-}$	9701	1	17070
9703	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega D^{*0}\bar{D}^{*0}$	9702	1	17071
9704	$e^+e^- \to \pi^+\omega\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	9703	1	17072
9705	$e^+e^- \to \pi^-\rho^+\rho^-\eta\bar{K}^0 D^+ D^+\bar{D}^{*-}$	9704	1	17073
9706	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}\bar{n}p$	1733	1	17074
9707	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0\bar{K}^0 D^- D^-$	9706	1	17075
9708	$e^+e^- \to \bar{K}^0\bar{K}^* D^{*+}\bar{D}^{*-}J/\psi$	9707	1	17076
9709	$e^+e^- \to \pi^0\rho^-\omega K^+\bar{D}^{*-}D^0\bar{D}^{*0}\bar{n}p$	9708	1	17077
9710	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0 K^+ K^+\bar{D}^{*-}$	9709	1	17078
9711	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}$	9710	1	17079
9712	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^{*+}D^{*+}$	1734	1	17080
9713	$e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	9712	1	17081
9714	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^- D^+ D^{*+}$	9713	1	17082
9715	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\bar{K}^0\bar{K}^* K^+ K^+ D^+ D^- D_s^+$	9714	1	17083
9716	$e^+e^- \to \pi^0 K^0 J/\psi\bar{p}\Lambda_c^+$	9715	1	17084
9717	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^-\omega K^+ D^{*+}$	9716	1	17085
9718	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D_s^+$	9717	1	17086
9719	$e^+e^- \to e^+\nu_e\pi^0 K^- D^{*+}\bar{D}^0 D_1^-$	9718	1	17087
9720	$e^+e^- \to D^- D^{*+} D_s^{*-}\bar{\Delta}^0 p$	1735	1	17088
9721	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\eta D^-\bar{D}^{*-}$	9720	1	17089
9722	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\eta\omega\omega D^{*+}\bar{D}^{*0}$	107	1	17090
9723	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^- K^{*-} D^+ D_1'^-$	9722	1	17091
9724	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^0 D^- D^{*+}\bar{D}^{*-}$	9723	1	17092
9725	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^+\rho^-\rho^- D^+$	9724	1	17093
9726	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\eta\eta D^-\bar{D}^{*-}$	9725	1	17094
9727	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0 D^+ D^- D^0 D_s^{*-}$	9726	1	17095
9728	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^* K^+ D^- D^{*+}$	9727	1	17096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9729	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^+\rho^-D^-\bar{D}^{*-}$	9728	1	17097
9730	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\omega D^+D^{*+}$	9729	1	17098
9731	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	9730	1	17099
9732	$e^+e^- \to \pi^+\pi^+\pi^-K^*K^{*-}\eta_c J/\psi$	9731	1	17100
9733	$e^+e^- \to \eta K^{*+}\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Sigma_c^0$	9732	1	17101
9734	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}D^{*+}a_1^-$	9733	1	17102
9735	$e^+e^- \to \rho^-\eta\omega\bar{K}^*K^{*+}D^-D^{*+}$	9734	1	17103
9736	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega K^0\bar{D}^{*-}\bar{\Delta}^0\Xi_c^+$	9735	1	17104
9737	$e^+e^- \to e^-\bar{\nu}_e\omega D_2^{*+}n\bar{\Xi}_c^{\prime 0}$	9736	1	17105
9738	$e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}\Delta^0\bar{p}$	9737	1	17106
9739	$e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0D^0\bar{D}^0n\bar{\Sigma}_c^{*-}$	9738	1	17107
9740	$e^+e^- \to \rho^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^0D^{*0}$	9739	1	17108
9741	$e^+e^- \to \eta\bar{K}^0K^+\bar{D}^{*-}D^{*0}\eta_c$	9740	1	17109
9742	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta K^-\bar{D}^0D_s^+D_1^{\prime -}$	9741	1	17110
9743	$e^+e^- \to \rho^0D^-\bar{D}^{*-}\bar{n}pD_{s1}^{\prime +}$	9742	1	17111
9744	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}a_1^+\gamma$	9743	1	17112
9745	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+D_2^{*-}$	9744	1	17113
9746	$e^+e^- \to K^*\bar{K}^*\bar{D}^0D^{*0}J/\psi$	9745	1	17114
9747	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^-D^{*+}D^{*+}$	9746	1	17115
9748	$e^+e^- \to \pi^-\rho^-\bar{K}^0\bar{K}^*K^+K^+D^+\bar{D}^{*-}$	9747	1	17116
9749	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	9748	1	17117
9750	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^0D^-D^{*+}D^{*+}$	9749	1	17118
9751	$e^+e^- \to \pi^0\eta\eta D^+D^-D_s^{*+}D_s^{*-}$	9750	1	17119
9752	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+D^-D_{s1}^{\prime -}$	9751	1	17120
9753	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega\bar{D}^{*-}D_1^{\prime +}$	9752	1	17121
9754	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}D_2^{*+}$	405	1	17122
9755	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}D^{*0}$	9754	1	17123
9756	$e^+e^- \to \pi^-\pi^-\eta\omega K^0D^{*+}D^{*+}\bar{D}^0$	9755	1	17124
9757	$e^+e^- \to \pi^0\rho^+D^{*+}nn\bar{p}\bar{\Sigma}_c^-$	9756	1	17125
9758	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^-D^{*+}D_s^+$	9757	1	17126
9759	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}J/\psi$	9758	1	17127
9760	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+D^-D_s^+$	9759	1	17128

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9761	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*K^*K^-D^{*+}$	9760	1	17129
9762	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^{*-}D^-D^{*+}$	9761	1	17130
9763	$e^+e^- \to \pi^0\rho^-K^0K^-D^+D^{*+}\bar{D}^0\bar{D}^0$	406	1	17131
9764	$e^+e^- \to \pi^0\pi^+\omega K^+K^-K^-D^-D^0\bar{n}p$	9763	1	17132
9765	$e^+e^- \to \pi^0\pi^-\omega\bar{D}^0\bar{D}^{*0}D_s^+$	9764	1	17133
9766	$e^+e^- \to \pi^+\eta\eta D^+D^-\bar{D}^{*-}$	9765	1	17134
9767	$e^+e^- \to D^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	9766	1	17135
9768	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\eta\eta D^-\bar{D}^{*-}$	7	1	17136
9769	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^+D_2^{*-}D_s^+$	1740	1	17137
9770	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\bar{K}^0D^-D^0\bar{D}^0$	9769	1	17138
9771	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-D^+\bar{D}^{*0}$	1741	1	17139
9772	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}D_1^-$	9771	1	17140
9773	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^-K^{*+}D^+D^-$	9772	1	17141
9774	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-\omega\omega D^{*+}D^{*+}$	9773	1	17142
9775	$e^+e^- \to \mu^+\nu_\mu\omega D^{*+}\bar{D}^{*-}n\bar{p}$	9774	1	17143
9776	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	9775	1	17144
9777	$e^+e^- \to \pi^+\pi^-D^{*+}D_s^{*-}p\bar{\Lambda}_c^-$	9776	1	17145
9778	$e^+e^- \to \tau^+\nu_\tau D^-D_0^{*-}D_{s1}^+$	1742	1	17146
9779	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	9778	1	17147
9780	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega K^*D^+D_s^-$	9779	1	17148
9781	$e^+e^- \to \pi^+K^*\bar{K}^*K^+D^-\bar{D}^{*-}D^0$	9780	1	17149
9782	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^-D^{*+}\bar{n}\Delta^{++}$	9781	1	17150
9783	$e^+e^- \to \pi^0\pi^-\eta D^{*+}D_s^{*+}D_1^-$	9782	1	17151
9784	$e^+e^- \to K^*K^*K^{*-}D^{*+}D^{*+}\bar{D}^{*-}$	9783	1	17152
9785	$e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-}$	9784	1	17153
9786	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}a_1^-$	9785	1	17154
9787	$e^+e^- \to \tau^+\nu_\tau\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	9786	1	17155
9788	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^-D^+D^{*+}$	9787	1	17156
9789	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	9788	1	17157
9790	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{D}^{*-}$	9789	1	17158
9791	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0\phi D^+\bar{D}^{*-}$	9790	1	17159
9792	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^+K^-D^-D^{*+}$	9791	1	17160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9793	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}\bar{n}\Delta^0$	9792	1	17161
9794	$e^+e^- \to \pi^+\pi^-\omega D^-D^{*0}\bar{\Delta}^0\Delta^+$	9793	1	17162
9795	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^+K^-D^+\bar{D}^{*-}$	9794	1	17163
9796	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-D^+D^-\bar{n}p$	9795	1	17164
9797	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-K^+K^-D^+\bar{D}^{*-}D_s^{*+}$	9796	1	17165
9798	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-$	9797	1	17166
9799	$e^+e^- \to \pi^+\pi^-\pi^-K^0K^0\bar{K}^0\bar{K}^*D^{*+}\chi_{c0}$	9798	1	17167
9800	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-}$	9799	1	17168
9801	$e^+e^- \to \rho^0\pi^+\bar{D}^{*-}p\bar{p}\bar{\Delta}^+\Xi_c^{*+}$	408	1	17169
9802	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+\eta'D^{*+}\bar{D}^0D_{s1}'^-$	9801	1	17170
9803	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^+D_1'^-$	9802	1	17171
9804	$e^+e^- \to \rho^+\rho^-D^+D^-$	9803	1	17172
9805	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D_2^{*+}D_s^+$	409	1	17173
9806	$e^+e^- \to D^{*+}\bar{D}^{*-}D_2^{*+}D_s^-$	9805	1	17174
9807	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^{*+}D^-D_2^{*+}$	9806	1	17175
9808	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^-D_2^{*+}$	9807	1	17176
9809	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-K^*K^{*-}D^+\bar{D}^{*-}$	9808	1	17177
9810	$e^+e^- \to \tau^+\nu_\tau\pi^0K^*D^+\bar{D}^{*-}\bar{D}^{*-}$	9809	1	17178
9811	$e^+e^- \to \pi^+\pi^-K^+\phi D^+D^-a_1^-\gamma$	9810	1	17179
9812	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+D^{*+}\bar{D}^{*-}n\bar{p}$	9811	1	17180
9813	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*0}\bar{\Delta}^0p$	9812	1	17181
9814	$e^+e^- \to K^+K^{*-}D^+\bar{D}^{*-}D^0\bar{D}^{*0}$	1745	1	17182
9815	$e^+e^- \to \rho^0\rho^+\rho^-\rho^-\omega D^+D^{*0}$	9814	1	17183
9816	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+K^-\bar{D}^{*-}\chi_{c1}$	1746	1	17184
9817	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+D_1'^-$	9816	1	17185
9818	$e^+e^- \to \rho^0\pi^+\eta K^*D^+D^-D^-$	9817	1	17186
9819	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-D^+D_s^{*+}D_1^-$	1747	1	17187
9820	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-D^{*+}$	9819	1	17188
9821	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1^+$	9820	1	17189
9822	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-\bar{\Delta}^0\Sigma_c^0$	9821	1	17190
9823	$e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^{*+}p\bar{p}$	9822	1	17191
9824	$e^+e^- \to \pi^+\bar{K}^0D^0D^0\bar{D}^{*0}D_s^{*-}$	9823	1	17192

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9825	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-D^0D_1'^-$	1748	1	17193
9826	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^*K^{*-}D^+D^-n\bar{n}$	9825	1	17194
9827	$e^+e^- \to \rho^0\pi^-\bar{K}^0D^{*+}\bar{\Sigma}^{*0}\Sigma_c^{*0}$	109	1	17195
9828	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}$	9827	1	17196
9829	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^+\bar{D}^{*-}D_{s1}'^+$	9828	1	17197
9830	$e^+e^- \to \rho^0\pi^-\rho^+\eta\eta'D^+D^-$	9829	1	17198
9831	$e^+e^- \to \bar{K}^*K^-D^+D^{*+}\Delta^-\bar{\Delta}^0$	9830	1	17199
9832	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^0\bar{K}^0D_s^{*-}D_1'^+$	9831	1	17200
9833	$e^+e^- \to \pi^0\rho^-\eta K^+D^{*+}\Sigma^{*0}\bar{\Lambda}_c^-$	9832	1	17201
9834	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	9833	1	17202
9835	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0K^*D^+D^-D_s^{*-}$	9834	1	17203
9836	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-\bar{D}^0D_s^+D_s^-$	9835	1	17204
9837	$e^+e^- \to \rho^+D^-\bar{D}^{*-}a_1^+$	411	1	17205
9838	$e^+e^- \to \pi^-\omega D^{*+}\bar{n}\bar{\Delta}^0\Sigma^-\Lambda_c^+$	9837	1	17206
9839	$e^+e^- \to \pi^0\omega D^0D^{*0}n\bar{\Delta}^0$	9838	1	17207
9840	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^+\bar{D}^{*-}n\bar{n}$	9839	1	17208
9841	$e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	9840	1	17209
9842	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\pi^+D^-$	9841	1	17210
9843	$e^+e^- \to \pi^0\pi^-K^0K^-D^{*+}\bar{D}^0D_s^{*+}$	9842	1	17211
9844	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^0K^0D^+D^+D_s^{*-}$	9843	1	17212
9845	$e^+e^- \to D^{*+}D^{*+}\bar{D}^{*-}D_s^-$	9844	1	17213
9846	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_s^{*+}$	9845	1	17214
9847	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+D^+$	9846	1	17215
9848	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\bar{K}^0K^+D^-D_2^{*+}$	9847	1	17216
9849	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^0\bar{K}^*D^+D^-$	9848	1	17217
9850	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+D_1^-$	9849	1	17218
9851	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*+}\bar{n}pp\bar{\Delta}^{++}$	9850	1	17219
9852	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^0\bar{D}^{*0}D_s^+$	9851	1	17220
9853	$e^+e^- \to e^+\nu_e\pi^0D^+n\bar{p}D_1^-$	9852	1	17221
9854	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta\omega\bar{K}^0\eta'\bar{D}^{*-}$	9853	1	17222
9855	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0}$	1751	1	17223
9856	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}D_2^{*+}$	9855	1	17224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9857	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+\phi D^-D^{*+}$	9856	1	17225
9858	$e^+e^- \to \pi^+\omega\omega\bar{D}^{*-}\bar{D}^0p\bar{\Delta}^+$	9857	1	17226
9859	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0D^+D^-$	9858	1	17227
9860	$e^+e^- \to \pi^+\eta K^0K^{*-}D^+\Delta^+\bar{\Sigma}_c^{--}$	9859	1	17228
9861	$e^+e^- \to \pi^+\rho^+\rho^-\rho^-\eta\omega K^+K^-D^{*+}\bar{D}^{*-}$	9860	1	17229
9862	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^0$	9861	1	17230
9863	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	1752	1	17231
9864	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{D}^{*-}$	9863	1	17232
9865	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}\Delta^{++}\bar{\Delta}^{++}$	9864	1	17233
9866	$e^+e^- \to \pi^0\rho^+\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{--}$	9865	1	17234
9867	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-\bar{n}p$	9866	1	17235
9868	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta K^{*+}D^+\bar{D}^{*-}D^{*0}n\bar{p}$	9867	1	17236
9869	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-K^-\bar{D}^{*-}D^0$	9868	1	17237
9870	$e^+e^- \to \pi^0\rho^+\bar{K}^0K^+K^-K^{*-}D^-\bar{D}^0D_s^+$	9869	1	17238
9871	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\omega\omega D^{*+}D_1'^-$	1753	1	17239
9872	$e^+e^- \to \rho^0\rho^0\pi^+\omega K^0K^-D^+D^-$	9871	1	17240
9873	$e^+e^- \to e^+\nu_e\pi^+\eta\bar{D}^{*-}D_2^{*-}$	9872	1	17241
9874	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^{*+}D^0\bar{D}^{*0}$	9873	1	17242
9875	$e^+e^- \to \rho^+D^-D^{*0}D_s^+D_s^{*-}$	9874	1	17243
9876	$e^+e^- \to \rho^0\pi^+D^{*+}D_s^{*-}\bar{\Delta}^{++}\Lambda_c^+$	110	1	17244
9877	$e^+e^- \to \bar{K}^*K^-K^{*+}D^-\bar{\Delta}^0\Sigma_c^{*+}$	9876	1	17245
9878	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^0D_s^+D_1^-$	9877	1	17246
9879	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_1^+a_1^+$	9878	1	17247
9880	$e^+e^- \to \pi^0\eta\bar{K}^*K^+D^-D_2^{*-}D_s^+$	1755	1	17248
9881	$e^+e^- \to \rho^+D^-D^{*+}a_1^-\gamma$	9880	1	17249
9882	$e^+e^- \to \pi^+\bar{K}^*D^-\bar{D}^{*-}D^0D_{s1}'^+$	9881	1	17250
9883	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+D^-D_2^{*+}$	9882	1	17251
9884	$e^+e^- \to \pi^0\rho^+\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	1756	1	17252
9885	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^{*+}D^-D^0p\bar{p}$	9884	1	17253
9886	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega\omega D^-\bar{D}^{*-}$	9885	1	17254
9887	$e^+e^- \to \rho^0\pi^+\rho^-\eta\omega\bar{D}^{*-}D_2^{*+}\gamma$	9886	1	17255
9888	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-K^-D_s^+D_0^{*+}$	9887	1	17256

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9889	$e^+e^- \to \mu^+\nu_\mu\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	9888	1	17257
9890	$e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^0\bar{\Delta}^0 p$	9889	1	17258
9891	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\eta K^*\bar{K}^*K^+D^{*+}\bar{D}^0$	1757	1	17259
9892	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+D^-D^{*+}\Sigma^0\bar{\Sigma}^-$	9891	1	17260
9893	$e^+e^- \to \pi^+\pi^-\pi^-K^-D^+D^{*+}\bar{D}^{*0}\Sigma^+\bar{\Sigma}^-$	9892	1	17261
9894	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+}D_s^{*-}$	9893	1	17262
9895	$e^+e^- \to \tau^+\nu_\tau\pi^0K^0K^+K^{*-}K^{*-}D^{*+}D_1'^-$	9894	1	17263
9896	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\bar{D}^{*0}D_1^+$	413	1	17264
9897	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta K^-D^{*0}$	1759	1	17265
9898	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}a_1^-\gamma$	9897	1	17266
9899	$e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{\Delta}^+\Xi_c^{*0}$	9898	1	17267
9900	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0K^+K^{*-}\bar{\Sigma}^0\Sigma^+D_1^+$	9899	1	17268
9901	$e^+e^- \to \pi^-K^*K^+K^{*-}D^+D^{*+}\bar{D}^{*-}$	9900	1	17269
9902	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_s^{*+}D_1'^+$	9901	1	17270
9903	$e^+e^- \to \pi^-\bar{K}^*K^+K^-D^{*+}D^{*+}\bar{D}^{*-}$	9902	1	17271
9904	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^{*+}D^{*+}\bar{D}^{*-}D^0$	9903	1	17272
9905	$e^+e^- \to \rho^+\rho^-\eta\omega K_2^{*0}J/\psi$	1760	1	17273
9906	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^-D^{*+}D_s^+$	9905	1	17274
9907	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta K^0K^0K^-D^-D^{*+}$	9906	1	17275
9908	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0K^*\phi D^{*+}D_s^{*-}$	9907	1	17276
9909	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^+D^-$	9908	1	17277
9910	$e^+e^- \to \pi^0\rho^0\pi^-K^0\phi D^{*+}$	9909	1	17278
9911	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^+D^-\Delta^+\bar{\Delta}^+$	9910	1	17279
9912	$e^+e^- \to \pi^0\bar{K}^*D^+D^-\bar{D}^{*-}D_{s1}'^+$	9911	1	17280
9913	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\bar{D}^{*-}D^0D_s^{*-}$	9912	1	17281
9914	$e^+e^- \to \pi^0\pi^0\pi^+K^*\phi D^-K_0^0$	9913	1	17282
9915	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-K^+K^-D^+D^-$	9914	1	17283
9916	$e^+e^- \to \rho^0\pi^+\pi^-K^0\bar{K}^*K^-D^+\Delta^+\bar{\Sigma}_c^-$	9915	1	17284
9917	$e^+e^- \to \pi^-\pi^-\bar{K}^0K^{*+}\eta_c a_1^+$	9916	1	17285
9918	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+\bar{D}^{*-}$	9917	1	17286
9919	$e^+e^- \to \bar{D}^{*-}D_s^{*+}\bar{\Delta}^+\Sigma^0D_{s1}'^+\gamma$	9918	1	17287
9920	$e^+e^- \to \eta K^0\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-}$	9919	1	17288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9921	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta K^+D^{*+}D^0\bar{D}^{*0}$	9920	1	17289
9922	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D_2^{*+}J/\psi$	9921	1	17290
9923	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-K^{*-}D^+D^-\bar{D}^{*0}$	9922	1	17291
9924	$e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}D^0\bar{D}^0$	9923	1	17292
9925	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^{*-}D^0\bar{D}^{*0}$	9924	1	17293
9926	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}$	9925	1	17294
9927	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*-}\bar{D}^{*0}$	9926	1	17295
9928	$e^+e^- \to \rho^+\omega D^+\bar{D}^{*-}D_s^-\gamma$	9927	1	17296
9929	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}$	9928	1	17297
9930	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	9929	1	17298
9931	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\bar{D}^0D^{*0}n\bar{\Lambda}_c^-$	1761	1	17299
9932	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-K^0D^{*+}\chi_{c0}$	9931	1	17300
9933	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0D^{*+}\bar{D}^{*0}$	1762	1	17301
9934	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0D^0\bar{D}^0D_1^-$	9933	1	17302
9935	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\Delta^0\bar{\Sigma}_c^-$	9934	1	17303
9936	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^+D^{*+}n\bar{n}$	414	1	17304
9937	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\bar{K}^*\bar{D}^{*-}p\bar{\Sigma}_c^{*--}$	9936	1	17305
9938	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta\eta D^{*+}D^{*+}$	9937	1	17306
9939	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^+\bar{D}^{*0}$	9938	1	17307
9940	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^-n\bar{\Delta}^0D_1'^+$	9939	1	17308
9941	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^{*0}\bar{D}^{*0}\bar{p}\Delta^+$	9940	1	17309
9942	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	9941	1	17310
9943	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-K^+D^-\bar{D}^{*-}$	9942	1	17311
9944	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}n\bar{p}$	9943	1	17312
9945	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0D^{*0}D_s^{*+}D_s^{*-}$	1764	1	17313
9946	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0D^+\bar{D}^0$	9945	1	17314
9947	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	1765	1	17315
9948	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-\omega D^+D_1'^+$	1766	1	17316
9949	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\rho^-D^+D^-$	9948	1	17317
9950	$e^+e^- \to \rho^-\omega K^-K^{*+}D^+D^-D_s^+$	1767	1	17318
9951	$e^+e^- \to \pi^+\pi^-K^0K^*K^+K^{*-}\eta_c n\bar{n}$	9950	1	17319
9952	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^+D^{*+}D_s^+D_s^{*-}$	9951	1	17320

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9953	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^-D^{*+}$	9952	1	17321
9954	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^{*+}D^{*+}D^{*0}$	9953	1	17322
9955	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+D^-D^-$	9954	1	17323
9956	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+D^+D^-$	9955	1	17324
9957	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^+K^-D^{*+}\bar{D}^{*-}$	9956	1	17325
9958	$e^+e^- \to K^*K^-K^-D^{*+}\bar{\Lambda}\Xi_c'^+$	9957	1	17326
9959	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^*D^-D^{*0}\eta_c$	9958	1	17327
9960	$e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau\eta D^-D_1^-$	9959	1	17328
9961	$e^+e^- \to e^+\nu_e\rho^+\rho^-K^{*-}D^-D^{*+}$	9960	1	17329
9962	$e^+e^- \to e^-\bar{\nu}_e\omega D^{*+}p\bar{\Sigma}_c^-$	9961	1	17330
9963	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega\bar{K}^0K^*D^-D_1'^-$	9962	1	17331
9964	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*\bar{D}^{*-}\eta_c$	9963	1	17332
9965	$e^+e^- \to \rho^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^-$	9964	1	17333
9966	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{D}^0\bar{D}^0n\bar{n}$	9965	1	17334
9967	$e^+e^- \to \rho^0\pi^+\rho^-\eta\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	9966	1	17335
9968	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-D^-D^{*+}$	9967	1	17336
9969	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	9968	1	17337
9970	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+D^-D_1^+$	1768	1	17338
9971	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^0K^*D^-D^-$	1769	1	17339
9972	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0\bar{D}^0D^{*0}D_1^+$	9971	1	17340
9973	$e^+e^- \to e^+\nu_e\rho^-D^{*+}D_2^{*-}$	111	1	17341
9974	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^+\bar{n}\Sigma_c^0$	9973	1	17342
9975	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^+D^-$	9974	1	17343
9976	$e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*0}\chi_{c1}$	9975	1	17344
9977	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+D^-\bar{D}^{*-}$	1771	1	17345
9978	$e^+e^- \to \rho^+\eta\bar{D}^{*-}J/\psi K_1^0$	9977	1	17346
9979	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\omega\bar{K}^0K^+D^+D^-D_{s1}'^-$	9978	1	17347
9980	$e^+e^- \to \rho^0\rho^+\eta K^0\bar{K}^0D^-D^-\bar{n}p$	9979	1	17348
9981	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^{*+}\bar{D}^0$	9980	1	17349
9982	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^0p\bar{\Sigma}_c^0$	1772	1	17350
9983	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^+D^+\bar{D}^0$	9982	1	17351
9984	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\eta K^*D^+\bar{D}^0$	9983	1	17352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
9985	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\eta\omega K^+D^+\bar{D}^{*0}$	9984	1	17353
9986	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^-$	9985	1	17354
9987	$e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+D^+\bar{D}^{*-}\bar{D}^0$	9986	1	17355
9988	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^0K^-D^-\bar{p}\Sigma_c^{++}$	9987	1	17356
9989	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^+K^+K^{*-}J/\psi$	9988	1	17357
9990	$e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^0\bar{\Delta}^0\Delta^+\bar{\Lambda}\Sigma^0$	9989	1	17358
9991	$e^+e^- \to \pi^0\pi^0\pi^0K^*K^+K^{*-}\bar{D}^{*0}$	9990	1	17359
9992	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^0K^+D^-D^-$	9991	1	17360
9993	$e^+e^- \to \pi^-\pi^-\omega\omega K^*D^{*+}\bar{\Lambda}\Xi_c^+$	416	1	17361
9994	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D_2^{*+}\bar{D}^0$	9993	1	17362
9995	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}$	9994	1	17363
9996	$e^+e^- \to \pi^0\pi^0\pi^+K^*D^+\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^{++}$	9995	1	17364
9997	$e^+e^- \to \rho^0\pi^-\omega D^{*+}D^{*+}D_{s1}'^-$	9996	1	17365
9998	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\eta K^0\bar{K}^0D^-D^{*+}D_s^-$	9997	1	17366
9999	$e^+e^- \to \pi^-\rho^+\eta D^+D^-n\bar{n}$	9998	1	17367
10000	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0K^-D_2^{*+}\bar{D}^{*0}D_s^-$	9999	1	17368
10001	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D_2^{*-}D^0D_s^{*+}\bar{n}p$	10000	1	17369
10002	$e^+e^- \to \pi^0\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}a_1^+$	1774	1	17370
10003	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\eta K^0D_0^{*+}$	10002	1	17371
10004	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^+D^-\bar{D}^{*-}$	10003	1	17372
10005	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^0D_s^+$	10004	1	17373
10006	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^+K^{*-}D^+D^-D_s^{*-}$	10005	1	17374
10007	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{D}^{*-}$	10006	1	17375
10008	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-K^*K^-D^+D^+$	10007	1	17376
10009	$e^+e^- \to \pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	10008	1	17377
10010	$e^+e^- \to \pi^-\rho^+\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	10009	1	17378
10011	$e^+e^- \to K^0K^{*-}D^{*+}\bar{D}^{*-}\bar{n}p$	10010	1	17379
10012	$e^+e^- \to e^+\nu_eD^-D_s^{*+}\bar{\Delta}^+\Lambda$	112	1	17380
10013	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\pi^-K^0\bar{K}^0D^{*+}$	10012	1	17381
10014	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^{*0}\Sigma^0\bar{\Xi}_c^{*0}$	10013	1	17382
10015	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0$	10014	1	17383
10016	$e^+e^- \to \pi^0\rho^-\eta\eta D^+D^-D^{*+}\gamma$	10015	1	17384

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10017	$e^+e^- \to \pi^0\pi^0\rho^+K^0K^-D^-D^{*+}D^0$	10016	1	17385
10018	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}D_2^{*-}D_s^{*+}$	10017	1	17386
10019	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	10018	1	17387
10020	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K_S D^- J/\psi$	10019	1	17388
10021	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^-D^{*+}n\bar{p}$	10020	1	17389
10022	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\chi_{c0}$	10021	1	17390
10023	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^-D_s^+D_s^{*+}D_1'^-$	10022	1	17391
10024	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega K^-\bar{D}^{*-}$	10023	1	17392
10025	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D_2^{*+}$	10024	1	17393
10026	$e^+e^- \to \mu^+\nu_\mu K^-D^+D^-n\bar{\Lambda}$	1776	1	17394
10027	$e^+e^- \to \pi^0\bar{K}^0K^+D^-D^{*+}D_s^{*-}\gamma$	10026	1	17395
10028	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0$	10027	1	17396
10029	$e^+e^- \to e^+\nu_e\rho^+\rho^-K^0J/\psi D_1^-$	10028	1	17397
10030	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta K^-K^{*+}D^+D^-\bar{n}p$	10029	1	17398
10031	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*0}n\bar{\Sigma}^{*-}$	10030	1	17399
10032	$e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^0\eta'\bar{D}^{*-}D_s^{*+}n\bar{p}$	10031	1	17400
10033	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	10032	1	17401
10034	$e^+e^- \to e^+\nu_e\eta\omega K^{*+}D^-\bar{D}^{*-}$	10033	1	17402
10035	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta K^*K^-D^{*+}\bar{D}^{*-}$	10034	1	17403
10036	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*K^+K^{*-}D^+\bar{D}^{*-}$	10035	1	17404
10037	$e^+e^- \to \rho^-\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	1777	1	17405
10038	$e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^*D^+D^-$	10037	1	17406
10039	$e^+e^- \to \rho^+\eta D^-D^{*+}D_s^{*-}$	10038	1	17407
10040	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}D_{s1}'^+$	10039	1	17408
10041	$e^+e^- \to \eta K^0K^-D^+D^+D_s^-$	10040	1	17409
10042	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0\bar{D}^{*-}\chi_{c1}$	10041	1	17410
10043	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	10042	1	17411
10044	$e^+e^- \to K^{*+}D^-\bar{D}^0\Delta^0\bar{\Delta}^0$	10043	1	17412
10045	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\bar{K}^0D^-D^0\bar{D}^{*0}$	10044	1	17413
10046	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^+D_1^+$	10045	1	17414
10047	$e^+e^- \to \pi^0\rho^+\eta D^-D^-\bar{\Delta}^0\Delta^+$	10046	1	17415
10048	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^{*0}$	10047	1	17416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10049	$e^+e^- \to \pi^0\pi^0\pi^-K^0K^0D^+D^-D^{*+}\bar{\Delta}^-\Sigma^-$	10048	1	17417
10050	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\rho^+D^-\bar{D}^{*-}$	10049	1	17418
10051	$e^+e^- \to \pi^-\bar{K}^0K^{*+}D^+D^-D^0$	10050	1	17419
10052	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_s^+D_1'^-$	10051	1	17420
10053	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\eta D^+D^{*+}$	10052	1	17421
10054	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*0}\bar{n}\Delta^0$	10053	1	17422
10055	$e^+e^- \to \pi^+K^0K^0D^+\bar{p}\Lambda a_1^-$	10054	1	17423
10056	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^+D^-$	10055	1	17424
10057	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0K^0D^{*+}\psi'$	10056	1	17425
10058	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^*\bar{D}^0D_1'^+$	418	1	17426
10059	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	10058	1	17427
10060	$e^+e^- \to \pi^+D^+D^-n\bar{n}a_1^-$	10059	1	17428
10061	$e^+e^- \to \rho^0\rho^-\omega K^0D^{*+}D^{*+}\bar{D}^{*-}$	10060	1	17429
10062	$e^+e^- \to \pi^0\eta\bar{K}^0\bar{K}^0K^+D^-D^-D^{*+}$	10061	1	17430
10063	$e^+e^- \to K^*K^+D^{*+}D^0D_s^-D_{s1}'^-$	10062	1	17431
10064	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0$	10063	1	17432
10065	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^*K^-D^+D^+$	10064	1	17433
10066	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	10065	1	17434
10067	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}n\bar{n}\bar{p}\Lambda_c^+$	1779	1	17435
10068	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-\omega K^{*+}D^{*+}$	10067	1	17436
10069	$e^+e^- \to \rho^0\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+D_{s1}'^+$	10068	1	17437
10070	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega\eta'D^-D^{*+}$	1780	1	17438
10071	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-J/\psi$	10070	1	17439
10072	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^+K^{*-}D^+D^-\gamma$	10071	1	17440
10073	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^0\bar{K}^0\bar{D}^{*-}D^0$	10072	1	17441
10074	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^-\eta D^{*+}\bar{D}^{*0}$	10073	1	17442
10075	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*K^-D^+D^{*+}$	10074	1	17443
10076	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\bar{K}^0K^+D^-D^{*+}$	1781	1	17444
10077	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}D_1^+$	10076	1	17445
10078	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*0}J/\psi\bar{n}\Lambda$	10077	1	17446
10079	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega K^+D^0$	1782	1	17447
10080	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0D^+D^-\bar{\Sigma}^+\Sigma^-\Sigma^0\bar{\Sigma}^0$	10079	1	17448

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10081	$e^+e^- \to \pi^+\pi^-\rho^-\eta' D^+ D^{*+} n\bar{p}$	1783	1	17449
10082	$e^+e^- \to \pi^0\rho^-\eta\omega D^{*+} D^{*+} n\bar{p}$	10081	1	17450
10083	$e^+e^- \to \rho^+\omega\bar{K}^0 K^+ \bar{D}^{*-}\bar{D}^{*-}$	1784	1	17451
10084	$e^+e^- \to \pi^-\eta D_s^{*+} J/\psi\bar{n}\Lambda K_1^0$	10083	1	17452
10085	$e^+e^- \to \rho^0 K^+\bar{D}^{*-} D^{*0}\bar{\Delta}^0\Sigma_c^0$	10084	1	17453
10086	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- D^- D^0\bar{D}^{*0} D_s^{*+}$	10085	1	17454
10087	$e^+e^- \to \pi^-\rho^-\omega D^+ D^-\bar{\Sigma}^+\Sigma^+$	10086	1	17455
10088	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta D^{*+} D_2^{*-} D_s^+$	1785	1	17456
10089	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\omega\bar{D}^{*0} D_1^+$	10088	1	17457
10090	$e^+e^- \to \tau^+\nu_\tau\pi^+ K^{*-} D^+ D^-\bar{D}^{*-}$	1786	1	17458
10091	$e^+e^- \to \pi^0\pi^0\pi^- D^+ D^{*+} D_s^{*-}\bar{\Delta}^-\Delta^-$	10090	1	17459
10092	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*-} a_1^+\gamma$	10091	1	17460
10093	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0 K^-\bar{D}^{*-} D_s^{*+}$	10092	1	17461
10094	$e^+e^- \to \omega K^{*+} D^+ D_s^{*-} a_1^-$	10093	1	17462
10095	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^* D^-$	1787	1	17463
10096	$e^+e^- \to e^+\nu_e\pi^0\eta\bar{D}^{*-} D^0$	10095	1	17464
10097	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^- D^+ D^+ p\bar{p}$	10096	1	17465
10098	$e^+e^- \to e^+\nu_e K^+ K^- D^- D^{*+} D_s^{*-}$	10097	1	17466
10099	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-} n\bar{\Xi}_c'^-$	10098	1	17467
10100	$e^+e^- \to \mu^+\nu_\mu D^{*+}\Delta^-\bar{\Delta}^0 D_1^-$	10099	1	17468
10101	$e^+e^- \to K^{*-} D^{*+}\bar{D}^{*0}\bar{D}^{*0} n\bar{\Delta}^0$	10100	1	17469
10102	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^* K^+ K^- K^- D^+\bar{D}^{*-}$	10101	1	17470
10103	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 K^+ D^+\bar{D}^{*-} a_1^-$	10102	1	17471
10104	$e^+e^- \to \pi^+\pi^- K^0 D^- D^{*+}\bar{p}\Lambda_c^+$	10103	1	17472
10105	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_2^{*+} D_s^+$	10104	1	17473
10106	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^- D^-\bar{\Delta}^0\Sigma_c^{*+}$	10105	1	17474
10107	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^- D^+ D^-$	10106	1	17475
10108	$e^+e^- \to \mu^+\nu_\mu\eta D^+ D^-\Delta^+\bar{\Delta}^{++}$	10107	1	17476
10109	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\omega K^-\bar{D}^{*-} D_s^{*+}$	10108	1	17477
10110	$e^+e^- \to \pi^+\pi^- K^+ D^- D^{*+}\bar{p}\Sigma_c^{*0}$	10109	1	17478
10111	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	10110	1	17479
10112	$e^+e^- \to \pi^+\omega K^*\bar{D}^{*-}\psi'$	10111	1	17480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10113	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta D^+D^{*+}n\bar{p}$	1788	1	17481
10114	$e^+e^- \to \pi^0\bar{K}^0 J/\psi K_1^0\psi'$	419	1	17482
10115	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\bar{K}^0K^+D^-D^{*+}$	10114	1	17483
10116	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+D^-\bar{\Delta}^+\Delta^{++}$	10115	1	17484
10117	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+\bar{D}^0D_s^{*-}$	10116	1	17485
10118	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+D^+D^-p\bar{\Delta}^{++}$	10117	1	17486
10119	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-D^+D^-$	10118	1	17487
10120	$e^+e^- \to e^+\nu_eK^0K^+K^-\phi D^-\bar{D}^0$	10119	1	17488
10121	$e^+e^- \to \pi^-\pi^-\eta\bar{K}^0K^*D^+\bar{D}^0\bar{n}p$	10120	1	17489
10122	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^{*+}D^-D^-D^{*+}D^{*0}$	10121	1	17490
10123	$e^+e^- \to \pi^+K^-\bar{D}^0\bar{D}^0D^{*0}\bar{p}\Delta^+$	10122	1	17491
10124	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0D^{*+}D_s^-D_s^{*-}$	10123	1	17492
10125	$e^+e^- \to e^+\nu_e\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}$	10124	1	17493
10126	$e^+e^- \to \pi^+\pi^-\eta K^*D^+D^-D^{*0}$	10125	1	17494
10127	$e^+e^- \to e^+\nu_e\bar{K}^*D^-D^0$	10126	1	17495
10128	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^*\bar{D}^{*-}\bar{D}^{*-}D^0$	10127	1	17496
10129	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-\omega K^+D^-D^{*+}D^0$	10128	1	17497
10130	$e^+e^- \to \rho^+D^+\bar{D}^{*-}\Delta^0p\bar{p}\bar{p}$	1790	1	17498
10131	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c0}D_{s1}'^+$	10130	1	17499
10132	$e^+e^- \to \pi^+\pi^+K^*\bar{K}^*K^-D^-\psi'$	10131	1	17500
10133	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\omega D^-D^{*+}$	10132	1	17501
10134	$e^+e^- \to \tau^+\nu_\tau D^{*+}D_2^{*-}D_s^-$	420	1	17502
10135	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+K^+K^-D^{*+}\bar{D}^{*-}$	10134	1	17503
10136	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^0J/\psi$	10135	1	17504
10137	$e^+e^- \to e^+\nu_e\bar{K}^0D^-D^{*+}D_2^{*-}$	10136	1	17505
10138	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	10137	1	17506
10139	$e^+e^- \to \rho^-\bar{D}^{*-}D_2^{*+}D_{s1}'^+$	10138	1	17507
10140	$e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	10139	1	17508
10141	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\eta D^-D^{*+}$	10140	1	17509
10142	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_s^{*-}D_1^+$	10141	1	17510
10143	$e^+e^- \to \rho^0\rho^-K^{*+}D^{*+}D_s^{*-}$	1792	1	17511
10144	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega K^+K^-\bar{D}^0$	10143	1	17512

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10145	$e^+e^- \to \pi^0\rho^0\pi^-K^*\bar{K}^*D^{*+}D^{*+}\Delta^0\bar{\Delta}^+$	10144	1	17513
10146	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^-D^{*+}\bar{n}p\gamma$	10145	1	17514
10147	$e^+e^- \to \bar{K}^0\bar{D}^{*0}J/\psi\bar{n}\Delta^0$	10146	1	17515
10148	$e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	10147	1	17516
10149	$e^+e^- \to \pi^0\rho^+\eta\omega\bar{K}^*K^-D^+\bar{D}^{*-}$	10148	1	17517
10150	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	10149	1	17518
10151	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\omega D^+D^-$	10150	1	17519
10152	$e^+e^- \to \pi^+\rho^-\eta K^0\bar{K}^0K^+D^+D^-\bar{p}\Lambda$	10151	1	17520
10153	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^+$	10152	1	17521
10154	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0K^*K^-D^{*+}\bar{D}^{*-}$	10153	1	17522
10155	$e^+e^- \to \pi^+\omega\bar{K}^0D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*0}$	421	1	17523
10156	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D^{*0}$	1794	1	17524
10157	$e^+e^- \to \rho^0\pi^+\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	10156	1	17525
10158	$e^+e^- \to K^*\bar{D}^{*-}J/\psi D_{s1}'^+$	10157	1	17526
10159	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta K^*D^{*+}D^{*+}D_{s1}'^-$	1795	1	17527
10160	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^{*-}D^+\bar{D}^{*-}$	10159	1	17528
10161	$e^+e^- \to K^0\bar{D}^{*-}D_s^{*+}J/\psi$	10160	1	17529
10162	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^+D^-$	10161	1	17530
10163	$e^+e^- \to \pi^0\pi^-\rho^+D_2^{*-}\bar{D}^0D_s^{*+}$	10162	1	17531
10164	$e^+e^- \to K^*D^-D^-D^{*+}D^{*+}$	10163	1	17532
10165	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0K^-D^+D_1^-$	10164	1	17533
10166	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	10165	1	17534
10167	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}D_s^{*+}$	10166	1	17535
10168	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	10167	1	17536
10169	$e^+e^- \to \omega D^-D^{*+}D^{*+}D_s^-$	10168	1	17537
10170	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-}$	10169	1	17538
10171	$e^+e^- \to \rho^0\pi^-\eta\omega\bar{K}^0D^+\bar{D}^{*-}D_s^+$	1796	1	17539
10172	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^+$	10171	1	17540
10173	$e^+e^- \to \pi^0\pi^+\rho^+K^0K^-D^-D^{*+}\Sigma^-\bar{\Sigma}^{*0}$	10172	1	17541
10174	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^+\Delta^-\bar{\Delta}^0$	10173	1	17542
10175	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0D^-D^{*+}D^0$	10174	1	17543
10176	$e^+e^- \to K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*--}a_1^+$	10175	1	17544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10177	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta' D^+ D^-$	10176	1	17545
10178	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^0\rho^+\omega\omega\bar{D}^{*-}$	10177	1	17546
10179	$e^+e^- \to \pi^0\pi^+\bar{K}^0 K^*\bar{D}^{*-}\bar{n}\Sigma_c^0$	10178	1	17547
10180	$e^+e^- \to \pi^0\rho^+\eta' D^- D_s^{*-} D_1^+$	10179	1	17548
10181	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+ n\bar{\Sigma}_c^0$	10180	1	17549
10182	$e^+e^- \to \rho^+\omega\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	10181	1	17550
10183	$e^+e^- \to \pi^0\rho^0\rho^-\eta K^{*+} D^+\bar{D}^{*-} D^{*0}$	2	1	17551
10184	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-\bar{\Sigma}^0\Sigma^+$	10183	1	17552
10185	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^+ D^+ D^- D^{*0}$	10184	1	17553
10186	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 D^+ D_s^{*-} J/\psi$	10185	1	17554
10187	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^- D^{*+}\bar{\Delta}^- p$	10186	1	17555
10188	$e^+e^- \to \bar{K}^* K^{*-} D^- D^{*+} D^{*+}\bar{D}^0$	10187	1	17556
10189	$e^+e^- \to \pi^+\pi^-\eta' D^+\bar{D}^{*-}$	10188	1	17557
10190	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^+ D^-$	10189	1	17558
10191	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-} p\bar{p}$	10190	1	17559
10192	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^* D^- D^- D^0$	10191	1	17560
10193	$e^+e^- \to e^+\nu_e J/\psi\bar{K}_1^0 D_1^-$	10192	1	17561
10194	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^- D^+\bar{D}^{*-} n\bar{n}$	10193	1	17562
10195	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+ D^-$	10194	1	17563
10196	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^- D^- D^- D_s^+$	10195	1	17564
10197	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 K^-\bar{D}^{*-} D_s^{*+}$	10196	1	17565
10198	$e^+e^- \to \rho^0\rho^-\omega D^- D^{*+}\bar{\Delta}^-\Delta^0$	10197	1	17566
10199	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^0\bar{K}^* D^- D^{*+}$	10198	1	17567
10200	$e^+e^- \to \pi^0\omega K^0 K^- D^+\bar{D}^{*-} D_s^+$	10199	1	17568
10201	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^- D^- D^0 D_s^-$	10200	1	17569
10202	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^+ K^{*-} D^+ D^- D_s^+$	10201	1	17570
10203	$e^+e^- \to \pi^0\rho^0\omega K^0 K^0 K^- D^- D^{*+} D^{*+}$	10202	1	17571
10204	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+ K^0 D^+\bar{D}^{*-}\bar{\Lambda}\Xi^-$	10203	1	17572
10205	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^- D^{*+} D^{*0}$	10204	1	17573
10206	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{D}^{*-} D^{*0}$	10205	1	17574
10207	$e^+e^- \to e^+\nu_e\pi^+\rho^+ K^-\bar{D}^{*-}\bar{D}^{*-}$	10206	1	17575
10208	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^- D^{*+} n\bar{p} D_1'^-$	10207	1	17576

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10209	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega D^+\bar{D}^{*-}$	10208	1	17577
10210	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0 D^+ J/\psi$	1798	1	17578
10211	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^0 K^+ K^{*-}\phi\bar{D}^0 D_s^{*+}$	10210	1	17579
10212	$e^+e^- \to e^+\nu_e\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	10211	1	17580
10213	$e^+e^- \to D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda}D_{s1}^+$	10212	1	17581
10214	$e^+e^- \to \pi^+\pi^+\rho^- K^0 D^{*+}\bar{D}^{*-}D^0 D_s^-$	10213	1	17582
10215	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega\omega D^{*+}\bar{D}^{*-}$	10214	1	17583
10216	$e^+e^- \to \pi^-\bar{D}^0\bar{\Delta}^+\bar{\Lambda}\Sigma^{*0}\Sigma_c^{*++}$	10215	1	17584
10217	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta' D^{*+}\bar{D}^{*-}D_s^+$	10216	1	17585
10218	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega\bar{K}^* K^{*+}\bar{D}^0 D^{*0}\bar{D}^{*0}$	10217	1	17586
10219	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta\omega D^+ D^-$	10218	1	17587
10220	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	10219	1	17588
10221	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{\Delta}^0\Sigma_c^+$	10220	1	17589
10222	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\Delta^+\bar{\Sigma}_c^0 D_1'^+$	10221	1	17590
10223	$e^+e^- \to \rho^0\rho^0\rho^+\bar{K}^0 K^{*+}D^-\bar{D}^{*-}$	423	1	17591
10224	$e^+e^- \to \rho^0\rho^0\pi^-\eta D^+\Delta^+\bar{\Sigma}_c^{*-}$	10223	1	17592
10225	$e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^*\bar{D}^{*0}\eta_c$	10224	1	17593
10226	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^- D^- p\bar{\Lambda}_c^-$	10225	1	17594
10227	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\eta D^- D^{*+}D_{s1}'^-$	10226	1	17595
10228	$e^+e^- \to \bar{K}^0 K^{*+}D^+\bar{D}^{*-}D_s^-$	10227	1	17596
10229	$e^+e^- \to \pi^+\pi^-\bar{K}^0 K^{*+}D^- D^0\eta_c$	10228	1	17597
10230	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^0$	10229	1	17598
10231	$e^+e^- \to \pi^0\rho^0 D^{*+}D^{*0}a_1^-$	10230	1	17599
10232	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0 K^0 D^{*+}D^0\bar{D}^{*0}$	10231	1	17600
10233	$e^+e^- \to \bar{K}^0 K^* K^{*+}D^{*+}D_s^- D_s^{*-}\gamma$	10232	1	17601
10234	$e^+e^- \to \pi^0\pi^+\pi^- K^+ D^+\bar{D}^{*-}D^{*0}D_s^-$	10233	1	17602
10235	$e^+e^- \to \pi^- K^+ D^{*+}\bar{D}^0 D^{*0}D_s^{*-}$	10234	1	17603
10236	$e^+e^- \to \pi^+\pi^-\omega K^* K^* D^{*+}\bar{D}^{*-}$	10235	1	17604
10237	$e^+e^- \to \pi^-\rho^+\bar{D}^{*-}\bar{D}^0 D_s^+$	10236	1	17605
10238	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+ D^+\bar{D}^{*-}n\bar{p}$	10237	1	17606
10239	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^* K^+\eta'\bar{D}^{*-}D^0$	10238	1	17607
10240	$e^+e^- \to \pi^0\pi^-\omega\bar{K}^0 K^*\bar{K}^* K^+\eta' D^+ D^-$	10239	1	17608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10241	$e^+e^- \to \omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}a_1^-$	10240	1	17609
10242	$e^+e^- \to \pi^-\pi^-D^{*+}D^{*+}D_s^{*-}\bar{p}\Delta^{++}$	10241	1	17610
10243	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^0D_1'^-$	10242	1	17611
10244	$e^+e^- \to \tau^+\nu_\tau K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	10243	1	17612
10245	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\Delta^+\bar{\Sigma}_c^{*0}$	10244	1	17613
10246	$e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D_s^+D_s^-$	1800	1	17614
10247	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+n\bar{\Sigma}_c^-$	10246	1	17615
10248	$e^+e^- \to \rho^0\pi^+\rho^+K^0K^0\bar{K}^0K^-D^-\bar{p}\Lambda_c^+$	10247	1	17616
10249	$e^+e^- \to D^-D^{*0}\Sigma^{*0}\bar{\Sigma}^{*0}a_1^+$	10248	1	17617
10250	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0K^*K^-K^{*-}D^+$	10249	1	17618
10251	$e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^{*-}\gamma$	10250	1	17619
10252	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0\bar{K}^*K^+D^-\bar{\Lambda}\Sigma^0$	10251	1	17620
10253	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-\bar{D}^0$	10252	1	17621
10254	$e^+e^- \to \pi^0\pi^0\pi^+K^-D^-D_s^+J/\psi\gamma$	10253	1	17622
10255	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^+K^-D^-D^{*+}$	10254	1	17623
10256	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^-\bar{\Delta}^+\Sigma_c^{*++}$	10255	1	17624
10257	$e^+e^- \to \pi^0K^*D^+D_s^{*-}\psi'$	10256	1	17625
10258	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta K^0D^-D^{*+}D^{*0}$	10257	1	17626
10259	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^*D^{*+}\bar{D}^{*-}$	10258	1	17627
10260	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^+D^-D_1^+$	10259	1	17628
10261	$e^+e^- \to \pi^+\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*-}D^0$	10260	1	17629
10262	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta K^0K^-D^+D^-$	10261	1	17630
10263	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	10262	1	17631
10264	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*0}$	10263	1	17632
10265	$e^+e^- \to \omega K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+}$	10264	1	17633
10266	$e^+e^- \to \pi^+\eta\omega\omega\bar{D}^{*-}D_s^{*-}D_1'^+$	10265	1	17634
10267	$e^+e^- \to \pi^+\rho^-\eta\omega D^+D^-$	10266	1	17635
10268	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-}$	10267	1	17636
10269	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-$	10268	1	17637
10270	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+\bar{D}^{*-}p\bar{p}$	10269	1	17638
10271	$e^+e^- \to \pi^0\rho^+\eta'D^-\bar{p}\Xi_c'^+$	10270	1	17639
10272	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^{*+}D^+D^-D_s^-$	10271	1	17640

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10273	$e^+e^- \to e^+\nu_e\pi^0 D^+ D^- a_1^-$	10272	1	17641
10274	$e^+e^- \to \pi^- K^0 D^+ D^0 \bar{D}^{*0} n\bar{n}$	10273	1	17642
10275	$e^+e^- \to \pi^-\rho^- K^+ D^+ D^- D_1^+$	10274	1	17643
10276	$e^+e^- \to \tau^+\nu_\tau \bar{K}^0 D^+ \bar{D}^{*-} D_2^{*-}$	1801	1	17644
10277	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^- D_2^{*+} D_s^-$	10276	1	17645
10278	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega\omega D^+ D^-$	10277	1	17646
10279	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^+ D^- \bar{D}^0$	10278	1	17647
10280	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^- K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^0$	10279	1	17648
10281	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^- D^- D^{*+}\gamma$	10280	1	17649
10282	$e^+e^- \to \omega K^0 \bar{K}^0 K^- D^+ \eta_c$	10281	1	17650
10283	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-\omega D^{*+}$	10282	1	17651
10284	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^- \bar{K}^0 K^+ D^{*+} \bar{D}^{*-}$	10283	1	17652
10285	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^+ D^{*+} \bar{D}^{*-} D^{*0}$	10284	1	17653
10286	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega \bar{D}^{*-} D_2^{*+} p\bar{p}$	10285	1	17654
10287	$e^+e^- \to \rho^+\eta D^- D_2^{*+} D_s^-$	10286	1	17655
10288	$e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^- \bar{D}^{*-} \bar{\Delta}^- n$	10287	1	17656
10289	$e^+e^- \to \rho^0\pi^-\omega \bar{K}^0 K^* D^- \bar{n}\bar{n} p\Sigma^+$	1802	1	17657
10290	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+ D^+ \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	10289	1	17658
10291	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^0 D^{*+}\psi(3770)$	10290	1	17659
10292	$e^+e^- \to \pi^+\pi^+ D^{*+} \bar{D}^{*-} p\bar{\Delta}^{++} a_1^-\gamma$	10291	1	17660
10293	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^- K^+ D_s^- \bar{\Delta}^0 \Sigma_c^{*+}$	10292	1	17661
10294	$e^+e^- \to \pi^+\rho^+\rho^-\rho^- D^{*+}\Delta^0 \bar{\Lambda}_c^-$	10293	1	17662
10295	$e^+e^- \to e^-\bar{\nu}_e D_2^{*+} D_s^{*-} D_1^+$	424	1	17663
10296	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- K^+ D^{*+}$	425	1	17664
10297	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta D^- D^{*+} n\bar{p}$	10296	1	17665
10298	$e^+e^- \to \pi^0\pi^0\pi^+ D^0 D_s^{*-} n\bar{\Sigma}_c^0$	10297	1	17666
10299	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- \bar{K}^* D^- D^{*+} \bar{D}^0$	10298	1	17667
10300	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^0 \bar{K}^0 D^+ D^-$	10299	1	17668
10301	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- \bar{D}^{*-} \bar{\Delta}^0 \Sigma_c^{*+}$	10300	1	17669
10302	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+} D^{*+}$	10301	1	17670
10303	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^0 \bar{K}^0 D^- D^{*+}$	10302	1	17671
10304	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+ \bar{K}^0 K^* D^+ \bar{D}^{*-} D_s^-$	10303	1	17672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10305	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D^{*+}\gamma$	10304	1	17673
10306	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0K^+D^-D^0$	10305	1	17674
10307	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*D^+D^-\Sigma^0\bar{\Sigma}^0$	1805	1	17675
10308	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^-\bar{D}^{*-}D_s^{*+}\gamma$	10307	1	17676
10309	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_s^-$	10308	1	17677
10310	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^+K^-\bar{D}^0D_s^{*+}D_1'^-$	10309	1	17678
10311	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}$	10310	1	17679
10312	$e^+e^- \to \pi^-\eta D^{*+}\bar{D}^0D_s^{*+}n\bar{p}$	10311	1	17680
10313	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega K^-D^+$	10312	1	17681
10314	$e^+e^- \to \rho^0\rho^-K^0D^+D^-D^{*+}$	10313	1	17682
10315	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}$	10314	1	17683
10316	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^*D^{*+}\bar{D}^{*0}D_0^{*-}$	10315	1	17684
10317	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}\gamma$	10316	1	17685
10318	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}D_s^-$	1806	1	17686
10319	$e^+e^- \to \omega D^+D^+D^-D_s^-$	10318	1	17687
10320	$e^+e^- \to \rho^0\pi^+\pi^-K^-K^{*+}D^+\bar{D}^{*-}$	1807	1	17688
10321	$e^+e^- \to \pi^0\eta K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	10320	1	17689
10322	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}D^{*+}$	10321	1	17690
10323	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{D}^{*-}D^0$	1808	1	17691
10324	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0K^*\bar{K}^*D^+D^+\bar{D}^{*0}$	10323	1	17692
10325	$e^+e^- \to \pi^+\omega K^+K^-\bar{D}^{*-}D^0\bar{D}^0D^{*0}$	10324	1	17693
10326	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma^-$	10325	1	17694
10327	$e^+e^- \to \bar{K}^0D^-D^0\bar{D}^{*0}D_s^{*+}$	10326	1	17695
10328	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^+D^-$	10327	1	17696
10329	$e^+e^- \to \pi^0\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^{*-}D_s^-$	10328	1	17697
10330	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta\omega D^{*+}D^{*+}$	10329	1	17698
10331	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^+D^-n\bar{n}p\bar{p}$	10330	1	17699
10332	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}D_0^{*+}$	10331	1	17700
10333	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-$	10332	1	17701
10334	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0K^+\bar{D}^{*-}D^0$	10333	1	17702
10335	$e^+e^- \to \pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*0}n\bar{\Lambda}$	10334	1	17703
10336	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+D_s^-D_1'^+$	10335	1	17704

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10337	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^-D^{*+}a_1^+$	10336	1	17705
10338	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^-\eta D^{*+}D^{*+}$	1809	1	17706
10339	$e^+e^- \to \pi^+K^0D^-D^{*+}D_s^-$	10338	1	17707
10340	$e^+e^- \to \rho^+D^-D^{*+}D_s^{*-}$	10339	1	17708
10341	$e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^+$	10340	1	17709
10342	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-}a_1^+$	10341	1	17710
10343	$e^+e^- \to \rho^0\rho^-K^0D^{*+}\Lambda\bar{\Sigma}_c^0$	10342	1	17711
10344	$e^+e^- \to \pi^0\rho^0\omega K^0\bar{K}^0K^+K^-D^-D^{*+}$	10343	1	17712
10345	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}$	10344	1	17713
10346	$e^+e^- \to \pi^-\eta K^-K^{*+}D^{*+}X_{sd}\gamma$	10345	1	17714
10347	$e^+e^- \to e^+\nu_e\phi D^+D_s^-D_1^-$	10346	1	17715
10348	$e^+e^- \to \pi^-\bar{K}^0D^+\bar{D}^{*-}D_{s1}'^+$	10347	1	17716
10349	$e^+e^- \to \pi^-\omega\omega\bar{K}^0D^{*+}D^{*0}$	10348	1	17717
10350	$e^+e^- \to \pi^+\rho^+\eta\omega K^0\bar{K}^*\eta'\phi D^-D^-$	10349	1	17718
10351	$e^+e^- \to \pi^0\pi^0\pi^+D^+D^-D_s^-\Sigma^+\bar{\Sigma}^-$	10350	1	17719
10352	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+D^-\bar{\Sigma}^{*0}\Xi_c'^0$	10351	1	17720
10353	$e^+e^- \to \rho^0\rho^0\rho^+K^*K^-D^{*+}\bar{D}^{*-}$	10352	1	17721
10354	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*K^-D^-D^{*+}$	10353	1	17722
10355	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-\bar{p}\Sigma_c^{++}$	10354	1	17723
10356	$e^+e^- \to \bar{K}^0D^-\Delta^0\bar{\Sigma}^+\bar{\Sigma}^0\Xi_c^0$	10355	1	17724
10357	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^{*-}D^+D^{*+}\bar{D}^{*0}$	10356	1	17725
10358	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega D^-D^{*+}$	10357	1	17726
10359	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	1810	1	17727
10360	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0K^0D^{*+}D^0D_s^{*-}$	10359	1	17728
10361	$e^+e^- \to \pi^+\pi^-\bar{D}^0D_s^{*+}\bar{p}\Sigma_c^{*0}$	10360	1	17729
10362	$e^+e^- \to e^+\nu_e\pi^-\pi^-\bar{K}^0K^+D^{*+}D_1'^-$	10361	1	17730
10363	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\eta D^+\bar{D}^{*-}$	10362	1	17731
10364	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0K^*D^+D^+\bar{D}^{*0}$	10363	1	17732
10365	$e^+e^- \to \bar{D}^{*-}D_s^-D_s^{*+}D_1'^+\gamma$	10364	1	17733
10366	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	10365	1	17734
10367	$e^+e^- \to \pi^+\pi^+\pi^-D^0\bar{D}^{*0}D_s^{*-}$	10366	1	17735
10368	$e^+e^- \to \pi^0\pi^+\eta D^-D_2^{*+}D_s^{*-}$	10367	1	17736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10369	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^0 K^* K^{*-} D^{*+} J/\psi$	10368	1	17737
10370	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- K^+ K^- D^{*+}\bar{D}^{*-} n\bar{n}$	10369	1	17738
10371	$e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^0 np\bar{p}\bar{\Sigma}_c^{*-}$	10370	1	17739
10372	$e^+e^- \to \bar{K}^0 D^- D_s^+ \bar{\Delta}^0 \Sigma_c^{*0}$	10371	1	17740
10373	$e^+e^- \to \pi^0\pi^+\rho^+\rho^- \bar{K}^* K^+ D^- \bar{D}^{*-}$	10372	1	17741
10374	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- \bar{K}^* K^+ K^+ D^{*0}\Delta^+\bar{\Sigma}_c^{--}$	10373	1	17742
10375	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^{*+} D^{*+}\bar{D}^{*-}$	10374	1	17743
10376	$e^+e^- \to \pi^+\pi^- K^* \bar{K}^* D^{*+}\bar{D}^{*-} D^0\bar{D}^{*0}$	10375	1	17744
10377	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega D^- D^{*0}$	10376	1	17745
10378	$e^+e^- \to K^0 D^+ D^- D_s^{*-} D_1^+$	10377	1	17746
10379	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^* K^+\bar{D}^{*-} D_1^+$	10378	1	17747
10380	$e^+e^- \to \pi^0 K^0 K^{*+} K^{*-}\phi D^+ D^- D^0$	10379	1	17748
10381	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^- D^- D^{*+} n\bar{p}$	10380	1	17749
10382	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega K^- D^{*+}$	10381	1	17750
10383	$e^+e^- \to \pi^+\rho^-\eta\omega\bar{D}^{*-} D^{*0} D_s^+$	10382	1	17751
10384	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^- D^- D^{*+}$	10383	1	17752
10385	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{\Delta}^0\Sigma_c^{*+} D_1^-$	10384	1	17753
10386	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- p\bar{\Lambda}_c^- D_1'^+$	10385	1	17754
10387	$e^+e^- \to \pi^0\rho^+ K^* D^{*+} D_s^- a_1^-$	10386	1	17755
10388	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^- K^0 K^{*-} D^+ D_1'^+$	10387	1	17756
10389	$e^+e^- \to \pi^0 K^0 K^+ K^- D^0\bar{D}^0\bar{p}\Xi_c'^+$	10388	1	17757
10390	$e^+e^- \to \pi^+ K^0 K^{*-} K^{*-} D^+ D^0\bar{D}^{*0}$	10389	1	17758
10391	$e^+e^- \to \pi^+ K^- D^+ D^-\bar{D}^{*-}\bar{n}p$	10390	1	17759
10392	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^- K^0\bar{K}^0\bar{D}^{*-}\bar{p}\Lambda_c^+$	10391	1	17760
10393	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^{*-}$	10392	1	17761
10394	$e^+e^- \to e^+\nu_e\pi^-\eta' D^+ D_1^-$	10393	1	17762
10395	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^+ D^- D_s^{*-}$	1811	1	17763
10396	$e^+e^- \to e^+\nu_e\rho^0\pi^-\omega D^+\bar{D}^{*-}$	10395	1	17764
10397	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\rho^-\omega\omega\bar{K}^0 D^+$	10396	1	17765
10398	$e^+e^- \to \pi^0 K^0 D^+ D^- D^{*+}\bar{D}^{*-}$	10397	1	17766
10399	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+ D^- D^{*+}$	10398	1	17767
10400	$e^+e^- \to \rho^+\rho^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-} D_s^{*-}$	10399	1	17768

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10401	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{D}^{*-}\bar{D}^0D^{*0}$	10400	1	17769
10402	$e^+e^- \to \bar{K}^*K^+\bar{D}^{*-}D^0D^{*0}\bar{D}^{*0}$	10401	1	17770
10403	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^+\Delta^0\bar{\Sigma}_c^0$	10402	1	17771
10404	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\Sigma^0\bar{\Xi}_c^0$	10403	1	17772
10405	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0}$	10404	1	17773
10406	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^+\bar{D}^{*-}D_1^-$	10405	1	17774
10407	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}$	10406	1	17775
10408	$e^+e^- \to \pi^0\omega K^0\bar{K}^*D^-D^{*+}D^{*0}$	10407	1	17776
10409	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^+D^+D^-D^{*0}D_s^-$	10408	1	17777
10410	$e^+e^- \to \pi^0\pi^0K^0\bar{K}^0K^*K^{*-}D^+$	10409	1	17778
10411	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+\bar{D}^0$	10410	1	17779
10412	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^0K^0\bar{K}^*K^-D^+D^-$	10411	1	17780
10413	$e^+e^- \to e^+\nu_eK^{*-}D^+\bar{D}^0D_1'^-$	10412	1	17781
10414	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0\bar{K}^*K^+D^-$	10413	1	17782
10415	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega D^-D^{*+}$	1812	1	17783
10416	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}$	10415	1	17784
10417	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\bar{p}\Xi_c^0$	1813	1	17785
10418	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^+D^0$	10417	1	17786
10419	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^*D^-D^{*+}$	10418	1	17787
10420	$e^+e^- \to e^+\nu_e\pi^0\pi^-K^{*+}D^-D^-D^{*+}$	10419	1	17788
10421	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-}\bar{p}\Delta^+$	10420	1	17789
10422	$e^+e^- \to \pi^0\pi^-\omega D^+\bar{D}^0n\bar{\Delta}^0$	10421	1	17790
10423	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*0}p\bar{\Delta}^+D_1^+$	10422	1	17791
10424	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^{*0}$	10423	1	17792
10425	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^*D^+D^+\bar{D}^{*-}$	10424	1	17793
10426	$e^+e^- \to \mu^+\nu_\mu D^+\Lambda\bar{\Sigma}^-D_1^-$	10425	1	17794
10427	$e^+e^- \to \pi^0\pi^-\rho^+K^*K^*D^+D_s^{*-}$	10426	1	17795
10428	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^0D_{s1}'^-$	1814	1	17796
10429	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D^0\bar{\Sigma}^0\Sigma^{*0}$	10428	1	17797
10430	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\bar{K}^0D^-\bar{\Delta}^{++}\Sigma_c^{*++}$	10429	1	17798
10431	$e^+e^- \to \pi^+K^+K^{*-}\bar{D}^{*-}D^0J/\psi$	10430	1	17799
10432	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^*K^+D^+J/\psi p\bar{\Sigma}^-$	10431	1	17800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10433	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\bar{D}^0D^{*0}$	10432	1	17801
10434	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\eta\omega D^+\bar{D}^{*-}$	10433	1	17802
10435	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-D^-D_1^+$	10434	1	17803
10436	$e^+e^- \to e^+\nu_eK^{*+}D^-\bar{D}^{*-}D^0$	10435	1	17804
10437	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^{*-}D^-D^{*+}$	10436	1	17805
10438	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^{*+}n\bar{\Xi}_c'^-$	10437	1	17806
10439	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^+D^{*+}$	10438	1	17807
10440	$e^+e^- \to \pi^-D^{*+}D^{*+}D_s^-$	10439	1	17808
10441	$e^+e^- \to \pi^0\pi^+\pi^-D^+D_s^-n\bar{\Sigma}_c^0$	10440	1	17809
10442	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0K^0D^+D^{*+}\bar{D}^{*-}D_s^-$	10441	1	17810
10443	$e^+e^- \to \rho^+\eta\omega\omega D^+\bar{D}^{*-}a_1^-$	10442	1	17811
10444	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*0}\bar{D}^{*0}D_1'^-$	10443	1	17812
10445	$e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}J/\psi K_1'^0$	10444	1	17813
10446	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D_s^{*+}D_1^-$	1815	1	17814
10447	$e^+e^- \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}a_1^+$	10446	1	17815
10448	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^0D_s^+$	10447	1	17816
10449	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}$	10448	1	17817
10450	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^-D^{*+}\eta_c$	10449	1	17818
10451	$e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	10450	1	17819
10452	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0\Delta^+\bar{\Sigma}^-$	10451	1	17820
10453	$e^+e^- \to \rho^0\pi^-K^*D^+\bar{D}^0\bar{\Delta}^-\Delta^-$	10452	1	17821
10454	$e^+e^- \to \pi^+\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}n\bar{\Delta}^+$	10453	1	17822
10455	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	10454	1	17823
10456	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	10455	1	17824
10457	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-\rho^-D^+D^+$	29	1	17825
10458	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^*D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	10457	1	17826
10459	$e^+e^- \to \pi^0\rho^-\omega D^-D^{*+}D_{s1}^+$	10458	1	17827
10460	$e^+e^- \to \pi^+\pi^-K^0K^*K^-D^{*+}\eta_c$	10459	1	17828
10461	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\eta_c$	10460	1	17829
10462	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^*D^{*+}J/\psi$	1817	1	17830
10463	$e^+e^- \to K^*\bar{K}^*K^-D^{*+}\bar{\Delta}^+\Sigma_c^+$	10462	1	17831
10464	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-K^{*+}K^{*+}K^{*-}D^+$	10463	1	17832

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10465	$e^+e^- \to K^{*+}D^-D^{*+}D^0D_s^{*-}$	10464	1	17833
10466	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-\eta\eta D^{*+}\bar{\Delta}^+\Delta^{++}$	10465	1	17834
10467	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+D^+$	10466	1	17835
10468	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	10467	1	17836
10469	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^{*+}D^{*+}\bar{D}^0n\bar{n}$	10468	1	17837
10470	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega D^+\bar{D}^{*-}$	10469	1	17838
10471	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^0D^{*0}\bar{D}^{*0}\bar{n}p$	10470	1	17839
10472	$e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^+D_{s1}'^-$	1818	1	17840
10473	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-}\bar{n}\Delta^0$	10472	1	17841
10474	$e^+e^- \to \rho^0\rho^+K^0D^+D^-\bar{p}\Sigma_c^{*0}$	10473	1	17842
10475	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+D^+D_0^{*-}$	10474	1	17843
10476	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0\bar{K}^*K^+J/\psi$	10475	1	17844
10477	$e^+e^- \to K^*K^{*+}D^-D^{*0}\bar{\Sigma}^{*0}\Omega_c^0$	10476	1	17845
10478	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-\eta'\bar{D}^{*-}D_s^{*+}$	10477	1	17846
10479	$e^+e^- \to \pi^0\rho^0\rho^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	10478	1	17847
10480	$e^+e^- \to e^+\nu_eX_u^-\pi^+\pi^-\eta\eta K^+K^{*-}\bar{D}^0$	10479	1	17848
10481	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta K^0\bar{K}^0D^+D_2^{*-}$	10480	1	17849
10482	$e^+e^- \to \pi^0\pi^+\pi^-K^*K^-K^{*+}D^0J/\psi$	10481	1	17850
10483	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\omega\bar{K}^0K^+K^{*-}D^-D^0$	10482	1	17851
10484	$e^+e^- \to \mu^+\nu_\mu\rho^+K^0\bar{K}^0\bar{D}^{*-}D_1^-$	10483	1	17852
10485	$e^+e^- \to \pi^+\omega D^-\bar{D}^{*-}a_1^+$	10484	1	17853
10486	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}a_1^-$	10485	1	17854
10487	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	10486	1	17855
10488	$e^+e^- \to \pi^0\rho^0\pi^+K^*K^-D^+\bar{D}^{*-}p\bar{p}$	10487	1	17856
10489	$e^+e^- \to \pi^+\rho^-K^*D^-D^0D_1^+$	10488	1	17857
10490	$e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}^+$	10489	1	17858
10491	$e^+e^- \to \pi^0\pi^+\omega K^*K^{*-}D^{*0}\bar{D}^{*0}J/\psi$	10490	1	17859
10492	$e^+e^- \to \pi^0\pi^-\rho^-\eta\omega K^+K^-D^+D^{*+}$	10491	1	17860
10493	$e^+e^- \to \pi^0\pi^-\pi^-D^-D^{*+}D_s^{*+}\bar{p}\Delta^{++}$	10492	1	17861
10494	$e^+e^- \to e^+\nu_e\pi^+D^0D_s^{*-}D_0^{*-}$	10493	1	17862
10495	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^0\bar{K}^0K^{*+}D^-D^-D^0\gamma$	10494	1	17863
10496	$e^+e^- \to \rho^0\omega K^0K^+K^-K^-K^{*+}\bar{D}^0D^{*0}$	1819	1	17864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10497	$e^+e^- \to \bar{K}^0 K^- D^{*+} \bar{D}^{*-} \bar{\Delta}^0 \Sigma_c^+$	10496	1	17865
10498	$e^+e^- \to e^+\nu_e K^0 \bar{K}^0 \bar{K}^* K^+ D^- \bar{D}^{*-}$	10497	1	17866
10499	$e^+e^- \to K^0 K^* \bar{K}^* K^+ \bar{D}^{*-} D^{*0}$	10498	1	17867
10500	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0 K^- D^- D^{*+}$	10499	1	17868
10501	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^+ D^- D^-$	10500	1	17869
10502	$e^+e^- \to \rho^-\eta\omega K^* K^{*-} D^+ D^+$	10501	1	17870
10503	$e^+e^- \to e^-\bar{\nu}_e\pi^0\omega D^+ D^- \bar{p}\Delta^{++}$	10502	1	17871
10504	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0\bar{K}^0 K^+ \bar{D}^{*-} D^0 \bar{D}^{*0}$	1820	1	17872
10505	$e^+e^- \to e^+\nu_e\pi^- K^- D^+ \bar{D}^0 \bar{D}^{*0}$	10504	1	17873
10506	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^- D^+ D^{*0}$	10505	1	17874
10507	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega K^* D_s^- D_1'^+$	10506	1	17875
10508	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+ D^- \bar{n}p$	10507	1	17876
10509	$e^+e^- \to e^-\bar{\nu}_e K^* D^{*+} \bar{D}^{*-} D_1'^+$	10508	1	17877
10510	$e^+e^- \to \pi^+\pi^- K^0 K^{*-} D^{*+} \bar{D}^{*0} \Delta^+ \bar{\Sigma}_c^-$	10509	1	17878
10511	$e^+e^- \to \mu^+\nu_\mu K^0 D^{*+} \bar{D}^{*-} \bar{p}\Lambda$	1821	1	17879
10512	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ K^+ K^{*-} D^+ D^-$	10511	1	17880
10513	$e^+e^- \to \pi^0\pi^- K^{*-} D^+ \bar{D}^0 \bar{D}^{*0} D_s^+$	10512	1	17881
10514	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0 K^+ D^+ D^-$	10513	1	17882
10515	$e^+e^- \to \pi^+\rho^- K^0 K^- D^+ D_2^{*-} D_s^{*+}$	10514	1	17883
10516	$e^+e^- \to \bar{K}^* D^- J/\psi \bar{\Sigma}^0 \Sigma^+$	10515	1	17884
10517	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0 D_1^- \chi_{c1}$	10516	1	17885
10518	$e^+e^- \to e^+\nu_e\pi^+\pi^- K^0 K^+ K^- K^{*-} D^{*+} D_1^-$	10517	1	17886
10519	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega D^+ \bar{D}^{*-}$	10518	1	17887
10520	$e^+e^- \to \pi^+\pi^-\omega D^{*+} \Delta^0 \bar{\Sigma}_c^{*-}$	10519	1	17888
10521	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^+ D^+ D^-$	10520	1	17889
10522	$e^+e^- \to \rho^+ \bar{D}^{*-} D_s^{*+} n\bar{\Lambda}_c^- \gamma$	10521	1	17890
10523	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^{*-} D^+ \bar{D}^{*-}$	10522	1	17891
10524	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega D^- D^{*+}$	10523	1	17892
10525	$e^+e^- \to \rho^0\pi^+\pi^-\rho^- D^+ D^{*+} D_{s1}'^-$	10524	1	17893
10526	$e^+e^- \to \pi^0\pi^0\bar{K}^0 D^{*+} D_s^{*-} J/\psi$	10525	1	17894
10527	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\eta D^+ D^-$	10526	1	17895
10528	$e^+e^- \to K^{*-} D^{*+} \bar{D}^0 \bar{D}^{*0} p\bar{\Delta}^+$	10527	1	17896

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10529	$e^+e^- \to \pi^+\pi^-\rho^-K^*D^-D^{*+}D_2^{*+}$	10528	1	17897
10530	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D_2^{*+}D_1^-$	10529	1	17898
10531	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D^{*+}a_1^-$	10530	1	17899
10532	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0\phi D^{*+}\bar{D}^{*-}$	10531	1	17900
10533	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^+D^-\bar{D}^{*-}$	1822	1	17901
10534	$e^+e^- \to \rho^0\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	10533	1	17902
10535	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega D^+D^-D_{s1}'^-$	10534	1	17903
10536	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	10535	1	17904
10537	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	10536	1	17905
10538	$e^+e^- \to \pi^+\pi^-D^-D^{*0}D_s^+p\bar{\Delta}^+$	10537	1	17906
10539	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+K^*K^{*-}D^{*+}\bar{D}^{*-}$	10538	1	17907
10540	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{K}^0D^+D^-\Delta^{++}\bar{\Delta}^{++}$	1823	1	17908
10541	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+K^-\bar{D}^{*-}D^0$	10540	1	17909
10542	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\eta D^-D^{*+}$	10541	1	17910
10543	$e^+e^- \to \rho^0\pi^-K^*K^+K^-D^+D^{*+}\bar{D}^{*-}$	10542	1	17911
10544	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	10543	1	17912
10545	$e^+e^- \to \pi^0\pi^-D^-D^{*+}\bar{n}p\Sigma^+\bar{\Sigma}^-$	10544	1	17913
10546	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}D^0$	10545	1	17914
10547	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0D^-D^{*0}$	10546	1	17915
10548	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^{*0}\bar{D}^{*0}$	1824	1	17916
10549	$e^+e^- \to \pi^0\rho^0\pi^+\eta\eta D^+D^-D_s^-$	10548	1	17917
10550	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	10549	1	17918
10551	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+K^0\bar{K}^*D^+D^-$	10550	1	17919
10552	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K^{*+}D^+D^-D^{*0}$	10551	1	17920
10553	$e^+e^- \to K^0K^+K^{*-}D^-D^{*+}D^0$	10552	1	17921
10554	$e^+e^- \to \pi^0\rho^+\phi D^+\bar{D}^{*-}D_s^{*-}\Sigma^0\bar{\Sigma}^0$	10553	1	17922
10555	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega K^{*+}K^{*-}D^-D^{*0}$	10554	1	17923
10556	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^*K^-D^{*+}\bar{D}^{*-}n\bar{n}$	10555	1	17924
10557	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^+$	1825	1	17925
10558	$e^+e^- \to \pi^0\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}a_1^+$	10557	1	17926
10559	$e^+e^- \to \pi^+\rho^+\eta\bar{D}^{*-}\bar{p}\Sigma_c^0$	10558	1	17927
10560	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	10559	1	17928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10561	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega D^+D^-$	10560	1	17929
10562	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0$	10561	1	17930
10563	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^0K^*K^{*-}D^+D^{*0}\bar{D}^{*0}$	10562	1	17931
10564	$e^+e^- \to \pi^0\pi^0\pi^-K^{*+}D^0\bar{D}^0D^{*0}$	10563	1	17932
10565	$e^+e^- \to \pi^0\rho^-\omega D^+\bar{D}^{*-}D_{s1}'^+$	10564	1	17933
10566	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta\eta'D^+D^{*+}$	10565	1	17934
10567	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{\Delta}^0\Sigma_c^{*0}D_0^{*-}$	10566	1	17935
10568	$e^+e^- \to \pi^0\rho^+\bar{K}^0D^-\bar{D}^{*-}D^0D_s^+\gamma$	10567	1	17936
10569	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^-\omega D^+D^+$	10568	1	17937
10570	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\eta\omega\omega\eta'D^-\bar{D}^{*0}$	10569	1	17938
10571	$e^+e^- \to \rho^0\pi^-\rho^-K^0\bar{K}^0K^{*+}D^{*+}p\bar{\Sigma}_c^{*-}$	10570	1	17939
10572	$e^+e^- \to \pi^+\pi^+\rho^+\rho^+\rho^-\rho^-D^-\bar{D}^{*-}$	10571	1	17940
10573	$e^+e^- \to \pi^0K^0D^+D^+D^-D_s^-$	10572	1	17941
10574	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*+}$	10573	1	17942
10575	$e^+e^- \to \pi^-\bar{K}^*K^+D^{*0}\bar{D}^{*0}\eta_c$	10574	1	17943
10576	$e^+e^- \to \rho^+\bar{K}^*K^-D^{*+}D_1'^-$	10575	1	17944
10577	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0D^{*+}D^0\bar{D}^0\Delta^0\bar{\Delta}^+$	10576	1	17945
10578	$e^+e^- \to e^+\nu_e\eta K^*K^-D^+D^-$	10577	1	17946
10579	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^+K^{*+}K^{*-}D^-D_s^{*-}$	10578	1	17947
10580	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	10579	1	17948
10581	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0D^{*0}D_0^{*-}$	10580	1	17949
10582	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D_1'^+D_1'^-$	10581	1	17950
10583	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^+\chi_{c1}$	10582	1	17951
10584	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\Delta^0\bar{\Sigma}_c^-$	10583	1	17952
10585	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D^0$	10584	1	17953
10586	$e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}n\bar{p}$	10585	1	17954
10587	$e^+e^- \to e^+\nu_e\eta\bar{K}^*J/\psi D_1^-$	10586	1	17955
10588	$e^+e^- \to \pi^-\bar{K}^*D^{*+}D^{*+}\bar{D}^0n\bar{p}$	10587	1	17956
10589	$e^+e^- \to e^+\nu_e\pi^-\rho^+\omega\bar{D}^{*-}$	10588	1	17957
10590	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-}$	10589	1	17958
10591	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+\Delta^0\bar{\Sigma}_c^0$	10590	1	17959
10592	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^+D^{*+}\bar{D}^{*-}$	10591	1	17960

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10593	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0$	10592	1	17961
10594	$e^+e^- \to \pi^0\pi^-\rho^+K^0\bar{K}^0K^*D_s^-D_1^+$	10593	1	17962
10595	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma^+$	10594	1	17963
10596	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-}D_2^{*+}$	10595	1	17964
10597	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}D^0D_s^-$	10596	1	17965
10598	$e^+e^- \to \omega K^+D^-D^{*0}\bar{\Delta}^+\Lambda_c^+$	1826	1	17966
10599	$e^+e^- \to \rho^+\eta\bar{K}^0\bar{K}^0K^+D^-D^-D^0$	10598	1	17967
10600	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+K^0K^-D^+D^-$	10599	1	17968
10601	$e^+e^- \to \pi^0D^+\Delta^0\bar{\Sigma}_c^0a_1^-$	10600	1	17969
10602	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	10601	1	17970
10603	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^*K^+D^-D^{*+}$	10602	1	17971
10604	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\bar{K}^0K^-K^{*+}D_1^-$	10603	1	17972
10605	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^-K^{*+}D^-D^{*+}$	10604	1	17973
10606	$e^+e^- \to \pi^+\pi^-\bar{D}^0D_s^+n\bar{\Sigma}_c^{*-}$	10605	1	17974
10607	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^+\bar{D}^{*-}p\bar{\Lambda}_c^-$	10606	1	17975
10608	$e^+e^- \to K^0\bar{K}^0K^-D^+D^0\bar{D}^{*0}\Sigma^0\bar{\Sigma}^0$	1827	1	17976
10609	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	10608	1	17977
10610	$e^+e^- \to \pi^0\omega K^*K^-D^-D^{*+}a_1^+$	10609	1	17978
10611	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}$	1828	1	17979
10612	$e^+e^- \to \pi^+\rho^-\rho^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^0$	10611	1	17980
10613	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega K^+K^{*+}D^{*+}D_s^{*-}$	10612	1	17981
10614	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-D^{*+}D^{*+}$	1829	1	17982
10615	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-K^0D^{*+}\bar{\Delta}^-\Sigma^-$	10614	1	17983
10616	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*D^-D^0$	10615	1	17984
10617	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\eta'D^+D^-$	10616	1	17985
10618	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0n\bar{n}$	10617	1	17986
10619	$e^+e^- \to \pi^0\pi^-K^0D^+D^0\bar{D}^{*0}p\bar{\Delta}^+$	10618	1	17987
10620	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-K^-K^{*+}D^+\bar{D}^{*-}$	10619	1	17988
10621	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\eta\eta\eta'D^{*+}D^{*+}$	10620	1	17989
10622	$e^+e^- \to \pi^0\rho^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}a_1^+$	10621	1	17990
10623	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta K^*K^-D^+\bar{D}^{*-}$	10622	1	17991
10624	$e^+e^- \to \pi^+D^-D^{*+}D_s^-\Delta^0\bar{\Delta}^0$	10623	1	17992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10625	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^0K^+D^-D^{*+}$	10624	1	17993
10626	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0D^{*0}D_s^{*+}D_1'^-$	10625	1	17994
10627	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^-$	10626	1	17995
10628	$e^+e^- \to \pi^0\rho^-\eta K^0D^+D^+D^-\gamma$	10627	1	17996
10629	$e^+e^- \to \pi^0\rho^0\rho^+\omega K^*K^+K^-K^-D^+\bar{D}^{*-}$	10628	1	17997
10630	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^{*-}D^-D^{*+}$	10629	1	17998
10631	$e^+e^- \to \pi^0\pi^+\rho^-K^*D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^-n$	10630	1	17999
10632	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^0$	10631	1	18000
10633	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^*D^0\bar{D}^{*0}\bar{n}\Sigma_c^{*+}$	10632	1	18001
10634	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0D_s^{*+}$	10633	1	18002
10635	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\eta\omega D^+D^-$	10634	1	18003
10636	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	10635	1	18004
10637	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	10636	1	18005
10638	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	1830	1	18006
10639	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^*K^-D^+D^-$	1831	1	18007
10640	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	10639	1	18008
10641	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\eta'D^{*+}n\bar{\Sigma}_c^{*0}$	10640	1	18009
10642	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^+D^-$	10641	1	18010
10643	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^-\eta\omega D^+\bar{D}^{*0}$	10642	1	18011
10644	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^*K^{*-}D^+p\bar{\Sigma}_c^-$	10643	1	18012
10645	$e^+e^- \to \pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^+D_s^-$	10644	1	18013
10646	$e^+e^- \to \tau^+\nu_\tau\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	10645	1	18014
10647	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta'\bar{D}^{*-}D^0\Delta^-\bar{\Delta}^+$	10646	1	18015
10648	$e^+e^- \to \mu^+\nu_\mu\bar{K}_1^0D_1^-\gamma$	30	1	18016
10649	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^0D^{*0}D_s^{*-}$	10648	1	18017
10650	$e^+e^- \to \pi^+\rho^-\eta'D^+\Delta^-\bar{\Lambda}$	10649	1	18018
10651	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega\omega D^+\bar{D}^{*-}$	10650	1	18019
10652	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}D_{s0}^{*+}$	10651	1	18020
10653	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\bar{D}^{*0}D_1^+$	10652	1	18021
10654	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	10653	1	18022
10655	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+}$	10654	1	18023
10656	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega K^*D^{*+}\bar{D}^{*-}$	10655	1	18024

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10657	$e^+e^- \to \pi^0 D^- \bar{\Delta}^- \Delta^0 \bar{\Delta}^+ \Sigma_c^+$	10656	1	18025
10658	$e^+e^- \to e^+ \nu_e \pi^+ D^0 D_s^- D_1^-$	10657	1	18026
10659	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^- D^+ D^{*+}$	10658	1	18027
10660	$e^+e^- \to \rho^0 \rho^0 \pi^+ \pi^- \pi^- \rho^+ \eta D^{*+} \bar{D}^{*-}$	10659	1	18028
10661	$e^+e^- \to K^0 \bar{K}^0 D^{*+} \bar{D}^{*-} D^0 \bar{D}^0$	10660	1	18029
10662	$e^+e^- \to \rho^0 \pi^+ \bar{K}^0 \bar{D}^{*-} \psi'$	10661	1	18030
10663	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ \omega K^+ D^- D^-$	10662	1	18031
10664	$e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^- D^+ \bar{D}^{*-}$	10663	1	18032
10665	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \rho^- \omega K^{*+} D^{*+}$	10664	1	18033
10666	$e^+e^- \to \pi^0 \pi^0 K^* D^+ D^{*+} \bar{D}^{*-} D_s^-$	10665	1	18034
10667	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \rho^+ \rho^- \bar{D}^{*-} D_s^+ \bar{n} \Sigma^{*-}$	10666	1	18035
10668	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^+ \pi^+ \pi^- \eta \omega \omega K^0 \bar{D}^{*-} D_s^{*-}$	10667	1	18036
10669	$e^+e^- \to \pi^0 \rho^0 \rho^+ D^{*+} \bar{D}^{*-} a_1^-$	10668	1	18037
10670	$e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \eta \omega D^- D^{*+}$	10669	1	18038
10671	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \rho^- K^0 \bar{K}^0 D^{*+} \bar{D}^{*-} \gamma$	10670	1	18039
10672	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \rho^+ \rho^- \omega \omega K^0 K^- D^+ D^-$	10671	1	18040
10673	$e^+e^- \to \pi^+ \pi^+ \pi^- \eta \omega K^0 K^- D^+ n \bar{\Lambda}_c^-$	10672	1	18041
10674	$e^+e^- \to e^- \bar{\nu}_e \rho^0 \pi^- \pi^- \rho^+ D^+ D_1^+$	10673	1	18042
10675	$e^+e^- \to \tau^+ \nu_\tau K^0 \bar{K}^0 D^+ D^- D_s^-$	10674	1	18043
10676	$e^+e^- \to e^+ \nu_e \pi^0 \pi^+ \pi^+ \pi^- D^- \bar{D}^{*-} \Sigma^+ \bar{\Sigma}^-$	10675	1	18044
10677	$e^+e^- \to \pi^0 D^- D^0 \bar{D}^0 D_s^{*+}$	10676	1	18045
10678	$e^+e^- \to \mu^+ \nu_\mu \omega \bar{K}^* K^+ D^- \bar{D}^{*-}$	10677	1	18046
10679	$e^+e^- \to \mu^+ \nu_\mu \pi^- \rho^+ \eta K^0 K^- D^+ \bar{D}^{*-}$	10678	1	18047
10680	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \bar{D}^{*-} D^{*0}$	10679	1	18048
10681	$e^+e^- \to \tau^+ \nu_\tau \rho^- \omega K^0 \bar{K}^0 D^{*+} \bar{D}^{*-}$	10680	1	18049
10682	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^+ \eta \bar{D}^{*-} D^{*0} D_s^-$	10681	1	18050
10683	$e^+e^- \to \rho^0 \pi^+ \rho^- \bar{K}^0 K_2^{*0} K^{*+} D^- J/\psi$	10682	1	18051
10684	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- D^{*+} p \bar{\Sigma}_c^0$	10683	1	18052
10685	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 D^+ \bar{\Delta}^+ \Xi_c^{*+}$	10684	1	18053
10686	$e^+e^- \to K^0 K^- \phi D^+ D^- D^{*+} \bar{D}^{*0}$	10685	1	18054
10687	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \eta K^0 \bar{K}^0 K^+ D_s^-$	10686	1	18055
10688	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- \bar{K}^* D^{*+} \Delta^0 \bar{\Xi}_c'^0$	10687	1	18056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10689	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+D^+D^-$	10688	1	18057
10690	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-K^{*+}D^{*+}$	10689	1	18058
10691	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0\bar{K}^0\bar{K}^0D^-D_s^+$	1833	1	18059
10692	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega\bar{K}^0K^+K^-\bar{D}^{*-}D^0$	10691	1	18060
10693	$e^+e^- \to e^+\nu_e\rho^+\bar{K}^0D^-D^{*0}D_0^{*-}$	10692	1	18061
10694	$e^+e^- \to \pi^+\rho^-\rho^-\eta D^+D^-D_s^+$	10693	1	18062
10695	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega\omega D^-\bar{D}^{*-}$	10694	1	18063
10696	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_0^{*+}$	10695	1	18064
10697	$e^+e^- \to \bar{K}^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	10696	1	18065
10698	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^-$	1834	1	18066
10699	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^{*-}$	428	1	18067
10700	$e^+e^- \to \pi^-\rho^+K^-D^+D^-\bar{D}^0D_s^{*+}$	10699	1	18068
10701	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^*\bar{D}^0D_s^{*+}$	10700	1	18069
10702	$e^+e^- \to \pi^+\pi^-\rho^+D^+D^-n\bar{p}$	10701	1	18070
10703	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^+K^-D^+D^-D_s^{*-}$	10702	1	18071
10704	$e^+e^- \to \pi^0\pi^-K^*K^-D^{*+}\bar{D}^{*0}D_s^{*+}$	10703	1	18072
10705	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\rho^-\eta D^+D^{*+}$	10704	1	18073
10706	$e^+e^- \to \pi^0\pi^0\rho^+D^-D^-D_s^+\gamma$	10705	1	18074
10707	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta D^+D^-$	10706	1	18075
10708	$e^+e^- \to \pi^+\pi^+K^-\bar{p}\Sigma_c^0\chi_{c1}$	10707	1	18076
10709	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}$	10708	1	18077
10710	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^-\omega\bar{K}^0K^+D^-D_1'^+$	10709	1	18078
10711	$e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^{*+}D_s^{*-}\gamma$	10710	1	18079
10712	$e^+e^- \to \pi^0\pi^+\rho^+D^-\bar{D}^{*-}n\bar{n}\gamma$	10711	1	18080
10713	$e^+e^- \to e^-\bar{\nu}_e\rho^0\eta\bar{D}^{*0}D_0^{*+}$	10712	1	18081
10714	$e^+e^- \to \rho^0\rho^0\rho^0\pi^-\rho^-\omega\omega\bar{K}^0K^*K^+D^+$	10713	1	18082
10715	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\Sigma^-\bar{\Xi}^+$	10714	1	18083
10716	$e^+e^- \to \omega\bar{D}^{*-}D_s^+\bar{\Delta}^0\Sigma_c^{*0}$	10715	1	18084
10717	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+$	10716	1	18085
10718	$e^+e^- \to e^+\nu_e\rho^0\pi^+K^+K^{*-}D^-\bar{D}^{*-}$	10717	1	18086
10719	$e^+e^- \to e^-\bar{\nu}_e\eta K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	10718	1	18087
10720	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}$	10719	1	18088

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10721	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^{*-}D^{*+}D_s^+$	10720	1	18089
10722	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*-}\bar{n}p$	10721	1	18090
10723	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^+D^-D^-$	10722	1	18091
10724	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{D}^{*0}J/\psi$	10723	1	18092
10725	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^{*+}D^{*+}$	10724	1	18093
10726	$e^+e^- \to e^-\bar{\nu}_e\eta D^+\bar{D}^{*0}\bar{n}\Delta^0$	10725	1	18094
10727	$e^+e^- \to \pi^+\omega\omega K^{*-}D^+D^-\bar{D}^0$	10726	1	18095
10728	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Sigma}_c^-$	10727	1	18096
10729	$e^+e^- \to \pi^-\pi^-\eta\omega\omega D^+D^{*+}$	10728	1	18097
10730	$e^+e^- \to e^-\bar{\nu}_eX_u^+K^+\bar{D}^{*-}D^{*0}$	1836	1	18098
10731	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0D^{*+}\bar{D}^{*-}D_{s0}^{*+}\gamma$	1837	1	18099
10732	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\omega K^-K^{*+}D^{*+}D^0$	10731	1	18100
10733	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^+\bar{D}^0$	10732	1	18101
10734	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega K^0D^+\bar{D}^{*-}$	10733	1	18102
10735	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\rho^+\omega\bar{D}^{*-}D^0$	1838	1	18103
10736	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0\bar{\Sigma}^+\Sigma^0$	10735	1	18104
10737	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega D^+\bar{D}^{*-}$	429	1	18105
10738	$e^+e^- \to K^0K^0\bar{K}^0\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-}$	1840	1	18106
10739	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}n\bar{n}$	10738	1	18107
10740	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^-D^{*+}$	10739	1	18108
10741	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\eta D^-D^{*+}$	10740	1	18109
10742	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+$	10741	1	18110
10743	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-D^+\bar{D}^{*-}p\bar{p}$	10742	1	18111
10744	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^-D^0\bar{n}\Delta^0$	10743	1	18112
10745	$e^+e^- \to D^+\bar{D}^{*-}D_s^-D_{s1}'^+\gamma$	10744	1	18113
10746	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^{*+}\bar{D}^{*-}D_s^{*-}$	10745	1	18114
10747	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0D^{*+}\bar{D}^0$	10746	1	18115
10748	$e^+e^- \to \pi^0\pi^+K^0\bar{D}^0D^{*0}D^{*0}\Delta^0\bar{\Delta}^+$	1841	1	18116
10749	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^*D^-D^0$	430	1	18117
10750	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^0$	10749	1	18118
10751	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-n\bar{n}$	1843	1	18119
10752	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega\bar{K}^0K^+D^-D^{*+}$	10751	1	18120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10753	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^-D_s^+D_s^-$	10752	1	18121
10754	$e^+e^- \to \pi^-\omega K^0D^+D^{*+}\bar{D}^{*-}p\bar{p}$	10753	1	18122
10755	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^0$	10754	1	18123
10756	$e^+e^- \to \pi^0\pi^0\rho^+\eta'D^-D^{*+}D_s^-$	10755	1	18124
10757	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	10756	1	18125
10758	$e^+e^- \to \pi^+D^-D^0D_s^-D_s^{*+}$	10757	1	18126
10759	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^0D_s^-$	10758	1	18127
10760	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	10759	1	18128
10761	$e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}\bar{n}p$	10760	1	18129
10762	$e^+e^- \to \rho^+D^+D_s^-\Sigma^-\bar{\Xi}_c^0$	10761	1	18130
10763	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-\eta\omega\omega K^0D^+\bar{D}^0$	10762	1	18131
10764	$e^+e^- \to \tau^+\nu_\tau\rho^0\bar{D}^{*-}\bar{n}pD_1'^-$	10763	1	18132
10765	$e^+e^- \to \pi^0\rho^-\eta D^{*+}\bar{D}^0$	10764	1	18133
10766	$e^+e^- \to \pi^-K^+K^+K^-D^+\bar{D}^{*-}D^{*0}$	10765	1	18134
10767	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^-K^{*+}\bar{D}^{*-}\bar{\Sigma}^{*-}\Xi_c'^+$	431	1	18135
10768	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	10767	1	18136
10769	$e^+e^- \to e^-\bar{\nu}_eK^0K^{*-}\phi D^{*+}D^{*+}$	10768	1	18137
10770	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^*K^-D^+D^{*+}$	10769	1	18138
10771	$e^+e^- \to \pi^-\rho^-D^{*+}\bar{\Delta}^0\Sigma_c^+$	10770	1	18139
10772	$e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+K^0K^-D^-D^{*+}$	10771	1	18140
10773	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta\omega D^-\bar{D}^{*-}n\bar{n}\bar{n}p$	10772	1	18141
10774	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+D^-D^-$	1845	1	18142
10775	$e^+e^- \to \tau^+\nu_\tau\pi^-K^0\bar{K}^0D^+D^-$	10774	1	18143
10776	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+\bar{D}^{*-}D_{s1}'^-$	1846	1	18144
10777	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0D^-D^{*+}$	10776	1	18145
10778	$e^+e^- \to \rho^0K_L\pi^-\rho^+\rho^-D^{*+}\chi_{c0}$	10777	1	18146
10779	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+}$	10778	1	18147
10780	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^0D^{*+}\bar{D}^{*-}\Delta^-\bar{p}$	10779	1	18148
10781	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^0D^+\bar{n}\Xi_c'^0$	10780	1	18149
10782	$e^+e^- \to e^+\nu_e\pi^0\omega\omega\bar{D}^{*-}D^{*0}$	10781	1	18150
10783	$e^+e^- \to \pi^0K^*D^-D^{*+}\bar{D}^{*-}D_s^+$	10782	1	18151
10784	$e^+e^- \to \mu^+\nu_\mu\rho^+K^-D^0\bar{D}^{*0}D_0^{*-}$	10783	1	18152

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10785	$e^+e^- \to \rho^- \bar{D}^0 \bar{\Delta}^0 \Delta^+ \bar{\Delta}^+ \Sigma_c^{*+}$	10784	1	18153
10786	$e^+e^- \to \pi^0 \rho^- \eta K^0 K^+ K^- D^{*+} J/\psi$	10785	1	18154
10787	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^+ \rho^- D^+ D^-$	10786	1	18155
10788	$e^+e^- \to K^+ D^+ D^- D^{*0} D_{s1}'^-$	10787	1	18156
10789	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \eta \bar{D}^{*-} \bar{\Delta}^0 \Sigma_c^{*0}$	10788	1	18157
10790	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- \eta\eta\eta D^+ \bar{n} p$	1847	1	18158
10791	$e^+e^- \to \mu^+ \nu_\mu \pi^- \omega \bar{K}^0 K^* D^{*+} \bar{D}^{*-}$	1848	1	18159
10792	$e^+e^- \to \mu^+ \nu_\mu \bar{K}^0 D^- \eta_c$	10791	1	18160
10793	$e^+e^- \to \pi^0 \pi^+ \pi^+ \rho^+ \rho^- \bar{K}^0 \bar{D}^{*-} \bar{D}^{*-} D^0$	432	1	18161
10794	$e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \bar{K}^* K^{*+} D^- D^0 J/\psi$	10793	1	18162
10795	$e^+e^- \to \tau^+ \nu_\tau K^0 \bar{K}^* K^{*-} \bar{D}^{*-} D_s^+$	10794	1	18163
10796	$e^+e^- \to \rho^0 \rho^- \bar{K}^0 K^+ K^- K^{*+} D^{*+} \bar{D}^{*-}$	10795	1	18164
10797	$e^+e^- \to e^+ \nu_e \eta D^- D^{*0} \Delta^+ \bar{\Delta}^+$	10796	1	18165
10798	$e^+e^- \to \pi^0 \pi^0 \pi^+ \omega\omega \bar{K}^0 D^- D^0 \bar{D}^0$	10797	1	18166
10799	$e^+e^- \to \rho^0 \bar{K}^* \bar{D}^{*-} D_s^+ J/\psi$	10798	1	18167
10800	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^+ \eta D^- D^{*0}$	10799	1	18168
10801	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^+ \rho^- \bar{D}^{*-} D^{*0} a_1^+$	10800	1	18169
10802	$e^+e^- \to \pi^- \omega K^0 \bar{K}^* K^+ D^+ D_s^{*-}$	10801	1	18170
10803	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \pi^- \eta D^- D^{*+} a_1^+$	10802	1	18171
10804	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^- \omega\omega D^{*+} D_1'^-$	433	1	18172
10805	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \rho^+ K^0 D^{*+} \bar{D}^0$	10804	1	18173
10806	$e^+e^- \to \pi^+ \pi^+ \pi^- \rho^+ \rho^- \bar{D}^{*0} \bar{\Delta}^+ \Sigma_c^{*0}$	10805	1	18174
10807	$e^+e^- \to \pi^- \pi^- \rho^+ \eta D^+ D_2^{*+} D_s^-$	10806	1	18175
10808	$e^+e^- \to e^+ \nu_e \bar{K}^0 \bar{D}^{*-} D^{*0}$	10807	1	18176
10809	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \eta K^0 D^{*+} \bar{D}^{*0}$	10808	1	18177
10810	$e^+e^- \to \pi^- \omega K^- D^+ D^{*+} \bar{D}^0$	10809	1	18178
10811	$e^+e^- \to \pi^+ \pi^+ \pi^- K^{*-} D^- D^{*+} \bar{D}^{*0}$	10810	1	18179
10812	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \pi^- \rho^+ \omega D^0 \bar{D}^{*0}$	10811	1	18180
10813	$e^+e^- \to e^+ \nu_e \pi^+ \pi^+ \pi^- \pi^- \eta\omega \bar{D}^{*-} D^0$	10812	1	18181
10814	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \rho^- K^0 D^+ \bar{D}^0 D^{*0}$	10813	1	18182
10815	$e^+e^- \to \rho^0 \pi^+ \pi^- \rho^- \bar{K}^0 K^{*+} D^- D^{*+}$	10814	1	18183
10816	$e^+e^- \to \pi^0 \bar{D}^{*-} \bar{\Delta}^0 \Sigma_c^{*0} D_{s1}^+$	10815	1	18184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10817	$e^+e^- \to \pi^+\pi^+\rho^-K^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	10816	1	18185
10818	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^{*+}D_1'^-$	10817	1	18186
10819	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta D^-D^{*+}$	10818	1	18187
10820	$e^+e^- \to \pi^0\rho^+\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	10819	1	18188
10821	$e^+e^- \to \pi^+\eta K^+K^-D^-\bar{D}^{*-}D_s^{*+}$	10820	1	18189
10822	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\eta' D^+D^{*+}$	10821	1	18190
10823	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^+\bar{D}^0D_s^-$	10822	1	18191
10824	$e^+e^- \to \rho^0\pi^+\pi^-\eta' D^{*+}\bar{D}^{*-}$	10823	1	18192
10825	$e^+e^- \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0\bar{\Delta}^-n$	10824	1	18193
10826	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^+\bar{\Lambda}\Sigma^0$	10825	1	18194
10827	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^0D^+D^{*+}$	10826	1	18195
10828	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0}$	10827	1	18196
10829	$e^+e^- \to \pi^0\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*-}D_{s1}'^+$	10828	1	18197
10830	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*0}$	10829	1	18198
10831	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+K^-D^-D^{*+}$	10830	1	18199
10832	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^*D^+n\bar{p}$	10831	1	18200
10833	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-K^*D^{*0}J/\psi$	10832	1	18201
10834	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^{*+}D_s^-$	10833	1	18202
10835	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\eta K^0K^{*-}D^+D_1'^+$	10834	1	18203
10836	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}D^{*0}a_1^+$	10835	1	18204
10837	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*0}D_{s0}^{*+}$	10836	1	18205
10838	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-}n\bar{n}$	1851	1	18206
10839	$e^+e^- \to e^+\nu_e\rho^-\eta\eta\bar{K}^*D^-D^{*+}$	10838	1	18207
10840	$e^+e^- \to \pi^0D^-D^{*+}D_s^-D_s^{*+}$	10839	1	18208
10841	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^-$	10840	1	18209
10842	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-D^-D^{*+}\bar{n}\Delta^{++}$	10841	1	18210
10843	$e^+e^- \to e^+\nu_eX_u^-K^*D^+D_s^{*-}$	10842	1	18211
10844	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^{*0}$	10843	1	18212
10845	$e^+e^- \to \pi^+\eta K^*K^-K^-K^{*+}D^+\bar{D}^{*-}$	10844	1	18213
10846	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-K^+K^-D^-D^{*+}$	10845	1	18214
10847	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*D^+D^+D^-$	10846	1	18215
10848	$e^+e^- \to e^-\bar{\nu}_e\eta K^0D^{*+}D^{*+}\bar{D}^{*-}\gamma$	434	1	18216

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10849	$e^+e^- \to \pi^- K^{*+} D^{*+} \bar{D}^{*-} D_s^+ D_1^-$	1853	1	18217
10850	$e^+e^- \to e^+\nu_e \pi^+\pi^- K^- \bar{D}^0 \bar{D}^{*0} p\bar{p}$	10849	1	18218
10851	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega\bar{K}^0 K^+ K^+ K^- \bar{D}^{*-} D^0$	10850	1	18219
10852	$e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-} D^0 D_s^{*-}$	10851	1	18220
10853	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0 K^+ K^{*+} K^{*-} D^{*+} \bar{D}^{*-}$	10852	1	18221
10854	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- K^+ \eta' D^0 \bar{D}^{*0} D_s^-$	10853	1	18222
10855	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^- D^{*+} a_1^-$	10854	1	18223
10856	$e^+e^- \to \rho^0\eta\eta\omega K^{*-} D^{*+} \bar{D}^{*-} \bar{\Delta}^+ \Delta^{++}$	10855	1	18224
10857	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+} D_1^+$	10856	1	18225
10858	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^- K^+ D^+ D_s^-$	10857	1	18226
10859	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 \bar{K}^0 D^+ D^{*0} \bar{D}^{*0}$	10858	1	18227
10860	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+ \bar{D}^{*-}$	1854	1	18228
10861	$e^+e^- \to \tau^+\nu_\tau D^0 n\bar{n} D_0^{*-}$	10860	1	18229
10862	$e^+e^- \to e^-\bar{\nu}_e \pi^+\rho^+\rho^- D^{*+} \bar{D}^{*-}$	10861	1	18230
10863	$e^+e^- \to \mu^+\nu_\mu \pi^0 D^- D_2^{*-} D_s^{*+}$	1855	1	18231
10864	$e^+e^- \to \pi^0\pi^+\rho^- \bar{K}^0 K^{*+} K^{*+} \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	10863	1	18232
10865	$e^+e^- \to e^-\bar{\nu}_e \rho^0\pi^- D^{*+} D_1^+$	10864	1	18233
10866	$e^+e^- \to \pi^+\rho^- \bar{K}^0 K^+ D^+ D^- D^-$	10865	1	18234
10867	$e^+e^- \to \tau^-\bar{\nu}_\tau \pi^0\pi^0\pi^- \bar{K}^0 K^+ D_2^{*+} \bar{D}^0$	10866	1	18235
10868	$e^+e^- \to K^{*+} D^{*+} \bar{D}^{*-} D^0 D_{s1}'^-$	10867	1	18236
10869	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^- D^+ D^-$	10868	1	18237
10870	$e^+e^- \to \pi^+\rho^-\rho^- K^0 \bar{K}^0 D^{*+} D_2^{*+} D_s^{*-}$	10869	1	18238
10871	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+ \bar{D}^{*-} \bar{n}\Delta^+$	10870	1	18239
10872	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^+\rho^-\rho^- D^{*+} D^{*+}$	10871	1	18240
10873	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0 D^+ D^- D_s^{*+}$	10872	1	18241
10874	$e^+e^- \to \tau^-\bar{\nu}_\tau \pi^+\omega D^+ \bar{D}^{*-}$	1856	1	18242
10875	$e^+e^- \to \mu^+\nu_\mu \pi^0\rho^0\pi^+\pi^-\rho^- D^{*+} \bar{D}^{*-}$	10874	1	18243
10876	$e^+e^- \to \pi^0\omega\omega\bar{K}^0 D^+ D^+ \bar{D}^{*-} n\bar{\Delta}^+$	10875	1	18244
10877	$e^+e^- \to \pi^+\pi^+\omega D^- D^0 D^0 D_s^-$	10876	1	18245
10878	$e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0 D^- D^{*0} \bar{D}^{*0}$	10877	1	18246
10879	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^+ D^- D_s^{*-}$	10878	1	18247
10880	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^+ \bar{D}^{*-}$	10879	1	18248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10881	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^-$	10880	1	18249
10882	$e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	10881	1	18250
10883	$e^+e^- \to \pi^-\rho^-K^+K^+K^-D^{*+}\eta_c$	10882	1	18251
10884	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}$	10883	1	18252
10885	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	10884	1	18253
10886	$e^+e^- \to \eta K^0K^+K^-D^-D^{*+}D^0$	1857	1	18254
10887	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-K^+D^+D^-D^{*+}$	10886	1	18255
10888	$e^+e^- \to K^*D^+D^+D^-D_s^-$	10887	1	18256
10889	$e^+e^- \to \pi^+\bar{K}^0K^*\bar{D}^{*-}D^{*0}\bar{\Sigma}^0\Sigma^{*0}$	10888	1	18257
10890	$e^+e^- \to \bar{K}^0D^-D_s^+\bar{\Delta}^0\Sigma_c^0$	10889	1	18258
10891	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}$	10890	1	18259
10892	$e^+e^- \to \pi^0\pi^-\pi^-\rho^-\omega\bar{K}^*K^+D^{*+}D^{*+}$	10891	1	18260
10893	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	10892	1	18261
10894	$e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^0D^-\bar{D}^{*-}D^{*0}$	10893	1	18262
10895	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+D^-n\bar{p}$	10894	1	18263
10896	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}\eta_cD_0^{*+}$	435	1	18264
10897	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}D_s^+$	1859	1	18265
10898	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-D^+\bar{p}\Lambda_c^+$	10897	1	18266
10899	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^+D^{*+}\bar{D}^{*-}n\bar{p}$	10898	1	18267
10900	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	10899	1	18268
10901	$e^+e^- \to K^{*+}K^{*-}D^-D^{*+}D^{*0}\bar{D}^{*0}$	10900	1	18269
10902	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\rho^0\pi^+\eta\eta\bar{D}^{*-}$	10901	1	18270
10903	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{K}^0K^*D^-$	10902	1	18271
10904	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi$	10903	1	18272
10905	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0D^{*0}\Delta^+\bar{\Sigma}_c^{*-}$	10904	1	18273
10906	$e^+e^- \to \eta\bar{D}^0\bar{D}^0D^{*0}\bar{n}\Delta^0$	10905	1	18274
10907	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^0\bar{K}^0D^+D^-$	10906	1	18275
10908	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^{*+}D^{*+}\bar{D}^{*-}$	10907	1	18276
10909	$e^+e^- \to \pi^-\rho^+D^+D^-$	10908	1	18277
10910	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\rho^+\rho^-D^-$	10909	1	18278
10911	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^*D^-D^{*+}$	10910	1	18279
10912	$e^+e^- \to \pi^0\pi^+\pi^+\eta\bar{D}^{*-}D_s^{*-}$	10911	1	18280

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10913	$e^+e^- \to \rho^0\rho^-\eta K^- D^+ D^+ \bar{D}^{*0}$	10912	1	18281
10914	$e^+e^- \to \pi^0\bar{K}^0 D^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-}$	10913	1	18282
10915	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	10914	1	18283
10916	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-}\chi_{c1}$	10915	1	18284
10917	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^* D^+ D^+ D^-$	436	1	18285
10918	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D_s^+ D_s^{*-} D_1^+$	1861	1	18286
10919	$e^+e^- \to \pi^+\pi^+\rho^-\omega\omega\bar{K}^* K^+ D^-\bar{D}^{*-}$	10918	1	18287
10920	$e^+e^- \to \pi^0\eta K^0 D^{*+} D^{*0}\bar{D}^{*0} D_s^{*-}$	10919	1	18288
10921	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-} p\bar{\Sigma}_c^{--}$	10920	1	18289
10922	$e^+e^- \to \pi^0\rho^0 K^0 D^{*+} D_s^- p\bar{\Lambda}_c^-$	10921	1	18290
10923	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0}$	10922	1	18291
10924	$e^+e^- \to \pi^-\pi^-\eta\omega\bar{K}^0 D^+ D^+\bar{D}^0$	10923	1	18292
10925	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	1862	1	18293
10926	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ K^{*+} D^- D^0\bar{D}^{*0}$	10925	1	18294
10927	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^- D^{*+} a_1^+$	10926	1	18295
10928	$e^+e^- \to \pi^0\pi^-\eta K^{*+} D^+ D^- D^0$	10927	1	18296
10929	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	10928	1	18297
10930	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\bar{D}^0 D^{*0} D_s^{*+}$	1863	1	18298
10931	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^+ K^{*-} D^{*+}\bar{D}^{*-}$	10930	1	18299
10932	$e^+e^- \to \pi^0\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-}\bar{p}\Delta^{++}$	10931	1	18300
10933	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+ K^- D^+ D^- D^-$	10932	1	18301
10934	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\bar{D}^{*-} D^0$	10933	1	18302
10935	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}$	1864	1	18303
10936	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^{*+} K^{*-} D^+ D_1^-$	10935	1	18304
10937	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^- K^0\bar{K}^0 K^- K^{*+} D^{*+}\bar{D}^{*-}$	10936	1	18305
10938	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^- K^{*-}\bar{D}^{*-}$	10937	1	18306
10939	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-} D_s^-$	10938	1	18307
10940	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega K^0\bar{K}^* K^{*-} D^+ D^0$	1865	1	18308
10941	$e^+e^- \to \pi^0\rho^+ K^- D_2^{*-} D_s^+ J/\psi$	437	1	18309
10942	$e^+e^- \to \pi^0\pi^0\rho^+\eta D^- D^- D_s^{*+}$	10941	1	18310
10943	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\eta\omega D^+ D_1'^+$	1867	1	18311
10944	$e^+e^- \to \rho^+\eta D^+ D^- a_1^-$	10943	1	18312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10945	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}$	10944	1	18313
10946	$e^+e^- \to K^-D^{*+}D_2^{*-}\bar{D}^{*0}D_s^+$	10945	1	18314
10947	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^0$	10946	1	18315
10948	$e^+e^- \to \rho^0\pi^-K^+D^-D^{*+}D^0$	10947	1	18316
10949	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0\bar{K}^0K^*K^+D^-\bar{D}^{*-}$	10948	1	18317
10950	$e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+\Delta^+\bar{\Omega}_c^{*0}$	10949	1	18318
10951	$e^+e^- \to \pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	10950	1	18319
10952	$e^+e^- \to \pi^-\pi^-\omega\bar{K}^0D^+D^{*+}\bar{D}^0$	10951	1	18320
10953	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+$	1868	1	18321
10954	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\omega K^-D_1'^+$	10953	1	18322
10955	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega\bar{K}^0K^+\phi\bar{D}^0D_s^{*-}$	10954	1	18323
10956	$e^+e^- \to \pi^+\pi^-\eta\omega K^0\bar{K}^0\bar{K}^0K^{*+}K^{*+}K^{*-}\bar{D}^{*-}D^0$	10955	1	18324
10957	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*0}\bar{D}^{*0}p\bar{\Delta}^+$	10956	1	18325
10958	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^{*+}$	10957	1	18326
10959	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	1869	1	18327
10960	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+n\bar{\Sigma}_c^0$	10959	1	18328
10961	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	1870	1	18329
10962	$e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{D}^0D_s^+D_1'^+$	10961	1	18330
10963	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^+\rho^-K^0K^+K^-D^-D^-$	10962	1	18331
10964	$e^+e^- \to \rho^-K^*\bar{\Delta}^+\Lambda\bar{\Lambda}\Sigma_c^{++}$	10963	1	18332
10965	$e^+e^- \to e^+\nu_e\rho^-D^-D_1^+$	10964	1	18333
10966	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}$	10965	1	18334
10967	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega D^-\bar{\Delta}^0\Sigma_c^+$	10966	1	18335
10968	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}a_1^+$	10967	1	18336
10969	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\bar{n}\Sigma^{*-}$	1871	1	18337
10970	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	10969	1	18338
10971	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\omega K^-\bar{D}^{*-}D_s^+$	10970	1	18339
10972	$e^+e^- \to \mu^+\nu_\mu\omega D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	10971	1	18340
10973	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	10972	1	18341
10974	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\eta K^+D^-D^{*+}$	10973	1	18342
10975	$e^+e^- \to \bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-}D^0\bar{D}^0$	10974	1	18343
10976	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0K^*D^-D^{*+}D_s^{*-}$	116	1	18344

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
10977	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-}$	10976	1	18345
10978	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}\bar{D}^{*-}$	10977	1	18346
10979	$e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+}\bar{\Delta}^0 p$	10978	1	18347
10980	$e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+}\bar{\Delta}^- n$	1873	1	18348
10981	$e^+e^- \to e^+\nu_e D^{*+}\Delta^-\bar{\Delta}^0 D_1^-$	10980	1	18349
10982	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^-\omega D^{*+}D^{*+}$	10981	1	18350
10983	$e^+e^- \to \pi^+\rho^-\bar{K}^0\bar{K}^0\bar{K}^* K^{*+}\bar{D}^{*-}D^{*0}$	10982	1	18351
10984	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- K^0\eta' D^0\chi_{c0}$	10983	1	18352
10985	$e^+e^- \to e^-\bar{\nu}_e\pi^- D^{*+}D^{*+}n\bar{n}$	10984	1	18353
10986	$e^+e^- \to \mu^+\nu_\mu\rho^+ D^- D^-\gamma$	10985	1	18354
10987	$e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^- a_1^-$	10986	1	18355
10988	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\pi^-\pi^- D^+ D_1^-$	10987	1	18356
10989	$e^+e^- \to \pi^0\bar{K}^0 K^+\bar{D}^{*-}D^0\bar{D}^0 D^{*0}$	10988	1	18357
10990	$e^+e^- \to \pi^0\rho^- K^*\bar{K}^* K^{*+}D^{*+}\bar{D}^{*-}D^0$	10989	1	18358
10991	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+ D^- D^{*+}$	10990	1	18359
10992	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^- D^+\bar{D}^{*-}D_s^-$	10991	1	18360
10993	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^0 K^{*+}D^- D^{*+}\bar{D}^{*-}$	10992	1	18361
10994	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^+ K^- D^{*+}D^0$	1874	1	18362
10995	$e^+e^- \to \pi^0 K^* D^+ D^- D^{*+}D_s^{*-}$	1875	1	18363
10996	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^- K^- D^+ D^-\Delta^-\bar{\Sigma}_c^{*0}$	10995	1	18364
10997	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega K^* D^- D^{*+}D^0$	10996	1	18365
10998	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-\eta D^{*+}$	10997	1	18366
10999	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^* K^+ K^- D^- D^- D^{*+}$	10998	1	18367
11000	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\eta D^{*+}D^0$	10999	1	18368
11001	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^0 D^+ D^+\bar{D}^{*-}$	1876	1	18369
11002	$e^+e^- \to \pi^+\pi^-\pi^- D^+ D^- D_s^+\gamma$	11001	1	18370
11003	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega\bar{K}^*\bar{K}^* K^{*+}D^-$	11002	1	18371
11004	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ K^0\bar{K}^0 D^+ D^-$	11003	1	18372
11005	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\bar{K}^0 K^* K^+ K^{*-}D^+ D^{*+}$	11004	1	18373
11006	$e^+e^- \to \pi^+\pi^- K^{*+}D^-\bar{D}^{*-}D^0 D_s^{*+}\gamma$	11005	1	18374
11007	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-}$	11006	1	18375
11008	$e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^{*-}D_{s0}^{*+}$	11007	1	18376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11009	$e^+e^- \to \pi^0\omega K^0 D^- D^{*0}\bar{D}^{*0}\bar{\Sigma}^+\Sigma^0$	11008	1	18377
11010	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^- D^{*+}\Lambda\bar{\Sigma}^{*-}$	11009	1	18378
11011	$e^+e^- \to \rho^+ D^+ D^- D_s^{*-}\gamma$	11010	1	18379
11012	$e^+e^- \to \pi^0 D^+\bar{D}^{*-} D_s^- D_s^{*+}\gamma$	11011	1	18380
11013	$e^+e^- \to \rho^+\rho^-\eta' D^- D^{*+}$	11012	1	18381
11014	$e^+e^- \to \bar{K}^* K^- D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	11013	1	18382
11015	$e^+e^- \to \pi^-\omega\omega K^0 D^{*+} D^{*+}\bar{D}^{*-}$	11014	1	18383
11016	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^0$	11015	1	18384
11017	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0 D^+ D^- n\bar{p}$	11016	1	18385
11018	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^0 D^+ D^{*0}\bar{D}^{*0}$	11017	1	18386
11019	$e^+e^- \to \pi^0\pi^+ K^0 K^- D^{*+}\bar{p}\Sigma_c^0$	11018	1	18387
11020	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D^+ D^-$	11019	1	18388
11021	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+ K^0\bar{K}^* K^- K^{*+} D^{*+}\bar{D}^{*-}$	11020	1	18389
11022	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^- D^+ D^+$	11021	1	18390
11023	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^0$	11022	1	18391
11024	$e^+e^- \to \pi^-\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^0 D_s^+$	11023	1	18392
11025	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^0 D^{*+}\bar{D}^{*0} a_1^-$	11024	1	18393
11026	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 D^- D^{*+} D^{*+}$	11025	1	18394
11027	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\omega K^+ K^{*-} D^{*+}\bar{D}^{*-}$	11026	1	18395
11028	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-} D_s^+ D_s^-$	11027	1	18396
11029	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^* K^* D^{*+}\bar{D}^{*-}$	11028	1	18397
11030	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega D^-\bar{D}^{*0}$	1877	1	18398
11031	$e^+e^- \to \pi^0\pi^+\omega K^{*-} D^0\bar{D}^0\bar{D}^{*0}$	11030	1	18399
11032	$e^+e^- \to \rho^- K^* D^{*+} D^{*0}\bar{D}^{*0}$	1878	1	18400
11033	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^- D^+ D_2^{*-}$	11032	1	18401
11034	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0 K^0\bar{K}^0 K^* D^+ D^{*+} D_s^-$	11033	1	18402
11035	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}\bar{n}p$	11034	1	18403
11036	$e^+e^- \to \pi^+\pi^-\pi^- D^+ D^{*+} a_1^-$	1879	1	18404
11037	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta' D^{*+}\bar{D}^{*-}$	11036	1	18405
11038	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\eta\bar{K}^0 D^-\bar{D}^{*-}$	11037	1	18406
11039	$e^+e^- \to \pi^0\pi^- K^0 D^+ D^+\bar{D}^{*0} D_{s1}'^-$	11038	1	18407
11040	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	11039	1	18408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11041	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega K^0\bar{K}^0K^-D^-\eta_c$	11040	1	18409
11042	$e^+e^- \to \bar{K}^0\bar{K}^0K^{*+}D^-\eta_c$	1880	1	18410
11043	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^+D^-D^{*+}\bar{D}^0$	11042	1	18411
11044	$e^+e^- \to \bar{D}^{*-}D_s^-D_{s0}^{*+}D_1'^+\gamma$	11043	1	18412
11045	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^+$	11044	1	18413
11046	$e^+e^- \to \mu^+\nu_\mu\pi^+K^0D^-\bar{D}^{*-}D^{*0}$	11045	1	18414
11047	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^-D_1'^+$	11046	1	18415
11048	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\bar{D}^{*-}\bar{n}p$	11047	1	18416
11049	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta K^*K^{*-}D^+\bar{D}^{*-}$	11048	1	18417
11050	$e^+e^- \to e^-\bar{\nu}_e\omega D^{*0}D_1^+$	11049	1	18418
11051	$e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^0$	11050	1	18419
11052	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\omega\bar{D}^{*-}\bar{n}p$	11051	1	18420
11053	$e^+e^- \to \bar{D}^{*-}D_s^{*+}J/\psi\bar{K}_1^0\gamma$	11052	1	18421
11054	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta'D^{*+}\bar{D}^{*-}n\bar{\Delta}^0$	11053	1	18422
11055	$e^+e^- \to \pi^0\rho^0\pi^-K^{*-}D^{*+}D^{*+}\bar{D}^{*0}$	1881	1	18423
11056	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\eta\omega\bar{K}^0D^+\bar{D}^{*-}$	11055	1	18424
11057	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^{*+}\eta'D^{*+}\bar{D}^{*-}$	11056	1	18425
11058	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^0K^{*-}D^{*+}\bar{D}^0$	11057	1	18426
11059	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	11058	1	18427
11060	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^+D^{*+}n\bar{p}$	11059	1	18428
11061	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^+D^{*+}\bar{D}^{*-}D^{*0}$	11060	1	18429
11062	$e^+e^- \to e^+\nu_e\pi^0\omega K^0K^{*-}D^+\bar{D}^{*-}$	11061	1	18430
11063	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+D^0D_s^-$	11062	1	18431
11064	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\omega K^+K^-D^+\bar{D}^{*0}$	11063	1	18432
11065	$e^+e^- \to \pi^+\bar{K}^*D^+D^-\Sigma^{*0}\bar{\Xi}_c^-$	11064	1	18433
11066	$e^+e^- \to \eta\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+$	439	1	18434
11067	$e^+e^- \to \pi^+\pi^+\pi^-\eta\eta K^-\bar{D}^{*-}D^0D_{s1}'^+$	11066	1	18435
11068	$e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^*K^+D^-D^{*+}$	11067	1	18436
11069	$e^+e^- \to \pi^0\rho^+\omega\omega D^-\bar{D}^{*-}\Delta^0\bar{\Sigma}^+$	11068	1	18437
11070	$e^+e^- \to \pi^+\omega\bar{K}^0D^-D^-D^{*+}$	11069	1	18438
11071	$e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^+a_1^+$	11070	1	18439
11072	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-D^{*0}D^{*0}$	1883	1	18440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11073	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega K^0 D^0 \bar{D}^0$	1884	1	18441
11074	$e^+e^- \to \rho^0\pi^-\omega K^0\bar{K}^0 D^+\bar{D}^{*-}D_{s1}'^+$	11073	1	18442
11075	$e^+e^- \to e^-\bar{\nu}_e\pi^+ D^{*+}\bar{D}^{*-}\bar{n}\Delta^0$	1885	1	18443
11076	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^*\eta_c D_0^{*+}$	1886	1	18444
11077	$e^+e^- \to \pi^+\eta K^{*-}D^-D_s^+$	11076	1	18445
11078	$e^+e^- \to \rho^0\pi^-\rho^-\eta K^+D^+D^-D^{*+}$	11077	1	18446
11079	$e^+e^- \to K^0K^-D^+\bar{D}^{*-}D_s^{*+}$	11078	1	18447
11080	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0D^-D^{*+}\bar{D}^{*0}$	11079	1	18448
11081	$e^+e^- \to \pi^+\pi^+\rho^-D^-D_s^{*-}D_1'^+$	11080	1	18449
11082	$e^+e^- \to \pi^0K^0K^-D^{*+}D_s^{*-}D_1'^+$	11081	1	18450
11083	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	11082	1	18451
11084	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^{*+}D^+D^-D^{*0}$	11083	1	18452
11085	$e^+e^- \to \pi^+\pi^+\eta\bar{K}^0D^-\bar{D}^{*-}D^0$	11084	1	18453
11086	$e^+e^- \to \rho^0\omega\bar{K}^0K^+D^+D^-n\bar{\Lambda}_c^-$	11085	1	18454
11087	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	11086	1	18455
11088	$e^+e^- \to K^{*-}D_s^{*+}\bar{p}\Sigma_c^{++}D_1^-$	11087	1	18456
11089	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^0$	11088	1	18457
11090	$e^+e^- \to \pi^0\eta D^{*+}\bar{D}^{*-}D_s^{*+}D_s^{*-}$	11089	1	18458
11091	$e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}a_1^+$	11090	1	18459
11092	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0K^-K^{*+}D^{*0}\chi_{c1}$	11091	1	18460
11093	$e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}D_{s1}'^+$	11092	1	18461
11094	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+\rho^-\rho^-D^+D^{*+}$	11093	1	18462
11095	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-}$	11094	1	18463
11096	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*-}D_1'^+$	11095	1	18464
11097	$e^+e^- \to e^-\bar{\nu}_e\rho^0\eta\omega\omega D^{*+}\bar{D}^0$	11096	1	18465
11098	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+D^+\bar{D}^{*-}$	11097	1	18466
11099	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+D_1^+$	1887	1	18467
11100	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0\bar{D}^{*-}D_s^{*+}D_s^{*-}$	11099	1	18468
11101	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^+\bar{D}^{*-}$	1888	1	18469
11102	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}D_1'^-\gamma$	11101	1	18470
11103	$e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	440	1	18471
11104	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	11103	1	18472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11105	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^+ D_s^+ n\bar{p} D_1^-$	11104	1	18473
11106	$e^+e^- \to \pi^0\rho^0 K^0 D^0 \bar{D}^0 D^{*0}\Delta^0\bar{\Delta}^0$	11105	1	18474
11107	$e^+e^- \to K^+ D^- D^{*0} D_s^{*-} D_1'^+$	11106	1	18475
11108	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta K^0 K^+ K^+ K^- K^- D^{*+}$	11107	1	18476
11109	$e^+e^- \to \pi^+\rho^-\eta\eta\omega K^0\bar{K}^0 K^- D^+ D^{*+}\bar{D}^{*-}$	11108	1	18477
11110	$e^+e^- \to \pi^0\eta\bar{K}^0 K^+ K^+\phi\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^-$	11109	1	18478
11111	$e^+e^- \to \pi^-\eta\eta D^{*+} J/\psi$	1890	1	18479
11112	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\eta K^0 K^- K^{*+} D^+ D^+$	441	1	18480
11113	$e^+e^- \to \pi^+\rho^+\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	11112	1	18481
11114	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^- D^+\bar{D}^0$	11113	1	18482
11115	$e^+e^- \to e^+\nu_e\pi^0 D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	11114	1	18483
11116	$e^+e^- \to \pi^0 K_L\pi^+\pi^-\pi^- D^{*+}\psi'$	11115	1	18484
11117	$e^+e^- \to \pi^+\pi^-\pi^- D^+ D^- D_s^{*+}\bar{p}\Delta^+$	11116	1	18485
11118	$e^+e^- \to \pi^+\pi^+\rho^-\eta\omega\bar{K}^0\eta' D^-\Lambda_c^+\bar{\Lambda}_c^-$	11117	1	18486
11119	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^+ D^- D_s^{*-}$	11118	1	18487
11120	$e^+e^- \to \mu^+\nu_\mu\pi^+ D^0 D_s^- D_1'^-$	11119	1	18488
11121	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* D^{*+}\bar{\Delta}^0\Sigma_c^0$	11120	1	18489
11122	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0 D^{*+}$	11121	1	18490
11123	$e^+e^- \to \pi^+\pi^- K^0 K^* D^- D^{*+}\chi_{c2}$	11122	1	18491
11124	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\omega\omega n\bar{p}$	11123	1	18492
11125	$e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^0 D^{*0}\Delta^+\bar{\Sigma}^-$	11124	1	18493
11126	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega D^- D^{*+}$	11125	1	18494
11127	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{D}^0 D_s^+ D_1^+$	11126	1	18495
11128	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta K^0 K^- D^{*+} D_1'^-$	11127	1	18496
11129	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta D^- D^{*+}$	11128	1	18497
11130	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0} D_s^+$	11129	1	18498
11131	$e^+e^- \to \rho^0\pi^+\omega K^*\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0}$	11130	1	18499
11132	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta' D^- D^{*+}$	11131	1	18500
11133	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ D^- D^{*+} D_{s1}'^-$	11132	1	18501
11134	$e^+e^- \to D^{*+}\bar{D}^{*-} D_s^+ D_s^-$	442	1	18502
11135	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^* K^{*-} D^+\bar{D}^{*-}$	11134	1	18503
11136	$e^+e^- \to \pi^+\rho^+\rho^-\eta K^* K^- D^{*+}\bar{D}^{*-}$	11135	1	18504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11137	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+}$	11136	1	18505
11138	$e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^0 D^+ D^- D_s^{*+}$	11137	1	18506
11139	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^* K^- \bar{D}^0 D^{*0}\eta_c$	11138	1	18507
11140	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta K^{*+}\bar{D}^{*-}D^{*0}$	11139	1	18508
11141	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0 K^+ D^+ D^- a_1^-$	11140	1	18509
11142	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega\omega K^0 D^{*+}\bar{D}^{*0}$	11141	1	18510
11143	$e^+e^- \to \pi^+\eta K^0\bar{D}^{*-}D^0 D_s^- D_{s1}'^+$	11142	1	18511
11144	$e^+e^- \to \pi^0\pi^+\pi^+\rho^- K^0 K^-\eta' D^- D^{*+}$	11143	1	18512
11145	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+ D^- D^{*+} D^{*+}$	11144	1	18513
11146	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^- D^- D^-\Sigma^-\bar{\Sigma}^0$	11145	1	18514
11147	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^- D^+ D^-$	11146	1	18515
11148	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0 K^+ D^{*+} D_1^-$	11147	1	18516
11149	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^- K^+ D^{*+}\bar{D}^{*-}D^0$	11148	1	18517
11150	$e^+e^- \to \pi^0\rho^-\eta K^0\bar{K}^* K^{*+} D^+ D^- D^0$	11149	1	18518
11151	$e^+e^- \to \pi^0\bar{K}^0 K^+ K^- D^- D^{*+}\bar{D}^0$	11150	1	18519
11152	$e^+e^- \to \rho^0 K^0 K^0 K^- D^+ D^{*+}\bar{D}^{*-}$	11151	1	18520
11153	$e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^0 K^- D^+\bar{D}^{*-}$	11152	1	18521
11154	$e^+e^- \to \pi^+\rho^+ D^- D^0 D_s^-\gamma$	443	1	18522
11155	$e^+e^- \to \pi^0\rho^0\pi^+ K^* K^-\phi D^{*+}\bar{D}^{*-}$	11154	1	18523
11156	$e^+e^- \to \mu^+\nu_\mu\eta K^* D^+ D^- D^-$	11155	1	18524
11157	$e^+e^- \to \pi^+\pi^-\rho^- K^+ K^- D^{*+}\bar{D}^{*0}\eta_c$	11156	1	18525
11158	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 K^{*-} D^{*+}\bar{D}^{*-}\psi(3770)$	11157	1	18526
11159	$e^+e^- \to \pi^0\rho^+\rho^- K^* D^+\bar{D}^{*-}$	11158	1	18527
11160	$e^+e^- \to \pi^+ K^+ K^+ K^- D^- D^-\bar{\Sigma}^+\Xi^-$	11159	1	18528
11161	$e^+e^- \to \pi^0\rho^0\pi^+\eta\omega\bar{K}^0 D^- D^{*+}\bar{D}^{*-}$	11160	1	18529
11162	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta K^+ K^-\phi D^{*+}\bar{D}^{*-}$	11161	1	18530
11163	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_1'^-$	11162	1	18531
11164	$e^+e^- \to \pi^0\rho^0 K^0 D_2^{*+} D_s^-\eta_c$	11163	1	18532
11165	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\omega K^+ K^- D^-\bar{D}^{*-}$	11164	1	18533
11166	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- K^0\bar{K}^0 K^+ D^+\bar{D}^{*0}$	11165	1	18534
11167	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^0\bar{D}^{*-}D^0 D^{*0}$	11166	1	18535
11168	$e^+e^- \to \rho^+\omega D^- D_s^{*+}\bar{\Delta}^0\Sigma^-$	11167	1	18536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11169	$e^+e^- \to K_S\bar{K}^0 J/\psi J/\psi$	11168	1	18537
11170	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^{*+}$	11169	1	18538
11171	$e^+e^- \to \tau^+\nu_\tau\rho^0\bar{K}^*D^-J/\psi$	11170	1	18539
11172	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0K^0\bar{K}^0D^{*+}D_s^{*-}$	11171	1	18540
11173	$e^+e^- \to \pi^+\eta\omega D^-D^{*0}\Delta^+\bar{\Delta}^+$	11172	1	18541
11174	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	11173	1	18542
11175	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0}$	11174	1	18543
11176	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^-\Delta^+\bar{\Sigma}_c^{*-}$	11175	1	18544
11177	$e^+e^- \to e^-\bar{\nu}_eD_2^{*-}D_s^+D_1^+$	11176	1	18545
11178	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}D^0\chi_{c0}$	11177	1	18546
11179	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^+D^{*+}$	11178	1	18547
11180	$e^+e^- \to K_L\eta K^-D^+\bar{D}^0J/\psi$	11179	1	18548
11181	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-K^0D^+D^+\bar{D}^{*0}$	11180	1	18549
11182	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta D^+\bar{D}^{*-}\bar{n}\Delta^0$	11181	1	18550
11183	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta K^0\bar{K}^0D^-D^-$	11182	1	18551
11184	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^*D^-D^{*+}D^{*+}$	11183	1	18552
11185	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}D_2^{*+}D_s^-$	11184	1	18553
11186	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-D_1'^-$	11185	1	18554
11187	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}$	11186	1	18555
11188	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}p$	11187	1	18556
11189	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta K^+D^-\bar{D}^{*-}D^0\bar{n}p$	11188	1	18557
11190	$e^+e^- \to \rho^+\eta\omega K^*K^-D^+D^-p\bar{p}$	11189	1	18558
11191	$e^+e^- \to \pi^0\pi^0\pi^0\omega K^0K^-D^+D^-D_s^{*+}$	11190	1	18559
11192	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*0}$	11191	1	18560
11193	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^0\bar{D}^0n\bar{n}\Delta^0\bar{\Delta}^0$	11192	1	18561
11194	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^{*0}$	11193	1	18562
11195	$e^+e^- \to \pi^0K^*D^+D_s^-\eta_c$	11194	1	18563
11196	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*0}p\bar{\Xi}_c^0$	11195	1	18564
11197	$e^+e^- \to \eta\bar{K}^*K^+K^-D^+\bar{D}^{*-}\bar{D}^0$	11196	1	18565
11198	$e^+e^- \to e^+\nu_e\rho^+K^*\bar{K}^*\bar{D}^{*-}D_1^-$	11197	1	18566
11199	$e^+e^- \to e^+\nu_eD^+\Delta^-\bar{n}D_1^-$	11198	1	18567
11200	$e^+e^- \to K^-D^+D^-\bar{D}^{*0}D_s^+$	11199	1	18568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11201	$e^+e^- \to e^+\nu_e\pi^0\eta K^0K^-D^{*+}D_0^{*-}$	11200	1	18569
11202	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	11201	1	18570
11203	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta K^{*+}D^+D^{*+}\bar{D}^{*-}$	11202	1	18571
11204	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*0}\gamma$	11203	1	18572
11205	$e^+e^- \to \tau^-\bar{\nu}_\tau\omega\bar{K}^*K^{*+}D^+D^-$	11204	1	18573
11206	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-D^+D^{*+}$	11205	1	18574
11207	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^{*+}D_0^{*-}$	11206	1	18575
11208	$e^+e^- \to \pi^0\pi^0\bar{K}^*K^+D^-\bar{D}^{*-}D_s^+$	11207	1	18576
11209	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D_2^{*+}\bar{D}^{*0}$	11208	1	18577
11210	$e^+e^- \to \rho^0\pi^-D^{*+}D_s^+D_1'^-$	11209	1	18578
11211	$e^+e^- \to \mu^+\nu_\mu\pi^-K^*K^-D^+\bar{D}^0$	11210	1	18579
11212	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^+K^{*-}D_0^{*-}$	11211	1	18580
11213	$e^+e^- \to \pi^0\rho^0\bar{K}^0D^-D^{*+}\bar{D}^{*0}$	444	1	18581
11214	$e^+e^- \to \pi^-\omega K^{*+}K^{*-}D^-D^{*+}\bar{\Sigma}^0\Sigma^+$	11213	1	18582
11215	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^{*+}\eta_c$	11214	1	18583
11216	$e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}D_2^{*-}$	11215	1	18584
11217	$e^+e^- \to K^+\bar{D}^{*-}D^{*0}D^{*0}p\bar{\Delta}^+$	11216	1	18585
11218	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^-D^{*+}\bar{D}^0D_1'^+$	1895	1	18586
11219	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0K^*K^+K^{*-}D_s^-D_s^{*+}D_s^{*-}$	11218	1	18587
11220	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\rho^-\eta K^0K^{*-}D^-\bar{D}^{*-}$	11219	1	18588
11221	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^0K^+D^-D^{*+}$	1896	1	18589
11222	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*D^{*+}D_s^{*+}D_s^{*-}$	11221	1	18590
11223	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	11222	1	18591
11224	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\bar{K}^0D^+D^{*+}\bar{D}^0$	11223	1	18592
11225	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^0D^+D^0\bar{D}^0\bar{D}^{*0}$	11224	1	18593
11226	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*0}\bar{D}^{*0}D_0^{*+}$	11225	1	18594
11227	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-D^{*+}D_s^{*-}$	11226	1	18595
11228	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{K}^*K^{*+}D^-\bar{D}^{*-}$	11227	1	18596
11229	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D_2^{*+}D_s^{*+}$	11228	1	18597
11230	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^+D_s^{*+}D_s^{*-}J/\psi$	11229	1	18598
11231	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	11230	1	18599
11232	$e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^*\bar{K}^*D^+\bar{D}^{*-}$	11231	1	18600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11233	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\omega\omega D^{*+}\bar{D}^0$	11232	1	18601
11234	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\rho^+K^0K^-D^+\bar{D}^{*-}$	11233	1	18602
11235	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^-D^+\bar{D}^{*-}$	11234	1	18603
11236	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-}$	11235	1	18604
11237	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta K^*K^-D^{*+}\bar{D}^{*-}$	11236	1	18605
11238	$e^+e^- \to \rho^-K^+K^-D^+D^-a_1^+$	11237	1	18606
11239	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta' D^-D^{*+}\gamma$	11238	1	18607
11240	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^0$	11239	1	18608
11241	$e^+e^- \to \rho^0\pi^-\eta\eta\eta' D^-D^{*+}D_s^+$	1897	1	18609
11242	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}\Xi_c^+\bar{\Xi}_c^-$	11241	1	18610
11243	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+D^{*+}J/\psi$	11242	1	18611
11244	$e^+e^- \to \mu^+\nu_\mu\omega D^+n\bar{\Delta}^+D_1'^-$	11243	1	18612
11245	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+\eta D^-D^{*+}$	1898	1	18613
11246	$e^+e^- \to \omega K^{*-}D^{*+}D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^{++}$	11245	1	18614
11247	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^-D^{*+}\bar{D}^{*-}$	1899	1	18615
11248	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\eta K^+K^{*-}D^{*+}\bar{D}^{*0}$	11247	1	18616
11249	$e^+e^- \to \pi^0K^0K^0K^{*-}D^+D^{*+}\bar{D}^{*-}$	11248	1	18617
11250	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^*D^-D^{*+}D^{*0}$	11249	1	18618
11251	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}\bar{D}^{*-}$	11250	1	18619
11252	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta K^0\bar{K}^*K^{*-}D^{*+}D^0\bar{D}^0$	11251	1	18620
11253	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega D^+\bar{D}^{*-}$	11252	1	18621
11254	$e^+e^- \to \pi^0\pi^0\pi^0K^0K^{*-}D^+\bar{D}^{*-}D_{s1}'^+$	11253	1	18622
11255	$e^+e^- \to \pi^-\bar{K}^0K^{*+}\phi D^{*+}\bar{D}^{*-}$	11254	1	18623
11256	$e^+e^- \to \tau^+\nu_\tau\pi^+\omega K^0D^-D^-$	11255	1	18624
11257	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^+$	1900	1	18625
11258	$e^+e^- \to \rho^+\omega D^+D^-n\bar{p}$	11257	1	18626
11259	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^0$	11258	1	18627
11260	$e^+e^- \to \pi^+K^0\bar{K}^*K^-\bar{D}^{*0}\bar{n}\Delta^0$	11259	1	18628
11261	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}D^{*+}$	11260	1	18629
11262	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+K^-D^{*+}D^0\bar{D}^{*0}$	11261	1	18630
11263	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^-\bar{n}$	11262	1	18631
11264	$e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}n\bar{n}\bar{\Sigma}^0\Sigma_c^{*0}$	11263	1	18632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11265	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\omega\bar{K}^*K^+D^+D^-$	11264	1	18633
11266	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}a_1^+$	445	1	18634
11267	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\bar{D}^0D^{*0}D_s^{*+}$	11266	1	18635
11268	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*D^+D^-$	11267	1	18636
11269	$e^+e^- \to e^+\nu_e\pi^0D^+D^-D^-$	1902	1	18637
11270	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}\bar{n}p$	11269	1	18638
11271	$e^+e^- \to \pi^0D^-D_2^{*+}D_s^+D_s^-$	11270	1	18639
11272	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^{*+}D^+J/\psi$	1903	1	18640
11273	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-K^-D^{*0}D_s^+D_1'^-$	11272	1	18641
11274	$e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^+\bar{D}^0n\bar{n}$	1904	1	18642
11275	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0K^*D^-D^{*+}$	11274	1	18643
11276	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\eta\omega D^-$	11275	1	18644
11277	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^+D^+D^-D^{*+}$	11276	1	18645
11278	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-D^+D^-\bar{D}^{*0}$	11277	1	18646
11279	$e^+e^- \to \pi^0\pi^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	11278	1	18647
11280	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0$	11279	1	18648
11281	$e^+e^- \to e^+\nu_e\phi D_2^{*-}\bar{\Lambda}\Omega_c^0$	11280	1	18649
11282	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-K^+K^-D^-D^-$	11281	1	18650
11283	$e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0D_s^{*-}\bar{n}\Lambda$	1905	1	18651
11284	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0D^+\bar{D}^{*0}n\bar{\Lambda}$	1906	1	18652
11285	$e^+e^- \to \pi^0\pi^+\pi^-K^*\bar{K}^*\bar{D}^0\bar{p}\Sigma_c^+$	11284	1	18653
11286	$e^+e^- \to \pi^+\pi^+\pi^-K^0K^{*-}D^+D^{*0}D_s^{*-}$	11285	1	18654
11287	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+\omega D^-D_2^{*+}$	11286	1	18655
11288	$e^+e^- \to e^+\nu_eD^+D^-\Lambda\bar{\Lambda}_c^-$	11287	1	18656
11289	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^{*+}D^{*+}\eta_c$	11288	1	18657
11290	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega K^0K^+K^-K^{*-}D^+\bar{D}^{*-}$	11289	1	18658
11291	$e^+e^- \to \pi^0\rho^+\omega K^0K^*\bar{K}^*D^-D^-D^{*+}$	11290	1	18659
11292	$e^+e^- \to \pi^-\eta\omega\omega\omega D^+D^{*0}$	11291	1	18660
11293	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+D^+D^-$	11292	1	18661
11294	$e^+e^- \to \pi^-\omega D^{*+}\Delta^+\bar{\Lambda}_c^-$	11293	1	18662
11295	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\eta K^0\bar{K}^0D^-D^{*+}$	11294	1	18663
11296	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^-D_2^{*+}$	11295	1	18664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11297	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega\omega K^+K^-D^+\bar{D}^{*0}$	11296	1	18665
11298	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^+D^+D_s^{*-}\Delta^0\bar{\Delta}^0$	11297	1	18666
11299	$e^+e^- \to \pi^+\pi^-\eta'\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+$	11298	1	18667
11300	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	11299	1	18668
11301	$e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^*D^{*+}D^0\bar{D}^0$	11300	1	18669
11302	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\eta K^+K^{*-}D^+D^-$	11301	1	18670
11303	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0\bar{K}^0K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	11302	1	18671
11304	$e^+e^- \to \rho^-K^+K^{*-}D^+\bar{D}^0J/\psi$	11303	1	18672
11305	$e^+e^- \to \pi^+K^*K^-K^{*-}D^+\chi_{c0}$	11304	1	18673
11306	$e^+e^- \to \rho^-K^{*-}D^{*+}\bar{D}^{*0}\bar{D}^{*0}D_s^{*+}$	11305	1	18674
11307	$e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^+D^+\bar{D}^0$	11306	1	18675
11308	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\omega K^0\bar{K}^0D^-D^{*+}$	11307	1	18676
11309	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^0D^{*+}D^{*0}\bar{D}^{*0}$	11308	1	18677
11310	$e^+e^- \to D^+D^{*+}\Delta^-\bar{\Delta}^0\Sigma^-\bar{\Sigma}^0$	11309	1	18678
11311	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*0}\bar{\Delta}^0\Sigma_c^{*+}$	11310	1	18679
11312	$e^+e^- \to e^-\bar{\nu}_eK^{*+}\bar{D}^{*-}D^0D_0^{*+}$	11311	1	18680
11313	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\eta K^0\bar{K}^0D^+D^-p\bar{p}$	446	1	18681
11314	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}\bar{D}^{*-}n\bar{\Delta}^0$	11313	1	18682
11315	$e^+e^- \to \pi^+K^*K^{*-}D^{*+}\bar{D}^{*-}J/\psi$	11314	1	18683
11316	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+D^-D^0D_s^-$	11315	1	18684
11317	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega D^+D^-\Delta^0\bar{\Delta}^+$	11316	1	18685
11318	$e^+e^- \to \pi^-\omega K^0D^{*+}\bar{p}\Xi_c'^+$	11317	1	18686
11319	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-D^-D_s^{*+}$	11318	1	18687
11320	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta'\bar{D}^{*-}D_1^+$	11319	1	18688
11321	$e^+e^- \to D^+D^0D_s^-p\bar{\Delta}^+$	11320	1	18689
11322	$e^+e^- \to K^-K^{*-}D^+D^{*+}\bar{D}^0\bar{D}^{*0}$	11321	1	18690
11323	$e^+e^- \to e^-\bar{\nu}_eK^0K^{*-}D^{*+}D_1^+$	11322	1	18691
11324	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega\omega D^-D^{*0}$	11323	1	18692
11325	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}$	11324	1	18693
11326	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^-\eta D^+D^{*+}$	1908	1	18694
11327	$e^+e^- \to \rho^-\bar{K}^0K^+D^+D^-\bar{D}^0D^{*0}$	11326	1	18695
11328	$e^+e^- \to \rho^-K^0K^+K^-D^+f_0(980)$	11327	1	18696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11329	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^+D^+D^-D^0D_s^-$	1909	1	18697
11330	$e^+e^- \to \pi^+\rho^-\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	447	1	18698
11331	$e^+e^- \to e^+\nu_e\eta D^-D^{*0}\Delta^0\bar{\Delta}^0$	11330	1	18699
11332	$e^+e^- \to \pi^0\rho^0D_2^{*+}D_s^{*-}J/\psi$	11331	1	18700
11333	$e^+e^- \to \bar{K}^0D^{*0}\bar{D}^{*0}K_1^0\psi'$	11332	1	18701
11334	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega\omega D^+D^-$	11333	1	18702
11335	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^-\bar{D}^{*0}$	11334	1	18703
11336	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}p\bar{\Sigma}_c^{*-}$	11335	1	18704
11337	$e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{D}^{*-}D_s^{*+}$	11336	1	18705
11338	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\bar{K}^0\bar{K}^*K^+K^{*+}D^-D^{*+}$	11337	1	18706
11339	$e^+e^- \to \rho^-\rho^-\bar{K}^*\bar{K}^*K^{*+}\bar{n}\Sigma_c^+\gamma$	11338	1	18707
11340	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\eta D^-D^0D_s^{*-}$	448	1	18708
11341	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+K^*K^+K^-D^+\bar{D}^{*-}$	11340	1	18709
11342	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^*K^+K^-D^+\eta_c$	1912	1	18710
11343	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^-K^{*+}D^{*+}\bar{D}^{*-}$	11342	1	18711
11344	$e^+e^- \to \pi^0\rho^+D^+\bar{D}^{*-}D_s^{*+}\Delta^-\bar{\Delta}^+\gamma$	1913	1	18712
11345	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0K^0D^{*+}J/\psi$	11344	1	18713
11346	$e^+e^- \to \pi^+\pi^-\rho^+\eta\omega\omega\bar{D}^{*-}D^0$	11345	1	18714
11347	$e^+e^- \to \pi^0\pi^0\pi^+D^-D^{*+}\bar{D}^{*-}$	11346	1	18715
11348	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-D^-D_s^+$	11347	1	18716
11349	$e^+e^- \to \mu^-\bar{\nu}_\mu J/\psi K_1^0D_1^+$	11348	1	18717
11350	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\eta'D^-D^{*+}$	11349	1	18718
11351	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^0$	1914	1	18719
11352	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^+K^{*-}\bar{D}^{*-}D^{*0}D_s^{*+}$	11351	1	18720
11353	$e^+e^- \to \pi^0\rho^-K^0\eta'D^+D^{*+}\bar{D}^{*-}$	11352	1	18721
11354	$e^+e^- \to \pi^+\rho^+\rho^+\rho^-\rho^-p\bar{p}\Delta^+\bar{\Sigma}_c^{*--}$	11353	1	18722
11355	$e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^*D^-D^0\bar{D}^{*0}$	1915	1	18723
11356	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	11355	1	18724
11357	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\bar{K}^*K^+K^+K^-K^-D^-D^{*+}$	11356	1	18725
11358	$e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^*D^+\Lambda\bar{\Sigma}_c^0$	11357	1	18726
11359	$e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0K^+D^+\bar{D}^0D_{s0}^{*-}$	1916	1	18727
11360	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^*D^+\bar{D}^{*-}\bar{D}^0$	11359	1	18728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11361	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-$	11360	1	18729
11362	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0$	11361	1	18730
11363	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^*D^+J/\psi$	11362	1	18731
11364	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-D^-D_1^+$	11363	1	18732
11365	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}\bar{p}\Sigma^0$	11364	1	18733
11366	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^{*+}K^{*-}D^-D^{*+}p\bar{\Delta}^+$	1917	1	18734
11367	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega D^+D^{*+}n\bar{\Delta}^+$	11366	1	18735
11368	$e^+e^- \to \pi^+K^{*+}D^-\bar{D}^{*-}D^{*0}n\bar{n}$	11367	1	18736
11369	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0}\Delta^0\bar{\Delta}^0$	11368	1	18737
11370	$e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*0}\bar{p}\Delta^+$	11369	1	18738
11371	$e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^0\eta'D^+D^0\bar{D}^0$	11370	1	18739
11372	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-}$	11371	1	18740
11373	$e^+e^- \to \rho^+\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	11372	1	18741
11374	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta'D^+D^-$	11373	1	18742
11375	$e^+e^- \to \pi^0\pi^0\rho^-D^+D^+D_s^{*-}$	11374	1	18743
11376	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^+D^-$	1918	1	18744
11377	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^+D^{*+}D^0\bar{D}^{*0}$	11376	1	18745
11378	$e^+e^- \to \pi^+\rho^+D^0D_s^{*-}\Delta^0\bar{\Sigma}_c^-\gamma$	11377	1	18746
11379	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D^-\bar{n}p$	11378	1	18747
11380	$e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	1919	1	18748
11381	$e^+e^- \to \tau^+\nu_\tau\pi^0D^+n\bar{p}D_1'^-$	11380	1	18749
11382	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\pi^-\rho^+\rho^+D^+D^-$	11381	1	18750
11383	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\omega D^+\bar{D}^{*-}$	11382	1	18751
11384	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*\eta_cD_1^-$	1920	1	18752
11385	$e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}\Sigma^0\Sigma^0\bar{\Sigma}^0\bar{\Sigma}^-$	11384	1	18753
11386	$e^+e^- \to e^-\bar{\nu}_eK^0K^0\bar{K}^*D^+J/\psi$	11385	1	18754
11387	$e^+e^- \to \tau^+\nu_\tau\rho^-\omega K^+K^-D^+D^-$	11386	1	18755
11388	$e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-}$	11387	1	18756
11389	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^0$	11388	1	18757
11390	$e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^-D_{s1}'^+\gamma$	11389	1	18758
11391	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega\bar{D}^{*-}D_1'^+$	11390	1	18759
11392	$e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}\bar{D}^{*-}p\bar{p}$	11391	1	18760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11393	$e^+e^- \to \pi^+\omega D^{*+}\bar{D}^{*-}n\bar{n}a_1^-$	11392	1	18761
11394	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^+\omega D^+D_1'^-$	11393	1	18762
11395	$e^+e^- \to \pi^0\rho^0D^{*+}n\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^0$	11394	1	18763
11396	$e^+e^- \to \pi^-\pi^-\rho^+\eta\bar{K}^*K^{*+}D^-D^{*+}$	11395	1	18764
11397	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^*\bar{K}^*D^+\bar{D}^{*0}$	11396	1	18765
11398	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^+K^0K^-D^-D^{*+}\bar{\Lambda}\Sigma^{*0}$	1921	1	18766
11399	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^{*+}D^{*+}n\bar{p}$	11398	1	18767
11400	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+D^-D^{*+}n\bar{p}$	11399	1	18768
11401	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D^{*+}n\bar{p}$	11400	1	18769
11402	$e^+e^- \to \pi^+K^+K^+K^-D^{*0}D_s^{*-}\Sigma^{*0}\bar{\Sigma}_c^{*-}$	11401	1	18770
11403	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*0}$	11402	1	18771
11404	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}$	11403	1	18772
11405	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	11404	1	18773
11406	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-}D^{*0}\bar{n}p$	11405	1	18774
11407	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^0D^-\bar{D}^{*-}D_s^+D_s^{*+}$	1922	1	18775
11408	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}D^{*0}$	1923	1	18776
11409	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^*D^+D^0D_s^-$	11408	1	18777
11410	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^{*+}n\bar{p}$	11409	1	18778
11411	$e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	11410	1	18779
11412	$e^+e^- \to \pi^+\pi^+\omega K^0\bar{K}^*K^-\bar{D}^{*-}$	11411	1	18780
11413	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*-}$	11412	1	18781
11414	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^+K^+K^-\bar{D}^{*-}\bar{D}^{*-}$	11413	1	18782
11415	$e^+e^- \to \rho^+K^+K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	11414	1	18783
11416	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^{*+}$	11415	1	18784
11417	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$	11416	1	18785
11418	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega K^0\bar{K}^*D^-D^-$	449	1	18786
11419	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^+D^+\eta_c$	11418	1	18787
11420	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\eta D^{*+}D_1'^-$	11419	1	18788
11421	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	1925	1	18789
11422	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^+D^{*+}$	11421	1	18790
11423	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^-\bar{\Delta}^0\Sigma_c^+$	11422	1	18791
11424	$e^+e^- \to \pi^0\pi^-\rho^+\eta\eta K^*D^{*+}\bar{D}^0D_s^{*-}$	1926	1	18792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11425	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	11424	1	18793
11426	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^0$	11425	1	18794
11427	$e^+e^- \to \rho^0K^0D^{*+}J/\psi D'^-_{s1}\gamma$	11426	1	18795
11428	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^+$	11427	1	18796
11429	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-D^0$	1927	1	18797
11430	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0\bar{K}^0D^-D_s^+$	11429	1	18798
11431	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^0D^+D^+D^-$	11430	1	18799
11432	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\omega D^-D_1^+$	11431	1	18800
11433	$e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0K^*K^{*+}K^{*-}D^-$	11432	1	18801
11434	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^+D^-$	11433	1	18802
11435	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^+D_2^{*+}$	11434	1	18803
11436	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^-$	11435	1	18804
11437	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	11436	1	18805
11438	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_1^+D'^+_{s1}$	450	1	18806
11439	$e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D_s^-$	11438	1	18807
11440	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^0$	11439	1	18808
11441	$e^+e^- \to e^+\nu_eD^-D^-\bar{\Delta}^-\Delta^0$	1929	1	18809
11442	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\eta D^+D^{*+}$	1930	1	18810
11443	$e^+e^- \to \pi^0\pi^-\omega K^0D^+\bar{D}^0\bar{p}\Xi'^+_c$	11442	1	18811
11444	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta\bar{n}\Lambda_c^+D_1^-$	11443	1	18812
11445	$e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}D_2^{*+}D^0D_s^{*-}$	11444	1	18813
11446	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^0\bar{D}^0$	11445	1	18814
11447	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\omega D^{*+}\bar{D}^{*-}$	11446	1	18815
11448	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	11447	1	18816
11449	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+D^-D^{*+}D_s^{*+}$	11448	1	18817
11450	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^0\bar{D}^0\chi_{c1}$	11449	1	18818
11451	$e^+e^- \to \pi^0\pi^+\pi^+K^0K^0D^0D_s^{*-}D_s^{*-}$	11450	1	18819
11452	$e^+e^- \to \pi^+K^-K^{*-}D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0}$	11451	1	18820
11453	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{n}\Sigma_c^0$	11452	1	18821
11454	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+D_2^{*-}$	11453	1	18822
11455	$e^+e^- \to \rho^+D^{*+}n\bar{\Delta}^{++}X_{sd}\gamma$	11454	1	18823
11456	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^+D_2^{*+}D_s^-$	11455	1	18824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11457	$e^+e^- \to \mu^+\nu_\mu K_S \bar{D}^{*-}\psi'$	11456	1	18825
11458	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}\bar{n}p$	11457	1	18826
11459	$e^+e^- \to e^-\bar{\nu}_e K^0\eta_c D_1'^+$	11458	1	18827
11460	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^*K^+K^-D_1^+$	11459	1	18828
11461	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0 J/\psi D_0^{*-}$	11460	1	18829
11462	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	11461	1	18830
11463	$e^+e^- \to \rho^+K^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D_s^+$	11462	1	18831
11464	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*0}\Lambda\bar{\Xi}^{*0}$	11463	1	18832
11465	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^+\bar{D}^{*-}$	11464	1	18833
11466	$e^+e^- \to \pi^-\omega D^+D^+p\bar{p}D_{s1}'^-$	11465	1	18834
11467	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}D_{s0}^{*+}$	11466	1	18835
11468	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^0D^{*+}\bar{D}^0\bar{D}^{*0}$	11467	1	18836
11469	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-D^-D^0\bar{D}^0$	451	1	18837
11470	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\eta\omega\omega\bar{K}^0K^+D^+\bar{D}^{*-}\bar{D}^{*0}$	11469	1	18838
11471	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega D^+\bar{D}^{*-}$	11470	1	18839
11472	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-K^0K^{*-}D^{*+}D^{*+}D_s^{*-}$	11471	1	18840
11473	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}$	1932	1	18841
11474	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^-D^{*+}\bar{D}^{*0}$	11473	1	18842
11475	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^-D^{*+}$	11474	1	18843
11476	$e^+e^- \to e^+e^+\nu_e\nu_e\eta\bar{D}^{*-}\bar{D}^{*-}$	11475	1	18844
11477	$e^+e^- \to \pi^-\rho^+\rho^+\eta D^-D^0\Delta^+\bar{\Delta}^+$	11476	1	18845
11478	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	452	1	18846
11479	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^*D^{*+}J/\psi$	11478	1	18847
11480	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}D^{*+}$	11479	1	18848
11481	$e^+e^- \to \rho^0\rho^+\eta\bar{K}^0D^+D^-D^-\gamma$	11480	1	18849
11482	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta D^-\bar{p}\Sigma_c^{*+}$	11481	1	18850
11483	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^0K^-D^+D^+$	11482	1	18851
11484	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^-D^-D^{*+}\bar{D}^0\bar{n}p$	11483	1	18852
11485	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D_1'^+D_1'^-$	11484	1	18853
11486	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D^0\bar{D}^0$	11485	1	18854
11487	$e^+e^- \to \pi^-\rho^-K^0\bar{K}^0\bar{K}^0K^*D^+D^+\bar{D}^0$	11486	1	18855
11488	$e^+e^- \to \bar{K}^*K^+D^-D^{*+}a_1^-$	11487	1	18856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11489	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	11488	1	18857
11490	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*0}$	11489	1	18858
11491	$e^+e^- \to \pi^-\rho^-\eta\eta\bar{K}^0K^+D^{*+}\bar{D}^{*0}$	117	1	18859
11492	$e^+e^- \to \pi^+\pi^+K^-D^0D_s^-\psi'$	11491	1	18860
11493	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\Delta^+\bar{\Sigma}_c^{--}D_1'^+$	11492	1	18861
11494	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^*\eta_c$	11493	1	18862
11495	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^{*+}\Sigma^-\bar{\Xi}_c^0$	11494	1	18863
11496	$e^+e^- \to \pi^+\pi^-\rho^-K^+\eta'D^{*+}D_s^{*-}$	11495	1	18864
11497	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^{*+}D_1^+$	11496	1	18865
11498	$e^+e^- \to \pi^-D_2^{*+}D_s^-p\bar{\Xi}_c^0$	11497	1	18866
11499	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^0\bar{K}^0D^-D^{*0}$	11498	1	18867
11500	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta D^+D^-$	11499	1	18868
11501	$e^+e^- \to e^+\nu_e\eta K^*K^-D^{*+}\bar{D}^{*-}$	11500	1	18869
11502	$e^+e^- \to D^+\bar{D}^{*-}D_s^+\Delta^0\bar{\Delta}^+$	11501	1	18870
11503	$e^+e^- \to K^0K^*K^-D^{*+}\bar{n}\Xi_c^0$	11502	1	18871
11504	$e^+e^- \to \rho^-D^+D^{*+}D_{s1}'^-$	1935	1	18872
11505	$e^+e^- \to \pi^+K^0\bar{K}^0D^-D_s^{*-}D_1^+$	11504	1	18873
11506	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega D^-D_1'^+$	11505	1	18874
11507	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	11506	1	18875
11508	$e^+e^- \to \pi^+\pi^-K^-D^+D^{*+}\bar{D}^{*0}D_s^-$	11507	1	18876
11509	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\rho^-\eta D^+D^-\bar{n}p$	11508	1	18877
11510	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^0$	11509	1	18878
11511	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^-\bar{\Delta}^0\Sigma_c^{*0}$	11510	1	18879
11512	$e^+e^- \to \rho^0\pi^+\rho^-\eta'D^+D^-$	11511	1	18880
11513	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\eta'D^-D^{*+}$	1936	1	18881
11514	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-D^{*+}p\bar{p}$	11513	1	18882
11515	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^-D^{*+}$	11514	1	18883
11516	$e^+e^- \to \pi^-\rho^+\rho^-K^0\bar{K}^0D^{*+}J/\psi$	11515	1	18884
11517	$e^+e^- \to \pi^0\rho^0\pi^-D^+D_2^{*-}D_s^{*+}$	11516	1	18885
11518	$e^+e^- \to \rho^0\rho^-D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}^-$	11517	1	18886
11519	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^+\bar{D}^{*-}$	11518	1	18887
11520	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	11519	1	18888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11521	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0K^*K^+K^-D^+D^-$	11520	1	18889
11522	$e^+e^- \to \rho^0\pi^+\eta D^+\bar{D}^{*-}D_s^-$	11521	1	18890
11523	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K_S\bar{K}^0K^+D^-J/\psi$	11522	1	18891
11524	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0p\bar{\Sigma}_c^-\chi_{c1}$	11523	1	18892
11525	$e^+e^- \to \omega\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}D^{*0}$	1937	1	18893
11526	$e^+e^- \to \pi^0\pi^-\omega D^+D_2^{*-}D_s^{*+}$	11525	1	18894
11527	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\omega K^+\eta' D^+\bar{D}^{*0}$	454	1	18895
11528	$e^+e^- \to \pi^0\pi^0D^-D_s^{*+}\bar{\Delta}^+\Sigma_c^+$	11527	1	18896
11529	$e^+e^- \to K^0D^{*+}D^0\bar{D}^{*0}D_s^{*-}$	11528	1	18897
11530	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	11529	1	18898
11531	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-D^0$	11530	1	18899
11532	$e^+e^- \to D^+\bar{D}^0\bar{n}\Delta^0a_1^-$	11531	1	18900
11533	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D^{*+}$	11532	1	18901
11534	$e^+e^- \to \pi^+\omega\omega D^-D^0\bar{\Delta}^+\Sigma^+$	11533	1	18902
11535	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D_s^{*+}D_0^{*+}$	11534	1	18903
11536	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-D^{*0}\bar{n}\Delta^0$	11535	1	18904
11537	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-$	11536	1	18905
11538	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}D^{*0}$	11537	1	18906
11539	$e^+e^- \to \pi^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{p}\Xi_c'^+$	11538	1	18907
11540	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-D_s^+\gamma$	1939	1	18908
11541	$e^+e^- \to \rho^-D^+D_2^{*+}D_s^-$	11540	1	18909
11542	$e^+e^- \to \pi^+\pi^-\rho^-K^+\eta' D^{*+}p\bar{\Sigma}_c^{*--}$	11541	1	18910
11543	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^*K^{*-}D^+D^-$	11542	1	18911
11544	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^+K^-D^{*+}\bar{D}^0$	11543	1	18912
11545	$e^+e^- \to \pi^+\rho^+\rho^+K^*K^-\bar{D}^{*-}\bar{D}^{*-}\gamma$	11544	1	18913
11546	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0D^+D^-\bar{D}^{*-}$	11545	1	18914
11547	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\omega D^-D^{*+}n\bar{n}$	11546	1	18915
11548	$e^+e^- \to \pi^0\rho^0\pi^-D^+D^-D_{s0}^{*+}$	11547	1	18916
11549	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	11548	1	18917
11550	$e^+e^- \to e^+\nu_e\pi^0\pi^+\omega D^-\bar{D}^{*-}D^0$	11549	1	18918
11551	$e^+e^- \to \rho^0J/\psi p\bar{\Xi}_c'^-\bar{K}_1'^0$	11550	1	18919
11552	$e^+e^- \to \pi^0\rho^-D^-\bar{\Delta}^+\bar{\Sigma}^0\Sigma^+\Sigma_c^{*++}$	11551	1	18920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11553	$e^+e^- \to \pi^-\omega\omega\bar{K}^0\bar{D}^{*-}D_s^{*+}a_1^+\gamma$	11552	1	18921
11554	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}\bar{D}^0D_s^+$	11553	1	18922
11555	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega\omega D^+D^-$	11554	1	18923
11556	$e^+e^- \to \rho^0\rho^+\rho^+\rho^-D^-D_2^{*+}D_s^{*-}$	11555	1	18924
11557	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0K^+K^-D^+D^-\bar{D}^{*-}$	11556	1	18925
11558	$e^+e^- \to e^+\nu_e\pi^0\pi^0\omega\omega\bar{D}^{*-}D^{*0}$	11557	1	18926
11559	$e^+e^- \to \pi^+\rho^-\eta\eta\bar{D}^{*-}a_0^+$	11558	1	18927
11560	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0K^0\bar{K}^*D^+D_s^{*-}$	11559	1	18928
11561	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*+}$	11560	1	18929
11562	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^+$	11561	1	18930
11563	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+$	11562	1	18931
11564	$e^+e^- \to \rho^+\omega\omega\bar{K}^0K^+K^-D^-\gamma$	455	1	18932
11565	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*0}$	11564	1	18933
11566	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^0p\bar{\Sigma}^-$	11565	1	18934
11567	$e^+e^- \to \pi^+\pi^-\eta' D^{*+}D_0^{*-}$	11566	1	18935
11568	$e^+e^- \to \pi^-\rho^-K^{*+}D^+D^{*+}D_s^-\gamma$	11567	1	18936
11569	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta\eta D^+\bar{D}^{*-}n\bar{n}$	1941	1	18937
11570	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^-D^+\chi_{c1}$	11569	1	18938
11571	$e^+e^- \to \pi^+\rho^-\rho^-D^-D^{*+}D_s^{*+}\gamma$	11570	1	18939
11572	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega K^{*+}D^-\bar{n}\Lambda$	11571	1	18940
11573	$e^+e^- \to \pi^-\bar{D}^0D^{*0}D_s^+\bar{\Lambda}\Xi^0$	11572	1	18941
11574	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0p$	11573	1	18942
11575	$e^+e^- \to \pi^+\pi^-K^0K^{*+}K^{*-}\phi D^-D^{*+}$	11574	1	18943
11576	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0D^-D_s^+D_s^+$	11575	1	18944
11577	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^+D^{*+}$	11576	1	18945
11578	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^+\bar{D}^0\Delta^0\bar{\Delta}^0p\bar{p}$	11577	1	18946
11579	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0K^-D^+D^{*+}$	1942	1	18947
11580	$e^+e^- \to e^-\bar{\nu}_eJ/\psi K_1^{\prime 0}D_1^{\prime +}$	11579	1	18948
11581	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^{*+}$	11580	1	18949
11582	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}D_s^+$	11581	1	18950
11583	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+D^-$	11582	1	18951
11584	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+D^+\bar{D}^{*-}\bar{n}p$	11583	1	18952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11585	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^*K^-D^+\bar{D}^0$	11584	1	18953
11586	$e^+e^- \to \rho^0\pi^-K^0K^-D^+\bar{n}\Sigma_c^+$	11585	1	18954
11587	$e^+e^- \to \rho^0K^0\bar{K}^0\bar{K}^0K^{*+}D^-D_2^{*+}D_s^{*-}$	11586	1	18955
11588	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{D}^{*-}D_1'^+$	11587	1	18956
11589	$e^+e^- \to \rho^+\rho^-\rho^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	11588	1	18957
11590	$e^+e^- \to \pi^0\pi^0D^-\bar{D}^{*-}D_s^{*+}D_{s1}'^+$	11589	1	18958
11591	$e^+e^- \to e^-\bar{\nu}_e\omega K^+D^-D_2^{*+}D^0$	11590	1	18959
11592	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	11591	1	18960
11593	$e^+e^- \to \pi^0\pi^0\rho^0D^{*+}D^{*+}\bar{D}^{*-}D_s^-$	11592	1	18961
11594	$e^+e^- \to \pi^-\rho^+\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Sigma_c^{++}$	11593	1	18962
11595	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-K^+K^-D^+\bar{D}^{*-}$	11594	1	18963
11596	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^{*0}D_s^{*+}D_1^-$	11595	1	18964
11597	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+\eta_c$	11596	1	18965
11598	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	11597	1	18966
11599	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0D^{*+}D^0\bar{D}^{*0}$	11598	1	18967
11600	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}\bar{D}^0D_s^+$	11599	1	18968
11601	$e^+e^- \to \rho^+\bar{D}^{*-}D_2^{*-}D_{s0}^{*+}\gamma$	11600	1	18969
11602	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-K^{*+}D^0D_1'^+$	11601	1	18970
11603	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0\bar{K}^*\bar{K}^*\bar{D}^{*0}$	11602	1	18971
11604	$e^+e^- \to \rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-}$	11603	1	18972
11605	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0\bar{K}^0\phi D^+\bar{D}^{*-}$	11604	1	18973
11606	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega\omega\omega D^-\bar{D}^{*-}$	11605	1	18974
11607	$e^+e^- \to \pi^+\pi^+\omega K^*K^{*-}D^-D^{*+}D_{s1}'^-$	11606	1	18975
11608	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0\bar{K}^*D^-D^{*+}$	11607	1	18976
11609	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_{s1}'^+$	11608	1	18977
11610	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^+J/\psi\Sigma^-\bar{\Sigma}^0$	11609	1	18978
11611	$e^+e^- \to e^+\nu_e\rho^-\omega D^{*+}D_1^-$	11610	1	18979
11612	$e^+e^- \to \pi^0\pi^+K^0D^0\bar{D}^0D^{*0}D_s^-$	11611	1	18980
11613	$e^+e^- \to \rho^0\rho^+\eta K^0K^-D^+\bar{D}^{*-}$	11612	1	18981
11614	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+D^+n\bar{\Lambda}_c^-$	11613	1	18982
11615	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega\omega\bar{K}^0K^{*+}D^+D^-$	11614	1	18983
11616	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\rho^-D^{*+}D_1^+$	1943	1	18984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11617	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*-}$	11616	1	18985
11618	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	1944	1	18986
11619	$e^+e^- \to \pi^+D_2^{*-}D_s^+\Delta^0\bar{\Sigma}_c^-$	11618	1	18987
11620	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^{*+}D^{*0}D_s^-$	11619	1	18988
11621	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{K}^0K^-D^{*+}\bar{D}^{*0}D_s^+$	11620	1	18989
11622	$e^+e^- \to \rho^-K^{*+}\bar{D}^{*-}J/\psi a_1^+$	11621	1	18990
11623	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	11622	1	18991
11624	$e^+e^- \to \rho^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	11623	1	18992
11625	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega\omega\bar{K}^0K^{*+}D^+\bar{D}^0$	1945	1	18993
11626	$e^+e^- \to \mu^+\nu_\mu\rho^0K^0K^{*-}D^+D^-$	11625	1	18994
11627	$e^+e^- \to \pi^+\rho^-\rho^-\eta\eta\omega\omega\omega D^+$	11626	1	18995
11628	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}p\bar{p}$	11627	1	18996
11629	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	1946	1	18997
11630	$e^+e^- \to e^-\bar{\nu}_eK^0D^+\Delta^0\bar{\Sigma}_c^0$	1947	1	18998
11631	$e^+e^- \to \mu^+\nu_\mu X_u^-\eta\bar{K}^0J/\psi$	11630	1	18999
11632	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^{*+}D_2^{*-}$	11631	1	19000
11633	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^+\Sigma_c^{*0}$	11632	1	19001
11634	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-\bar{D}^0$	118	1	19002
11635	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^0K^*\bar{K}^*D^0\bar{D}^{*0}$	11634	1	19003
11636	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta K^0K^0K^{*-}D^+$	11635	1	19004
11637	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-K^{*+}D^{*0}\bar{D}^{*0}D_0^{*-}$	1949	1	19005
11638	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+K^-p\bar{p}D_1'^-$	11637	1	19006
11639	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{D}^{*-}$	11638	1	19007
11640	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^0D^+D^-D^{*+}$	1950	1	19008
11641	$e^+e^- \to \pi^-\eta\eta\omega K^0D^+D^{*+}\bar{D}^{*-}$	11640	1	19009
11642	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+D^-$	11641	1	19010
11643	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+K^+K^{*-}D^+\bar{D}^0\bar{D}^0$	11642	1	19011
11644	$e^+e^- \to \pi^+D_s^-\bar{p}\Sigma_c^{*0}D_1^+$	11643	1	19012
11645	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^{*0}D_1^+$	11644	1	19013
11646	$e^+e^- \to \omega K^0D^-D^-D^{*+}\bar{n}p$	11645	1	19014
11647	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\bar{D}^{*-}a_1^+\gamma$	11646	1	19015
11648	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^-D^{*+}D^{*+}$	11647	1	19016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11649	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega K^0K^+K^-D^+$	11648	1	19017
11650	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^0K^-D^+D^-D^{*+}$	11649	1	19018
11651	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+D_0^{*-}$	11650	1	19019
11652	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^+D^{*+}$	11651	1	19020
11653	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega K^{*-}D^+\bar{D}^{*-}$	11652	1	19021
11654	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^*D^+\bar{D}^{*-}D_s^-$	11653	1	19022
11655	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0D^+D^-\bar{D}^{*0}$	11654	1	19023
11656	$e^+e^- \to \pi^0\pi^+\rho^-K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	11655	1	19024
11657	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+D^{*+}\chi_{c1}$	11656	1	19025
11658	$e^+e^- \to \rho^+\omega\bar{K}^0K^*D^+D^-D_s^{*-}$	11657	1	19026
11659	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^*\bar{K}^*D^+D^{*0}D_s^-$	11658	1	19027
11660	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^+\bar{D}^{*0}$	11659	1	19028
11661	$e^+e^- \to \rho^-K^-D^{*+}D^{*+}\bar{D}^{*0}\Sigma^0\bar{\Sigma}^0$	11660	1	19029
11662	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^{*+}D^-D^{*+}$	11661	1	19030
11663	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta D^+D_s^{*-}D_1^+$	11662	1	19031
11664	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}D^{*+}D_s^{*-}$	11663	1	19032
11665	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-}$	11664	1	19033
11666	$e^+e^- \to e^-\bar{\nu}_e\eta K^*K^-D^+D^{*+}$	11665	1	19034
11667	$e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	11666	1	19035
11668	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^-D_1^+$	11667	1	19036
11669	$e^+e^- \to K^0K^0\bar{K}^*K^-\phi D^+D^-D_{s0}^{*+}$	11668	1	19037
11670	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0K^-K^{*+}K^{*+}K^{*-}D^+D^-$	11669	1	19038
11671	$e^+e^- \to \pi^0\pi^0\pi^-D^{*+}\bar{D}^0D_s^+n\bar{p}$	11670	1	19039
11672	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-K^0K^+K^-D^{*+}$	11671	1	19040
11673	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	11672	1	19041
11674	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega\bar{K}^0K^+D^+D^-$	11673	1	19042
11675	$e^+e^- \to \mu^+\nu_\mu K^+\bar{\Delta}^+\Xi_c^0D_0^{*-}$	11674	1	19043
11676	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	11675	1	19044
11677	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\bar{K}^0\eta'D^-D^{*+}$	1951	1	19045
11678	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta\omega D^-\bar{D}^{*0}$	11677	1	19046
11679	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^{*+}D^{*0}D_{s1}'^-$	11678	1	19047
11680	$e^+e^- \to \pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	11679	1	19048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11681	$e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}D_s^-D_1^+\gamma$	11680	1	19049
11682	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-$	11681	1	19050
11683	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+K^-D^{*+}D^{*+}$	1952	1	19051
11684	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{K}^*K^+D^-D_s^+$	11683	1	19052
11685	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^+\bar{D}^{*-}$	11684	1	19053
11686	$e^+e^- \to \pi^0\pi^0\pi^0\eta D^0p\bar{\Sigma}_c^-$	11685	1	19054
11687	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-D^-D^0D_s^-$	11686	1	19055
11688	$e^+e^- \to K_L\pi^+\eta\omega D^-J/\psi$	11687	1	19056
11689	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\bar{D}^{*-}D^0$	11688	1	19057
11690	$e^+e^- \to \mu^+\nu_\mu X_u^-\rho^-\eta D^+$	11689	1	19058
11691	$e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0K^+K^-D^+D^-$	11690	1	19059
11692	$e^+e^- \to \pi^+\bar{K}^*D^-D^0J/\psi K_1^0$	1953	1	19060
11693	$e^+e^- \to e^+\nu_e\pi^0D^-D^{*+}n\bar{p}$	11692	1	19061
11694	$e^+e^- \to \rho^+\eta\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	11693	1	19062
11695	$e^+e^- \to \pi^+\rho^+\rho^-\omega D^-\bar{D}^{*-}a_1^+$	11694	1	19063
11696	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\eta K^0K^*\bar{K}^*D^{*+}$	11695	1	19064
11697	$e^+e^- \to \rho^0\pi^+\rho^-\omega D^-D_1'^+$	11696	1	19065
11698	$e^+e^- \to e^+\nu_e\pi^-D^-\bar{\Delta}^+\Sigma_c^{*++}$	11697	1	19066
11699	$e^+e^- \to \rho^-K^+K^-D^{*+}\bar{D}^{*-}D_s^{*+}$	11698	1	19067
11700	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}p\bar{\Delta}^{++}$	11699	1	19068
11701	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	1954	1	19069
11702	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\bar{D}^0D_s^{*+}D_1'^+$	11701	1	19070
11703	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta D^-D^{*+}a_1^+$	1955	1	19071
11704	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-D^-n\bar{\Sigma}_c^-$	11703	1	19072
11705	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*0}$	11704	1	19073
11706	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^{*+}n\bar{\Sigma}_c^0$	11705	1	19074
11707	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^{*-}D^-D^{*+}$	11706	1	19075
11708	$e^+e^- \to \pi^+\eta K^*K^-K^-D^+\bar{D}^{*-}D_s^+$	11707	1	19076
11709	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0\bar{K}^0K^*D^+$	11708	1	19077
11710	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}^-$	11709	1	19078
11711	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^-K^0\bar{D}^{*-}D^0$	11710	1	19079
11712	$e^+e^- \to \pi^0\eta K^0\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^{*-}D_s^-$	11711	1	19080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11713	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\Delta^0\bar{\Lambda}_c^-$	11712	1	19081
11714	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0D^-D^{*+}$	1956	1	19082
11715	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^+K^{*-}\eta' D^+D^-$	11714	1	19083
11716	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^-D^{*+}$	11715	1	19084
11717	$e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+\rho^-\bar{K}^*\bar{D}^{*-}D_s^+$	11716	1	19085
11718	$e^+e^- \to K^{*-}D^{*+}\bar{D}^0J/\psi K_1^0$	11717	1	19086
11719	$e^+e^- \to e^-\bar{\nu}_e D^-D^{*+}D_s^{*+}\gamma$	11718	1	19087
11720	$e^+e^- \to \pi^+K^+K^-K^-D^-D^{*0}D_s^+$	11719	1	19088
11721	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*-}$	11720	1	19089
11722	$e^+e^- \to \rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_{s1}'^-$	11721	1	19090
11723	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-\omega D^+\bar{D}^{*0}$	11722	1	19091
11724	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\eta\bar{D}^{*-}D_s^{*-}D_1^+$	11723	1	19092
11725	$e^+e^- \to \pi^+\pi^+K^{*-}D^-\bar{D}^{*-}D^0D_s^{*+}$	11724	1	19093
11726	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0K^*J/\psi J/\psi$	11725	1	19094
11727	$e^+e^- \to \pi^+\rho^-K^+D^-D^{*+}D^0a_1^-\gamma$	11726	1	19095
11728	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^-\bar{p}\Sigma_c^{++}$	11727	1	19096
11729	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\bar{K}^*\eta'\phi D^-\eta_c$	11728	1	19097
11730	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{n}p$	1957	1	19098
11731	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0\bar{D}^{*-}D^0$	11730	1	19099
11732	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta\eta K^{*+}\bar{D}^0D^{*0}D^{*0}$	11731	1	19100
11733	$e^+e^- \to \bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}n\bar{\Delta}^+$	11732	1	19101
11734	$e^+e^- \to K^+D^-D^{*+}D^{*0}D_s^{*-}$	11733	1	19102
11735	$e^+e^- \to \pi^+\pi^-\eta\eta K^-D^{*+}D^0\bar{D}^{*0}$	11734	1	19103
11736	$e^+e^- \to \pi^0K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^-D_s^{*+}$	11735	1	19104
11737	$e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+}$	11736	1	19105
11738	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0}$	11737	1	19106
11739	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^{*+}$	11738	1	19107
11740	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^+\bar{n}\Sigma_c^+$	11739	1	19108
11741	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^+K^{*-}\eta_c$	11740	1	19109
11742	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	11741	1	19110
11743	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^{*+}D^{*+}D_s^{*-}$	11742	1	19111
11744	$e^+e^- \to \rho^+K^{*-}\eta' D^-D^{*+}\bar{D}^{*0}$	11743	1	19112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11745	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^*\bar{K}^*D^-D_2^{*+}$	11744	1	19113
11746	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\pi^-K^*K^-\eta' D^{*+}$	11745	1	19114
11747	$e^+e^- \to e^+\nu_e\pi^-\omega K^-K^{*+}D^+\bar{D}^{*-}$	11746	1	19115
11748	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+\eta' D^+D^-n\bar{n}$	11747	1	19116
11749	$e^+e^- \to \pi^+\pi^-D^-D^0p\bar{\Delta}^+\bar{\Sigma}^0\Sigma^+$	11748	1	19117
11750	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega K^0\bar{K}^0D^-D^{*+}$	11749	1	19118
11751	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}D^0D_s^{*-}$	11750	1	19119
11752	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\bar{K}^*D^+D^-\bar{D}^{*0}p\bar{p}$	11751	1	19120
11753	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\eta K^{*+}\bar{D}^0D_0^{*+}$	11752	1	19121
11754	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^-D^{*+}a_1^-$	11753	1	19122
11755	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-D^+D^+$	11754	1	19123
11756	$e^+e^- \to \pi^0\rho^-n\bar{n}\bar{\Sigma}_c^0\Sigma_c^+$	11755	1	19124
11757	$e^+e^- \to \pi^0\rho^-\omega\bar{K}^0K^+K^-D^+n\bar{\Xi}_c^{\prime 0}$	1958	1	19125
11758	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega\omega D^-D^{*+}$	11757	1	19126
11759	$e^+e^- \to \rho^+K^0\bar{K}^0\bar{D}^0D_s^-p\bar{\Delta}^+$	11758	1	19127
11760	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D_s^{*+}D_s^{*-}$	11759	1	19128
11761	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^-$	11760	1	19129
11762	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^+$	11761	1	19130
11763	$e^+e^- \to \pi^0\pi^0\pi^0\eta\eta\omega D^+\bar{D}^{*0}D_s^-$	11762	1	19131
11764	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+K^0D^0J/\psi$	11763	1	19132
11765	$e^+e^- \to \pi^0\pi^+\rho^-\eta D^+D^-\gamma$	11764	1	19133
11766	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^+\eta' D^-$	1959	1	19134
11767	$e^+e^- \to \rho^0\pi^-\rho^+K^+K^-D^-\bar{\Delta}^+\Sigma_c^{++}$	11766	1	19135
11768	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^-$	11767	1	19136
11769	$e^+e^- \to \rho^-K^*K^{*-}D^{*+}\bar{D}^{*0}D_s^{*+}$	1960	1	19137
11770	$e^+e^- \to \pi^0\omega\omega D^-\bar{D}^0D_s^+$	11769	1	19138
11771	$e^+e^- \to \bar{K}^0K^*D^+D^+D^-\bar{D}^{*-}$	11770	1	19139
11772	$e^+e^- \to \rho^0\pi^-\rho^-\eta K^+D^+\bar{D}^{*0}$	11771	1	19140
11773	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^+D_s^-$	11772	1	19141
11774	$e^+e^- \to \pi^+\pi^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	11773	1	19142
11775	$e^+e^- \to e^+\nu_e\pi^+\pi^-K_SD^-\eta_c$	11774	1	19143
11776	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\bar{K}^0K^*D^+\bar{D}^0$	11775	1	19144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11777	$e^+e^- \to \rho^+\omega\bar{D}^{*-}D^{*0}\bar{n}\Delta^0$	11776	1	19145
11778	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\rho^-K^-\bar{D}^{*-}D_s^+$	1961	1	19146
11779	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta K^0\bar{K}^0D^-D^{*+}$	11778	1	19147
11780	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-K^+\bar{D}^{*-}D_1^+$	11779	1	19148
11781	$e^+e^- \to \pi^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	11780	1	19149
11782	$e^+e^- \to \mu^+\nu_\mu D^+D_1^-D_{s1}^-$	1962	1	19150
11783	$e^+e^- \to \pi^0\rho^-D_2^{*+}\bar{D}^{*0}$	11782	1	19151
11784	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+}$	11783	1	19152
11785	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^+K^+K^{*-}D^+\bar{D}^{*-}D^{*0}$	11784	1	19153
11786	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-D^+D^-$	11785	1	19154
11787	$e^+e^- \to \pi^0\rho^+K^*D^0D_s^{*-}p\bar{p}$	11786	1	19155
11788	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^-D^{*0}$	11787	1	19156
11789	$e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0K^+K^-\bar{D}^{*0}D_s^+D_s^{*-}$	11788	1	19157
11790	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^+K^{*-}D^-D^{*+}$	1963	1	19158
11791	$e^+e^- \to \pi^-\bar{K}^0K^+D^+D^-D^0\bar{D}^{*0}$	11790	1	19159
11792	$e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0D^-J/\psi$	11791	1	19160
11793	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	11792	1	19161
11794	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	11793	1	19162
11795	$e^+e^- \to \rho^0\bar{K}^*\bar{D}^{*-}D^0D_{s0}^{*+}$	11794	1	19163
11796	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^+D^{*+}$	11795	1	19164
11797	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^0D^-D^{*0}$	11796	1	19165
11798	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\omega\eta'D^-D^{*+}$	11797	1	19166
11799	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^0$	11798	1	19167
11800	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-}D_s^{*+}$	11799	1	19168
11801	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+K^*K^-D^+D^{*+}$	1964	1	19169
11802	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^+K^+K^-D^0D^{*0}\bar{D}^{*0}$	11801	1	19170
11803	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0K^{*-}D^+\bar{D}^0$	11802	1	19171
11804	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega\bar{D}^{*-}D_1^+$	11803	1	19172
11805	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-}$	11804	1	19173
11806	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+D^-D^{*+}$	11805	1	19174
11807	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^{*+}p\bar{\Sigma}_c^-$	1965	1	19175
11808	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	11807	1	19176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11809	$e^+e^- \to e^+\nu_e\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	11808	1	19177
11810	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}a_1^+$	11809	1	19178
11811	$e^+e^- \to \bar{K}^*K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	11810	1	19179
11812	$e^+e^- \to \pi^0\pi^0\pi^+K^0K^-\eta'D^-D^{*+}$	11811	1	19180
11813	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+D^-D^0D_s^{*-}$	11812	1	19181
11814	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\eta'D^{*+}D_2^{*-}$	11813	1	19182
11815	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^+D_s^{*-}\gamma$	11814	1	19183
11816	$e^+e^- \to \rho^0\rho^0\pi^+\omega K^+D^-\bar{D}^{*-}D^0$	11815	1	19184
11817	$e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}p\bar{p}$	11816	1	19185
11818	$e^+e^- \to \pi^0\pi^0\pi^-K^*\bar{K}^*D^+D^+\bar{D}^{*-}$	11817	1	19186
11819	$e^+e^- \to \eta\bar{K}^0K^*\bar{K}^*K^+D_s^{*-}\bar{\Sigma}^0\Xi_c^0$	11818	1	19187
11820	$e^+e^- \to \pi^0\pi^-K^0K^-D^+\bar{D}^{*0}D_s^{*+}$	11819	1	19188
11821	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+\eta'D^-D_1^+$	11820	1	19189
11822	$e^+e^- \to \pi^+\pi^+\rho^-\eta\eta\omega\bar{D}^{*-}D_2^{*+}D_s^-$	11821	1	19190
11823	$e^+e^- \to \pi^0\pi^-\rho^-K^{*+}D^{*+}D^0\bar{D}^{*0}$	11822	1	19191
11824	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^*D^+D^-$	11823	1	19192
11825	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^+D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^+$	1966	1	19193
11826	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta'D^+\bar{D}^{*0}n\bar{n}$	11825	1	19194
11827	$e^+e^- \to \bar{K}^0K^+D^-\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}$	11826	1	19195
11828	$e^+e^- \to \pi^+\pi^-\omega K^+K^{*-}D^{*+}\bar{D}^{*-}$	11827	1	19196
11829	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^*\bar{D}^{*0}\bar{D}^{*0}$	11828	1	19197
11830	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega D^{*0}\bar{p}\Sigma_c^0$	11829	1	19198
11831	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D_2^{*+}\bar{D}^0D^{*0}$	457	1	19199
11832	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^0$	11831	1	19200
11833	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	11832	1	19201
11834	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^+D^-n\bar{n}$	11833	1	19202
11835	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^{*+}D^{*+}$	11834	1	19203
11836	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^{*+}\eta'D^+\bar{D}^{*-}$	11835	1	19204
11837	$e^+e^- \to \rho^0\pi^-\rho^-\eta\omega K^+D^+D^{*+}\bar{D}^{*-}$	31	1	19205
11838	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^{*0}\eta_c$	11837	1	19206
11839	$e^+e^- \to \pi^-\rho^+\omega K^0K^0K^{*-}D^+D^+\bar{D}^{*-}$	11838	1	19207
11840	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^*K^-D^{*+}\bar{D}^0$	11839	1	19208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11841	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^0 D^- D_2^{*+} D_s^-$	11840	1	19209
11842	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{D}^{*-}D^0\bar{D}^{*0}$	11841	1	19210
11843	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^{*+}\bar{D}^{*0}n\bar{n}$	11842	1	19211
11844	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+\rho^+K^+D^-D^{*+}$	1969	1	19212
11845	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega K^+K^-D^+\bar{D}^{*-}$	11844	1	19213
11846	$e^+e^- \to \pi^0\pi^-\rho^+\eta\eta D^+D^-$	11845	1	19214
11847	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\bar{D}^{*-}D^0$	1970	1	19215
11848	$e^+e^- \to \rho^+\rho^+\rho^-\omega D^+D^-D_s^-$	11847	1	19216
11849	$e^+e^- \to \bar{K}^*\phi D^0\eta_c\Delta^+\bar{\Delta}^+$	11848	1	19217
11850	$e^+e^- \to \pi^+D^{*+}D_2^{*-}\bar{\Delta}^+\Sigma^{*0}$	11849	1	19218
11851	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-}$	11850	1	19219
11852	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0D^+D^-\bar{D}^{*-}$	459	1	19220
11853	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-D^-D^{*+}$	11852	1	19221
11854	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-D^-D^{*+}\gamma$	11853	1	19222
11855	$e^+e^- \to \pi^0\eta D^+D^-D_s^{*-}\bar{\Sigma}^+\Sigma^0$	1972	1	19223
11856	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-}$	11855	1	19224
11857	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\rho^+D^+D^-$	11856	1	19225
11858	$e^+e^- \to \pi^0D^{*+}D^{*+}D_s^-D_{s1}'^-$	11857	1	19226
11859	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*0}$	11858	1	19227
11860	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-K^*K^-\bar{D}^0D_0^{*+}$	11859	1	19228
11861	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^+D^0\bar{D}^{*0}$	1973	1	19229
11862	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^*K^+D^+D_s^{*-}$	11861	1	19230
11863	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	11862	1	19231
11864	$e^+e^- \to \rho^-D^+D_s^{*+}p\bar{p}D_1'^-$	11863	1	19232
11865	$e^+e^- \to \rho^+D^+D^-D_{s1}^-$	1974	1	19233
11866	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}p\bar{p}$	11865	1	19234
11867	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^{*+}D^+D^-D_s^{*-}$	11866	1	19235
11868	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^{*0}$	11867	1	19236
11869	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}D_2^{*+}\gamma$	11868	1	19237
11870	$e^+e^- \to \eta K^*K^{*-}D^+p\bar{\Sigma}_c^{*-}$	11869	1	19238
11871	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^*D^+J/\psi$	11870	1	19239
11872	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^{*+}\bar{D}^{*-}p\bar{\Lambda}_c^-$	11871	1	19240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11873	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^0p\bar{p}$	11872	1	19241
11874	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_{s1}^+$	11873	1	19242
11875	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^{*+}$	11874	1	19243
11876	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0\bar{K}^0K^{*+}D^-\bar{D}^0D^{*0}$	11875	1	19244
11877	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+$	11876	1	19245
11878	$e^+e^- \to \rho^+\rho^-\eta\eta K^0\bar{K}^*D^+\bar{D}^{*-}D^0$	11877	1	19246
11879	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^+\bar{D}^{*-}\bar{D}^0$	1975	1	19247
11880	$e^+e^- \to \rho^0\pi^-K^+D^+D^-D_2^{*+}D_s^{*-}$	11879	1	19248
11881	$e^+e^- \to \rho^0\rho^0\pi^-D^{*+}D^{*+}D_s^-$	11880	1	19249
11882	$e^+e^- \to \rho^0\rho^+D^-\bar{D}^{*-}D_s^{*+}\gamma$	11881	1	19250
11883	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^+D_s^{*-}$	1976	1	19251
11884	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+}$	11883	1	19252
11885	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	11884	1	19253
11886	$e^+e^- \to \phi D^{*+}\bar{D}^{*-}D_s^+D_{s1}'^-$	11885	1	19254
11887	$e^+e^- \to \pi^0\pi^+\pi^-K^+D^{*+}D_s^{*-}a_1^-$	11886	1	19255
11888	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	11887	1	19256
11889	$e^+e^- \to \pi^+\pi^-\rho^+\eta\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	11888	1	19257
11890	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	11889	1	19258
11891	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^-D^+\bar{D}^{*-}$	11890	1	19259
11892	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0$	11891	1	19260
11893	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	11892	1	19261
11894	$e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^{*-}\phi D^{*+}D^{*+}\bar{D}^{*0}$	11893	1	19262
11895	$e^+e^- \to \tau^+\nu_\tau K^0K^{*-}D^+\bar{D}^{*-}$	11894	1	19263
11896	$e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^+D^-$	11895	1	19264
11897	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	11896	1	19265
11898	$e^+e^- \to \pi^+\pi^+\pi^-D^+D^-D_s^-$	11897	1	19266
11899	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^-$	1977	1	19267
11900	$e^+e^- \to \pi^0\pi^0\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}n\bar{p}$	11899	1	19268
11901	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D^{*0}$	11900	1	19269
11902	$e^+e^- \to e^-\bar{\nu}_e\eta D^+D^-\bar{\Delta}^-\Delta^0$	11901	1	19270
11903	$e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}D_s^+$	11902	1	19271
11904	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	11903	1	19272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11905	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}$	1978	1	19273
11906	$e^+e^- \to \omega\bar{D}^{*-}D^{*0}\bar{\Delta}^-n$	11905	1	19274
11907	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^0\bar{K}^0D_2^{*+}D_s^{*-}$	11906	1	19275
11908	$e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^0\bar{K}^*K^+\Delta^+\bar{\Sigma}_c^{--}$	11907	1	19276
11909	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+K^*K^{*-}D^+\bar{D}^{*-}$	11908	1	19277
11910	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{D}^0D_1^+$	11909	1	19278
11911	$e^+e^- \to \pi^-\omega\eta'D^+\bar{D}^{*-}D_s^{*+}$	11910	1	19279
11912	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	11911	1	19280
11913	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\eta\omega\bar{D}^{*-}D^0$	11912	1	19281
11914	$e^+e^- \to \pi^0K^0K^0\bar{K}^0D^{*0}\Lambda\bar{\Sigma}_c^0$	1979	1	19282
11915	$e^+e^- \to \rho^-D^+D^-\bar{\Delta}^-n$	11914	1	19283
11916	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^{*+}\bar{D}^{*0}D_1^-$	11915	1	19284
11917	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*K^-D^{*+}D_1'^-$	11916	1	19285
11918	$e^+e^- \to \rho^+\eta\omega\bar{K}^*D^-D_s^+D_s^{*-}$	11917	1	19286
11919	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^{*+}D_2^{*+}$	11918	1	19287
11920	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^*K^*\bar{K}^*K^{*-}D^+D^{*+}$	11919	1	19288
11921	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$	11920	1	19289
11922	$e^+e^- \to \pi^0D^+D^-D_s^-D_{s1}'^+$	1980	1	19290
11923	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^*K^-D^{*+}\bar{D}^{*-}D^0$	11922	1	19291
11924	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*0}p\bar{\Delta}^+$	11923	1	19292
11925	$e^+e^- \to \pi^0\pi^0\rho^-D^{*+}\bar{D}^0\bar{n}\Delta^0$	11924	1	19293
11926	$e^+e^- \to \pi^-D^+\bar{D}^{*-}D_s^{*+}p\bar{p}$	460	1	19294
11927	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}a_1^-$	11926	1	19295
11928	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^{*+}D^-D^{*+}D^{*0}$	11927	1	19296
11929	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^-D^{*+}D_s^{*+}$	1982	1	19297
11930	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega\omega D^+\bar{D}^{*-}$	11929	1	19298
11931	$e^+e^- \to K_L\pi^+\pi^-\pi^-\rho^+K^0K^-D^+\chi_{c1}$	11930	1	19299
11932	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^0D^+D^{*+}D_s^{*-}$	11931	1	19300
11933	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-K^{*+}D^{*+}\bar{D}^{*-}$	1983	1	19301
11934	$e^+e^- \to \pi^0\pi^0\rho^0D^+\bar{D}^{*-}D_s^{*+}D_s^{*-}$	11933	1	19302
11935	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+K^*K^-D^{*+}\bar{D}^{*-}$	11934	1	19303
11936	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^-D_1^+$	11935	1	19304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11937	$e^+e^- \to \rho^0 K^* K^- D^{*+} \bar{D}^0 \eta_c$	461	1	19305
11938	$e^+e^- \to \pi^0\pi^0\rho^+\eta K^0 \bar{K}^0 \bar{K}^* K^{*+} D^- \bar{D}^{*-}$	11937	1	19306
11939	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0 D^+ D_0^{*-}$	11938	1	19307
11940	$e^+e^- \to \rho^+\omega\bar{K}^0 K^+ D^- D^-\gamma$	11939	1	19308
11941	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+ D^+ D^-$	11940	1	19309
11942	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega K^0 \bar{K}^* K^+ K^- D^+ D^-$	11941	1	19310
11943	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ K^0 \bar{K}^0 K^- K^{*+} \bar{D}^{*-} D^{*0}$	1985	1	19311
11944	$e^+e^- \to \pi^0\rho^0\pi^-\eta K^* D^+ D^- D^{*+}$	11943	1	19312
11945	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+ D^-$	11944	1	19313
11946	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\omega\omega D^{*+} \bar{D}^{*-}$	11945	1	19314
11947	$e^+e^- \to \mu^+\nu_\mu\eta' \bar{D}^{*-} \bar{p}\Sigma_c^+$	11946	1	19315
11948	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega K^- D^{*0} \bar{D}^{*0}$	11947	1	19316
11949	$e^+e^- \to \rho^-\omega D^{*+} \bar{D}^{*-} a_1^+$	11948	1	19317
11950	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^+ D^- \bar{D}^{*-}$	1986	1	19318
11951	$e^+e^- \to \mu^+\nu_\mu\rho^0 D^- D^{*+} n\bar{p}$	11950	1	19319
11952	$e^+e^- \to e^+\nu_e\bar{D}^{*-} D_s^- D_1'^+$	11951	1	19320
11953	$e^+e^- \to \rho^0\pi^+\bar{K}^0 K^+ K^{*-} D^- D^{*+} \bar{D}^{*-}$	11952	1	19321
11954	$e^+e^- \to \pi^0\pi^0\omega\omega D^0 \bar{D}^0$	11953	1	19322
11955	$e^+e^- \to \pi^0\pi^0\rho^+\omega K^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	11954	1	19323
11956	$e^+e^- \to \pi^0\pi^0\pi^+\bar{D}^{*-} \bar{\Delta}^+\Sigma_c^+$	11955	1	19324
11957	$e^+e^- \to D^{*+} \bar{D}^{*-} \Delta^- \bar{\Delta}^0 a_1^+$	11956	1	19325
11958	$e^+e^- \to \pi^+\rho^+\eta D^- D_1'^-$	11957	1	19326
11959	$e^+e^- \to \pi^0\pi^+\rho^-\rho^- D^+ D^- D_s^{*+}$	11958	1	19327
11960	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^- D^{*+} \bar{D}^{*0}$	11959	1	19328
11961	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^- D^{*+}$	11960	1	19329
11962	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D^+ \bar{D}^{*-} D_1^+$	11961	1	19330
11963	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\eta D^- D^-$	11962	1	19331
11964	$e^+e^- \to \pi^+\pi^-\eta K^0 \bar{K}^0\eta' D^{*+} \bar{D}^{*-} p\bar{p}$	11963	1	19332
11965	$e^+e^- \to e^+\nu_e\pi^-\omega D^+ n\bar{n} D_1'^-$	11964	1	19333
11966	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\eta D^+ \bar{D}^{*-}$	11965	1	19334
11967	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+ K^- D^- D^0 \bar{D}^0$	11966	1	19335
11968	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta D^+ \bar{D}^{*-}$	11967	1	19336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
11969	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega\eta' D^{*+}\bar{D}^{*-}$	11968	1	19337
11970	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0 K^0\bar{K}^0 D^+\bar{D}^{*0}$	11969	1	19338
11971	$e^+e^- \to \pi^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	11970	1	19339
11972	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^+p\bar{\Sigma}_c^-$	11971	1	19340
11973	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta\eta\eta' D^- D_2^{*+}$	11972	1	19341
11974	$e^+e^- \to \rho^0\eta D^- D^{*+}D_s^+ D_s^{*-}$	11973	1	19342
11975	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^{*+}D^{*+}$	11974	1	19343
11976	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\bar{K}^*\bar{D}^{*-}D^0$	11975	1	19344
11977	$e^+e^- \to \rho^0\rho^+\rho^-\omega\bar{K}^0 D^+D^-$	11976	1	19345
11978	$e^+e^- \to \pi^+\pi^+\rho^-\omega\bar{K}^0K^-\eta'\bar{D}^{*-}D^{*0}\Sigma^0\bar{\Xi}^+$	11977	1	19346
11979	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^- D^{*+}$	11978	1	19347
11980	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- D^{*+}\Delta^+\bar{\Xi}_c^0$	1987	1	19348
11981	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^0K^- D^{*+}\bar{D}^{*0}$	11980	1	19349
11982	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-}$	11981	1	19350
11983	$e^+e^- \to \pi^-\rho^+\omega D^+\Delta^+\bar{\Sigma}_c^{--}$	11982	1	19351
11984	$e^+e^- \to \omega K^* D^{*+}D^0\bar{D}^0 n\bar{p}$	11983	1	19352
11985	$e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^0D^{*0}D_s^+D_s^-$	11984	1	19353
11986	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*+}$	11985	1	19354
11987	$e^+e^- \to \pi^0\pi^+\pi^- D^- D^{*0}\bar{\Delta}^0\Delta^+$	11986	1	19355
11988	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 D^-\bar{\Delta}^0 pD_1'^+$	11987	1	19356
11989	$e^+e^- \to \pi^0\pi^-\eta D^{*+}\bar{D}^{*-}a_1^+$	11988	1	19357
11990	$e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^0D_s^+$	11989	1	19358
11991	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^+\bar{D}^{*-}\bar{D}^0$	11990	1	19359
11992	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0\bar{K}^0K^* D^-\bar{\Delta}^-\Delta^-$	1988	1	19360
11993	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^0D_s^{*+}D_1'^-$	11992	1	19361
11994	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+D_1^-$	11993	1	19362
11995	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^+D^- D^{*0}$	11994	1	19363
11996	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{p}\Xi_c'^+$	11995	1	19364
11997	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^- D^+D_2^{*+}D_s^{*-}$	11996	1	19365
11998	$e^+e^- \to \pi^0\bar{K}^0K^+D^- D^{*+}D_{s1}'^-$	11997	1	19366
11999	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^{*+}D^{*+}D^0$	11998	1	19367
12000	$e^+e^- \to K^- D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0 p\bar{\Sigma}^{*+}$	11999	1	19368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12001	$e^+e^- \to e^-\bar{\nu}_e X_u^+ \pi^- \rho^+ \rho^- D^{*+}$	12000	1	19369
12002	$e^+e^- \to \pi^0\pi^-\bar{K}^*\bar{K}^* K^+ D^- D^{*+} \bar{D}^{*0}$	12001	1	19370
12003	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega K^0 K^- D^{*+}$	12002	1	19371
12004	$e^+e^- \to D^+ D^0 D_s^{*-} n\bar{\Delta}^0$	12003	1	19372
12005	$e^+e^- \to \mu^+\nu_\mu K^0 K^- D^{*+} D_1^-$	12004	1	19373
12006	$e^+e^- \to \rho^0\pi^+\rho^-\omega K^- D^- D^{*+} D^{*+}$	12005	1	19374
12007	$e^+e^- \to \pi^+ K^0 D^- D^{*+} D^0 D_s^-$	12006	1	19375
12008	$e^+e^- \to \pi^0\pi^- D^{*+}\bar{D}^{*-} D_s^{*+} p\bar{p}$	1989	1	19376
12009	$e^+e^- \to \rho^0\rho^0\rho^+ K^{*-} D^{*+} D_1'^-$	12008	1	19377
12010	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\bar{D}^{*-} D^{*0}$	12009	1	19378
12011	$e^+e^- \to \pi^0\omega D^- D^{*+}\bar{D}^{*-}\bar{p}\Delta^{++}$	12010	1	19379
12012	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\eta D^- D^{*+}$	12011	1	19380
12013	$e^+e^- \to K^{*+} D^+ D_s^{*-}\Delta^0\bar{\Sigma}_c^-$	12012	1	19381
12014	$e^+e^- \to \rho^- K^+ K^{*-} D^+ D^{*+} D_{s1}'^-$	1990	1	19382
12015	$e^+e^- \to K^+ D^- D^0 D^{*0} n\bar{\Delta}^0$	12014	1	19383
12016	$e^+e^- \to \pi^0\pi^0 D^0\bar{D}^{*0}\bar{n}\Sigma_c^0$	1991	1	19384
12017	$e^+e^- \to e^-\bar{\nu}_e K_L D^{*+}\psi'$	12016	1	19385
12018	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-} D^0$	462	1	19386
12019	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0 K^+ D^+ D^-$	12018	1	19387
12020	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^- D^+ D^- D_s^+$	32	1	19388
12021	$e^+e^- \to \omega D_s^+\bar{n}\Sigma_c^0 D_1^-$	12020	1	19389
12022	$e^+e^- \to \pi^0\rho^0\pi^+ K^0 D^+ D^-\bar{D}^{*-}$	12021	1	19390
12023	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\eta K^{*-} D^+ D^-\bar{D}^{*-}$	12022	1	19391
12024	$e^+e^- \to \pi^+\pi^- D^- D^{*+} D_s^+ D_s^-$	12023	1	19392
12025	$e^+e^- \to \pi^0 D^+\bar{D}^{*-} D_s^{*+} n\bar{p}$	464	1	19393
12026	$e^+e^- \to \rho^- K^0\bar{K}^0 D^- D^{*+} a_1^+$	12025	1	19394
12027	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{K}^* D^- D^0\bar{D}^0\bar{n}p$	12026	1	19395
12028	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	12027	1	19396
12029	$e^+e^- \to e^-\bar{\nu}_e D^+ D^+ D^-$	12028	1	19397
12030	$e^+e^- \to K_L D^- D_s^+\eta_c$	12029	1	19398
12031	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^-\omega K^* D^+ D^{*+} D_s^-$	12030	1	19399
12032	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^0 K^+ K^- D^- D^{*+}\bar{D}^{*-}$	12031	1	19400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12033	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^+D^0\bar{D}^0$	12032	1	19401
12034	$e^+e^- \to \pi^0\bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	12033	1	19402
12035	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	12034	1	19403
12036	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+D^{*+}n\bar{\Delta}^+$	12035	1	19404
12037	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-D^-\bar{D}^{*-}$	12036	1	19405
12038	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	12037	1	19406
12039	$e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\eta_c$	12038	1	19407
12040	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^-D^{*+}$	12039	1	19408
12041	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega K^*D^{*+}\bar{D}^{*0}$	12040	1	19409
12042	$e^+e^- \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	1995	1	19410
12043	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^+D^0\eta_c\bar{\Sigma}^+\Sigma^-$	12042	1	19411
12044	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^0K^-D^-D^{*+}$	1996	1	19412
12045	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0}$	1997	1	19413
12046	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	12045	1	19414
12047	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-D^-D^{*+}$	12046	1	19415
12048	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	12047	1	19416
12049	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\bar{K}^0D^+D^-D^-$	12048	1	19417
12050	$e^+e^- \to \pi^+K^{*-}D^0J/\psi\Delta^0\bar{\Delta}^0$	12049	1	19418
12051	$e^+e^- \to \bar{K}^*D^{*0}\bar{D}^{*0}D_s^+D_1^-$	12050	1	19419
12052	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-D^-\Sigma^0\bar{\Sigma}^-$	12051	1	19420
12053	$e^+e^- \to e^+\nu_e\rho^0\rho^+\bar{K}^0K^*D^-D_2^{*-}$	12052	1	19421
12054	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-K^+D^+\bar{D}^0D_s^-$	12053	1	19422
12055	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega\omega K^-\phi D^-D^0$	1998	1	19423
12056	$e^+e^- \to \pi^+\pi^-K^0D_2^{*+}D_s^{*-}J/\psi$	1999	1	19424
12057	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}$	12056	1	19425
12058	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega D^-\bar{D}^{*-}$	12057	1	19426
12059	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}n\bar{p}$	12058	1	19427
12060	$e^+e^- \to \rho^+\rho^-\omega K^0K^+D^-\bar{D}^0D^{*0}$	12059	1	19428
12061	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega D^-D^0D_s^-$	12060	1	19429
12062	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^*K^+K^-D_s^+$	12061	1	19430
12063	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+D^-$	12062	1	19431
12064	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-}$	12063	1	19432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12065	$e^+e^- \to \pi^+\eta\omega D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	12064	1	19433
12066	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^*K^+D^+D^-n\bar{p}$	12065	1	19434
12067	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^{*-}D^+D^+\bar{D}^0n\bar{p}$	12066	1	19435
12068	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^{*0}$	12067	1	19436
12069	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-D^-D^{*+}n\bar{n}$	12068	1	19437
12070	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}$	12069	1	19438
12071	$e^+e^- \to D^{*+}D^0\Lambda\bar{\Sigma}^{*0}D_{s0}^{*-}$	12070	1	19439
12072	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^{*+}p\bar{\Sigma}_c^-$	12071	1	19440
12073	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}p\bar{p}D_{s1}'^-\gamma$	12072	1	19441
12074	$e^+e^- \to \pi^-J/\psi\bar{n}\Sigma_c^+K_1^0$	12073	1	19442
12075	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^*D^+D_s^+D_s^{*-}n\bar{n}$	12074	1	19443
12076	$e^+e^- \to \rho^0\rho^0\rho^0\rho^+\rho^-\eta\eta\eta D^{*+}\bar{D}^{*-}$	12075	1	19444
12077	$e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^{*+}D_2^{*-}\bar{D}^0$	12076	1	19445
12078	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta\omega\eta'D^-\bar{D}^{*-}$	12077	1	19446
12079	$e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D_1'^-\psi'$	12078	1	19447
12080	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta K^+K^-D^-D^{*+}$	12079	1	19448
12081	$e^+e^- \to \pi^+K_S\bar{D}^{*-}D^{*0}J/\psi$	12080	1	19449
12082	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^*K^-D^+D^0\bar{D}^0$	12081	1	19450
12083	$e^+e^- \to \rho^+K^+K^-D^-D_s^-D_1'^+$	12082	1	19451
12084	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta'\eta'D^{*+}\bar{D}^{*-}$	12083	1	19452
12085	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-K^{*+}D^-D^{*+}D^0$	12084	1	19453
12086	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	12085	1	19454
12087	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^+K^{*-}D^{*+}D^0$	2000	1	19455
12088	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\Delta^0\bar{\Xi}_c^{*0}$	12087	1	19456
12089	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-D^-$	12088	1	19457
12090	$e^+e^- \to \eta\eta\bar{K}^0\bar{D}^{*0}n\bar{\Delta}^0$	2001	1	19458
12091	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0D^{*+}D^0\bar{D}^{*0}$	12090	1	19459
12092	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^*K^{*-}D^{*+}\bar{D}^{*-}$	12091	1	19460
12093	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	12092	1	19461
12094	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	465	1	19462
12095	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\eta D^{*0}D_1^+$	12094	1	19463
12096	$e^+e^- \to K^{*+}D^-D^-D^{*0}a_1^+$	12095	1	19464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12097	$e^+e^- \to \pi^0\pi^0\pi^+\omega\omega D^- D^0$	12096	1	19465
12098	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^- D_1'^+$	12097	1	19466
12099	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^- D^+\bar{D}^{*-}p\bar{p}\Delta^+\bar{\Delta}^+$	12098	1	19467
12100	$e^+e^- \to \pi^0 D^- D_s^{*-}\bar{\Sigma}^0\Sigma^+ D_1^+$	12099	1	19468
12101	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta K^- D^+\bar{D}^{*-}D^0$	12100	1	19469
12102	$e^+e^- \to \rho^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-}$	12101	1	19470
12103	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^0$	12102	1	19471
12104	$e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^* K^+ K^{*-} D^0\bar{D}^{*0}$	12103	1	19472
12105	$e^+e^- \to K^{*+} D^+\bar{D}^{*-} D^0 D_{s1}'^-$	12104	1	19473
12106	$e^+e^- \to \pi^0\omega\bar{K}^0 D^+ D^- D^-\bar{n}p$	12105	1	19474
12107	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+\eta D^- D^{*+}$	12106	1	19475
12108	$e^+e^- \to \pi^0\rho^0\rho^+ K^0 D^- D_s^+ D_s^{*-}$	2003	1	19476
12109	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^+ D^-\bar{D}^{*-}D^0$	12108	1	19477
12110	$e^+e^- \to \pi^0\pi^0\rho^+ D^- D^{*+} D_s^{*-}$	12109	1	19478
12111	$e^+e^- \to \pi^+\rho^+\rho^- D^+ D^- D_s^-$	12110	1	19479
12112	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ K^+ K^{*-} D^+ D^{*+}$	2004	1	19480
12113	$e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^- D^- D^{*+} D_s^+$	2005	1	19481
12114	$e^+e^- \to \pi^0\rho^0\pi^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}D^0$	12113	1	19482
12115	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+ K^- D_2^{*-} D^0$	12114	1	19483
12116	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta D^{*+}\bar{D}^{*-}$	12115	1	19484
12117	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^- D^+ D^- D_s^{*-}\gamma$	12116	1	19485
12118	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^0 D^+ D^+\bar{p}\Sigma^{*-}$	2006	1	19486
12119	$e^+e^- \to \rho^0\rho^0\rho^+\eta\bar{D}^{*-} D_2^{*-} D_s^+$	12118	1	19487
12120	$e^+e^- \to \rho^-\rho^- D^+ p\bar{\Sigma}_c^0$	12119	1	19488
12121	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\eta K^0 D^+ D_s^-$	12120	1	19489
12122	$e^+e^- \to D^- D^{*0}\bar{\Delta}^- n\Delta^+\bar{\Delta}^+$	12121	1	19490
12123	$e^+e^- \to \pi^+\bar{K}^0 J/\psi\Delta^+\bar{\Sigma}_c^{*--}$	12122	1	19491
12124	$e^+e^- \to D^{*0}\bar{D}^{*0}n\bar{n}\Delta^+\bar{\Delta}^+$	466	1	19492
12125	$e^+e^- \to \pi^- K^{*+} D^- D_2^{*+} D^{*0}$	12124	1	19493
12126	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 D^{*+} p\bar{\Sigma}_c^{*-}$	12125	1	19494
12127	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^{*+}\bar{D}^{*-}\bar{D}^0$	12126	1	19495
12128	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	12127	1	19496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12129	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*\bar{D}^{*0}\bar{\Sigma}^{*0}\Sigma_c^{*0}$	12128	1	19497
12130	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+K^*K^-D^-\bar{\Delta}^+\Sigma_c^+$	12129	1	19498
12131	$e^+e^- \to \rho^0K^0D^0\bar{D}^0\bar{n}\Sigma_c^0$	12130	1	19499
12132	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^0\bar{\Delta}^-n$	12131	1	19500
12133	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0K^+D^-D^{*+}$	12132	1	19501
12134	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^{*+}D_s^{*-}$	2008	1	19502
12135	$e^+e^- \to \pi^+\pi^-\bar{K}^0D_2^{*+}D^{*0}\bar{D}^{*0}D_s^{*-}$	12134	1	19503
12136	$e^+e^- \to \pi^0\pi^0\rho^+\eta\eta nn\bar{p}\bar{\Sigma}_c^0$	12135	1	19504
12137	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^+D^{*+}$	2009	1	19505
12138	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^+D^-\Delta^+\bar{\Delta}^+$	12137	1	19506
12139	$e^+e^- \to \pi^+\pi^+\pi^-\eta\eta D^-D^{*+}a_1^-$	12138	1	19507
12140	$e^+e^- \to \pi^0\rho^+\bar{K}^0D^-D^0p\bar{\Sigma}_c^-$	12139	1	19508
12141	$e^+e^- \to \rho^+K^0\bar{K}^0\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}$	2010	1	19509
12142	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta D^-D^0D_s^-$	12141	1	19510
12143	$e^+e^- \to \pi^0\pi^+\eta D^-\bar{D}^{*-}D_{s1}'^+$	12142	1	19511
12144	$e^+e^- \to \pi^0\pi^0\rho^-D^+D^{*+}D_{s1}'^-$	12143	1	19512
12145	$e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}D_1'^-$	12144	1	19513
12146	$e^+e^- \to e^+\nu_e\pi^0\pi^0K^+D^-\bar{D}^{*-}D^0$	12145	1	19514
12147	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-D^-D^{*0}$	12146	1	19515
12148	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+K^0K^-D^+D^0$	12147	1	19516
12149	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	467	1	19517
12150	$e^+e^- \to \pi^+\pi^-\rho^-K^+\bar{D}^0D_s^-D_1^+$	12149	1	19518
12151	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega K^+K^-D^-D^{*+}$	12150	1	19519
12152	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}p\bar{p}$	12151	1	19520
12153	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\eta'\bar{D}^{*-}D^{*0}$	12152	1	19521
12154	$e^+e^- \to \pi^+\pi^+K^-\bar{D}^{*-}D_2^{*+}D^{*0}D_s^{*-}$	12153	1	19522
12155	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta\omega\omega D^-\bar{D}^{*-}$	12154	1	19523
12156	$e^+e^- \to \pi^0\pi^-\rho^+K^0D^{*+}\bar{D}^0D_s^{*-}$	12155	1	19524
12157	$e^+e^- \to \rho^+\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	12156	1	19525
12158	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\eta K^0K^{*-}D^+D^-$	12157	1	19526
12159	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-K^+K^-\bar{n}pD_1'^+$	12158	1	19527
12160	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	12159	1	19528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12161	$e^+e^- \to \pi^0\pi^-\eta D^+D^-D_s^{*+}$	12160	1	19529
12162	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^-K^{*+}D^{*0}\bar{p}\Sigma_c^{*+}$	12161	1	19530
12163	$e^+e^- \to \tau^+\nu_\tau K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	12162	1	19531
12164	$e^+e^- \to \pi^0\rho^+\eta D^+\bar{D}^{*-}D_s^-\gamma$	12163	1	19532
12165	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{\Sigma}^0\Sigma^+$	2012	1	19533
12166	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^0K^-D^{*+}\bar{D}^{*-}$	12165	1	19534
12167	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	12166	1	19535
12168	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega K^{*-}D^+D^-$	12167	1	19536
12169	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+\Delta^0\bar{\Sigma}_c^0$	2013	1	19537
12170	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\eta\eta\omega\omega D^{*+}D^0$	12169	1	19538
12171	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+D_1'^+$	12170	1	19539
12172	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\eta_c\bar{n}\Lambda$	12171	1	19540
12173	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\eta'D^+\bar{D}^{*-}$	12172	1	19541
12174	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	12173	1	19542
12175	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0D^+D^0\bar{D}^0$	468	1	19543
12176	$e^+e^- \to e^+\nu_eD^-D^-D^{*+}$	12175	1	19544
12177	$e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}a_1^+$	12176	1	19545
12178	$e^+e^- \to K^-D^+\bar{D}^0D^{*0}n\bar{n}$	12177	1	19546
12179	$e^+e^- \to \pi^+\pi^-\eta\omega\omega\eta'D^+D^-$	12178	1	19547
12180	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+D^-D_1^+$	12179	1	19548
12181	$e^+e^- \to \pi^0\rho^+\rho^-\rho^-\omega\bar{K}^0K^+\phi D^+D^-$	12180	1	19549
12182	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^*D^0\bar{D}^0\bar{n}\Delta^0$	12181	1	19550
12183	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^0\bar{D}^0$	12182	1	19551
12184	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-D^+\bar{D}^{*-}$	12183	1	19552
12185	$e^+e^- \to \pi^-\rho^+\omega K^+K^-D^0D^0\bar{D}^0\bar{D}^{*0}$	12184	1	19553
12186	$e^+e^- \to e^+\nu_e\pi^+\eta D^-D^0D_s^-$	12185	1	19554
12187	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+D^{*+}\bar{D}^{*-}\gamma$	12186	1	19555
12188	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-D^+D^-$	12187	1	19556
12189	$e^+e^- \to \omega K^*\bar{D}^{*-}\eta_cD_{s1}'^+$	12188	1	19557
12190	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^0$	12189	1	19558
12191	$e^+e^- \to \pi^-\rho^+\eta\omega\bar{K}^*\bar{D}^0\psi'$	12190	1	19559
12192	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}$	12191	1	19560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12193	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^{*+}D_1'^-$	12192	1	19561
12194	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\omega D^{*+}D_0^{*+}$	12193	1	19562
12195	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^-D^+D^+\bar{D}^{*0}$	12194	1	19563
12196	$e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega D^+D^-$	12195	1	19564
12197	$e^+e^- \to e^+\nu_e\rho^0\pi^-K^{*+}K^{*-}D^+\bar{D}^{*-}$	12196	1	19565
12198	$e^+e^- \to \pi^-\rho^+K^0K^-D^+\bar{D}^0$	12197	1	19566
12199	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^0D^{*+}\bar{D}^{*-}$	12198	1	19567
12200	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^-D^{*0}$	12199	1	19568
12201	$e^+e^- \to \pi^+\rho^+K^*K^+K^-D^-\bar{D}^{*-}n\bar{n}$	12200	1	19569
12202	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*K^-D^+\bar{D}^0$	12201	1	19570
12203	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^-\bar{D}^{*0}n\bar{n}$	12202	1	19571
12204	$e^+e^- \to \pi^0\bar{K}^0K^*K^+\phi D^+D^-\bar{D}^{*-}$	12203	1	19572
12205	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+D^-\bar{D}^{*0}$	469	1	19573
12206	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^0\bar{K}^*K^-D^+\bar{D}^{*-}\bar{D}^{*-}$	12205	1	19574
12207	$e^+e^- \to \pi^+\omega K^0\bar{K}^0K^-\bar{D}^{*0}\bar{p}\Delta^+$	12206	1	19575
12208	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-D^{*+}D_0^{*+}$	12207	1	19576
12209	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\Delta^0\bar{\Delta}^+D_1^+$	12208	1	19577
12210	$e^+e^- \to \pi^-\omega\omega K^{*+}D^+\bar{D}^{*-}D^{*0}$	2016	1	19578
12211	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-K^+K^-D^-D_1^+$	12210	1	19579
12212	$e^+e^- \to \pi^+\pi^-\pi^-K^*\eta'D^+D^+D^-$	2017	1	19580
12213	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}$	12212	1	19581
12214	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	12213	1	19582
12215	$e^+e^- \to \rho^+\omega\omega\bar{K}^0D^-D^0\bar{D}^{*0}$	12214	1	19583
12216	$e^+e^- \to \pi^-\rho^+D^-\bar{D}^{*-}D_s^{*+}\bar{n}p\gamma$	12215	1	19584
12217	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^0D^+D^0\bar{D}^{*0}$	12216	1	19585
12218	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0K^+K^-D^-D^{*+}$	12217	1	19586
12219	$e^+e^- \to \bar{K}^0\bar{D}^0D_s^-D_s^{*+}\bar{n}\Delta^0$	12218	1	19587
12220	$e^+e^- \to \pi^0\rho^+\eta\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	12219	1	19588
12221	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta\omega D^+D^+$	12220	1	19589
12222	$e^+e^- \to \pi^+\pi^-\omega K^0K^0K^-D^+D^{*+}\bar{D}^{*-}$	12221	1	19590
12223	$e^+e^- \to \pi^+\pi^-\eta D^+D^-\bar{p}\Delta^+\Delta^{++}\bar{\Delta}^{++}$	2018	1	19591
12224	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^{*+}D_1^-$	12223	1	19592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12225	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	12224	1	19593
12226	$e^+e^- \to \pi^0\rho^+D^-\bar{D}^{*-}D_s^{*+}$	12225	1	19594
12227	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+D^-$	12226	1	19595
12228	$e^+e^- \to \rho^0\rho^0\rho^-D^+\bar{D}^{*-}D_s^+$	12227	1	19596
12229	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*0}$	12228	1	19597
12230	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^+$	12229	1	19598
12231	$e^+e^- \to \pi^+\omega\omega\omega K^*\bar{D}^{*-}\eta_c$	2019	1	19599
12232	$e^+e^- \to e^-\bar{\nu}_eK_SD_2^{*+}\eta_c$	12231	1	19600
12233	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^0\bar{K}^*K^+D^+D^-$	12232	1	19601
12234	$e^+e^- \to \pi^-\eta\omega K^0D^{*+}J/\psi$	12233	1	19602
12235	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}D_{s1}'^+$	2020	1	19603
12236	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	470	1	19604
12237	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	12236	1	19605
12238	$e^+e^- \to \pi^-\bar{K}^0K^*\bar{K}^*K^+D^-D^{*+}$	12237	1	19606
12239	$e^+e^- \to \pi^-\bar{D}^0D_s^{*+}J/\psi K_1^0$	12238	1	19607
12240	$e^+e^- \to K^0K^{*+}D^-D^0D^0\bar{D}^{*0}$	12239	1	19608
12241	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega K^+K^-D^-D^{*+}$	12240	1	19609
12242	$e^+e^- \to \pi^+K^*D^+\bar{D}^{*-}D^0D_{s1}'^-$	12241	1	19610
12243	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}$	12242	1	19611
12244	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}n\bar{n}$	12243	1	19612
12245	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}p\bar{\Lambda}_c^-$	12244	1	19613
12246	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta K^0D^+D^{*+}$	12245	1	19614
12247	$e^+e^- \to \pi^0\rho^0\bar{K}^*D_s^-D_s^{*+}n\bar{\Sigma}_c^0$	12246	1	19615
12248	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\omega D^0D_0^{*+}$	12247	1	19616
12249	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^-\eta D^+$	12248	1	19617
12250	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}$	2022	1	19618
12251	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0\bar{K}^0D^{*+}D^{*+}$	12250	1	19619
12252	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta'D^+D^-$	12251	1	19620
12253	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+D^-\bar{D}^{*0}$	12252	1	19621
12254	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^{*+}D^+\Delta^-\bar{p}$	12253	1	19622
12255	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	12254	1	19623
12256	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^+\gamma$	12255	1	19624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12257	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K_L\bar{D}^{*-}\psi'$	12256	1	19625
12258	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+K^+K^-D^-D^{*+}$	12257	1	19626
12259	$e^+e^- \to e^+\nu_eK^*D^{*+}\bar{D}^{*-}D_1^-$	12258	1	19627
12260	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^-D^+D^-$	12259	1	19628
12261	$e^+e^- \to K^0K^0D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	12260	1	19629
12262	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\omega\omega\omega K^*K^{*-}D^-$	12261	1	19630
12263	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^+D^-D_s^{*+}$	12262	1	19631
12264	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+K^*\phi D^+D^+$	12263	1	19632
12265	$e^+e^- \to \pi^0\pi^+\bar{K}^0D^+D^-n\bar{\Sigma}_c^-$	12264	1	19633
12266	$e^+e^- \to \tau^+\nu_\tau K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	12265	1	19634
12267	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-K^+D^+D^-D^0$	12266	1	19635
12268	$e^+e^- \to e^+\nu_e\pi^-K^+K^{*-}D^+D^-$	12267	1	19636
12269	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^0p\bar{\Sigma}_c^-$	471	1	19637
12270	$e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\rho^+\omega\omega D^+D^-$	12269	1	19638
12271	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*-}\phi\bar{D}^{*-}$	12270	1	19639
12272	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega\bar{D}^{*-}D_2^{*+}$	12271	1	19640
12273	$e^+e^- \to \pi^+D_2^{*+}D_s^-\Delta^0\bar{\Sigma}_c^{*-}$	12272	1	19641
12274	$e^+e^- \to \pi^0\pi^+\rho^-\omega K^0\bar{K}^0D^-D^{*+}$	12273	1	19642
12275	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-D^-D^{*+}$	12274	1	19643
12276	$e^+e^- \to \rho^0\pi^-\eta\omega D^{*+}\Sigma^{*0}\bar{\Xi}_c^{*0}$	12275	1	19644
12277	$e^+e^- \to e^+\nu_eD^-D^-D_s^{*+}$	12276	1	19645
12278	$e^+e^- \to \pi^0D^-D^-D_s^{*+}D_{s1}'^+$	2024	1	19646
12279	$e^+e^- \to \pi^+\pi^-\rho^-K^+D^+D^-D^0$	12278	1	19647
12280	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-K^0\bar{K}^*D^-D^{*+}$	12279	1	19648
12281	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^{*0}D_1'^+$	12280	1	19649
12282	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^+D^-D_s^{*-}$	2025	1	19650
12283	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+\eta_c$	12282	1	19651
12284	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\eta\eta\eta K^0\eta'\bar{p}\Sigma_c^{*++}$	12283	1	19652
12285	$e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D^0D_s^-$	12284	1	19653
12286	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-D^-D^{*+}n\bar{n}\gamma$	12285	1	19654
12287	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\eta\omega D^+\bar{D}^{*-}$	12286	1	19655
12288	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega K^0K^-D^+\bar{D}^{*-}$	12287	1	19656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12289	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^+K^-D^-D_2^{*-}D_s^{*+}$	12288	1	19657
12290	$e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	12289	1	19658
12291	$e^+e^- \to \rho^0D_2^{*-}D_s^+\bar{p}\Sigma_c^+$	12290	1	19659
12292	$e^+e^- \to \pi^+\eta\bar{K}^0K^*D^-D^{*+}\bar{D}^{*-}D^0$	12291	1	19660
12293	$e^+e^- \to \rho^0\rho^0\pi^-\eta'D^+D^{*+}D_s^-$	472	1	19661
12294	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\omega\eta'D^{*+}\bar{D}^{*-}$	12293	1	19662
12295	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}D^{*0}$	12294	1	19663
12296	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta'D^-D^{*+}$	12295	1	19664
12297	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^+D^{*+}$	2027	1	19665
12298	$e^+e^- \to \pi^-K^*K^{*-}D^{*+}\bar{D}^{*0}D_s^+$	12297	1	19666
12299	$e^+e^- \to \pi^0\pi^0\pi^+K^0D^-\bar{n}\Xi_c^0$	12298	1	19667
12300	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-K^0J/\psi D_1'^-$	12299	1	19668
12301	$e^+e^- \to \pi^-\bar{K}^*K^-D^-\Delta^{++}\bar{\Sigma}^+\Sigma^{*+}\bar{\Sigma}^{*-}$	12300	1	19669
12302	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^-D^{*+}\bar{D}^{*0}D_s^+$	473	1	19670
12303	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0D^+D^-$	12302	1	19671
12304	$e^+e^- \to \pi^0\bar{K}^*D^+D^-\Delta^+\bar{\Sigma}_c^-$	12303	1	19672
12305	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^0$	12304	1	19673
12306	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^+D^-$	12305	1	19674
12307	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^-D^{*+}$	12306	1	19675
12308	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^+K^{*-}D^+D^-\bar{D}^{*0}$	12307	1	19676
12309	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0D^{*+}\Delta^-n\bar{p}\bar{\Sigma}_c^0$	12308	1	19677
12310	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0K^-D^-D^{*+}$	12309	1	19678
12311	$e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{D}^{*-}D^0$	12310	1	19679
12312	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+D^{*+}\bar{D}^0$	12311	1	19680
12313	$e^+e^- \to \rho^0\pi^-\rho^+\bar{D}^0D_s^{*+}\Sigma^0\bar{\Xi}_c^-$	12312	1	19681
12314	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\bar{K}^0K^+D^+D^-\bar{D}^{*-}$	12313	1	19682
12315	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^-D_1'^+$	12314	1	19683
12316	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\eta D^+D^{*+}$	12315	1	19684
12317	$e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-$	12316	1	19685
12318	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*-}$	12317	1	19686
12319	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+D^-$	12318	1	19687
12320	$e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+D_{s0}^{*-}$	12319	1	19688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12321	$e^+e^- \to \mu^+\nu_\mu\rho^- D^- D^{*+}\bar{\Sigma}^+\Sigma^-$	474	1	19689
12322	$e^+e^- \to \eta' D^+ D_s^+ D_s^{*-} D_1^-$	12321	1	19690
12323	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta' D^{*+} D_1^-$	12322	1	19691
12324	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^+ K^- D^+\bar{D}^{*-}$	12323	1	19692
12325	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta\omega K^+\bar{D}^{*-} D^0$	475	1	19693
12326	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 K^0\bar{K}^*\bar{D}^{*-}$	2031	1	19694
12327	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^- D^{*+}$	12326	1	19695
12328	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	476	1	19696
12329	$e^+e^- \to \bar{D}^{*-} D_2^{*+} D_s^- a_1^+$	2033	1	19697
12330	$e^+e^- \to \pi^+\pi^- D^0\bar{D}^0 D_s^+ D_s^-$	12329	1	19698
12331	$e^+e^- \to \rho^+ D^{*+} D_s^- D_1'^-$	12330	1	19699
12332	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0 D^+ D^+ D^-$	12331	1	19700
12333	$e^+e^- \to \pi^0\pi^-\pi^-\omega D^{*+} p\bar{\Xi}_c^0$	12332	1	19701
12334	$e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0\bar{K}^0 D^+\bar{D}^0 D_s^+$	2034	1	19702
12335	$e^+e^- \to \rho^0\rho^0 K^*\bar{K}^* D^0 D_s^+ D_s^{*-}$	12334	1	19703
12336	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+ D^- D^-$	12335	1	19704
12337	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+ D^-$	12336	1	19705
12338	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{\Delta}^- n D_0^{*+}$	12337	1	19706
12339	$e^+e^- \to K^*\bar{K}^* K^+ K^{*-}\eta' D^+\bar{D}^{*-}$	12338	1	19707
12340	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^- K^+ D^{*+}\bar{D}^{*-} D^{*0}$	12339	1	19708
12341	$e^+e^- \to \phi D^{*+} D^{*+} D_s^- \Delta^0\bar{\Delta}^+$	12340	1	19709
12342	$e^+e^- \to \rho^0\rho^0\pi^+\eta\eta K^* K^{*-} D^+ D^-$	12341	1	19710
12343	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D^+ D_2^{*-}$	12342	1	19711
12344	$e^+e^- \to e^-\bar{\nu}_e\pi^- D^{*+} p\bar{\Xi}_c'^0$	12343	1	19712
12345	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^+ K^- D^- D^{*+}$	12344	1	19713
12346	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta D^- D^0$	12345	1	19714
12347	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^-\bar{D}^{*-} D_s^{*+}\bar{\Delta}^- n$	12346	1	19715
12348	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^- K^{*-} D^+ D^-$	12347	1	19716
12349	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+ K^0 K^{*-} D^+\bar{D}^{*-}$	12348	1	19717
12350	$e^+e^- \to \rho^0\rho^-\eta K^0 D^{*+}\bar{D}^0 D^{*0}$	12349	1	19718
12351	$e^+e^- \to \pi^0\pi^+ K^* K^- D^+\bar{D}^{*-}$	12350	1	19719
12352	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega K^0 D^+ D^{*+}\bar{D}^{*0}$	2035	1	19720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12353	$e^+e^- \to e^+e^+\nu_e\nu_e D^- D_2^{*-}$	12352	1	19721
12354	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^* D^+ n\bar{p}$	2036	1	19722
12355	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- K^0\bar{K}^0 D^+ D_2^{*-}$	12354	1	19723
12356	$e^+e^- \to \pi^0\pi^+ K^0 K^*\bar{K}^* K^- D^+ D^0\Delta^-\bar{\Delta}^0$	12355	1	19724
12357	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta' D^+ D^-$	12356	1	19725
12358	$e^+e^- \to K^{*-} D^{*+}\bar{D}^{*0}\bar{D}^{*0}\Delta^+\bar{\Sigma}^-$	12357	1	19726
12359	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\eta\omega\bar{D}^{*-} D^0$	12358	1	19727
12360	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0 K^{*+} D^+ D^{*+} D_{s1}'^-$	12359	1	19728
12361	$e^+e^- \to \rho^0\pi^-\rho^+\eta K^+ K^- D^- D^{*+}$	12360	1	19729
12362	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^- D^{*+}\bar{D}^{*0}$	12361	1	19730
12363	$e^+e^- \to D^- D^{*+}\bar{\Delta}^-\Delta^0 D_{s1}'^-$	12362	1	19731
12364	$e^+e^- \to e^+\nu_e K^*\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0}$	12363	1	19732
12365	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0 D^+\bar{D}^0$	12364	1	19733
12366	$e^+e^- \to \tau^-\bar{\nu}_\tau K^- D^+ D_2^{*+}\bar{D}^0$	12365	1	19734
12367	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^+ D^0\bar{D}^{*0}$	12366	1	19735
12368	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	2037	1	19736
12369	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- K^* K^{*-} D^- D^{*+}$	12368	1	19737
12370	$e^+e^- \to \pi^-\rho^+\bar{D}^{*0} D_s^+\bar{\Delta}^+\Sigma_c^{*0}$	12369	1	19738
12371	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+ K^{*-} D^-\eta_c$	12370	1	19739
12372	$e^+e^- \to \pi^0\eta K^0 K^- D^{*+}\bar{D}^{*0} D_s^+ D_s^{*-}$	12371	1	19740
12373	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^- D^+\bar{D}^{*-}$	12372	1	19741
12374	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega\omega\bar{D}^{*-}\bar{D}^{*0}$	12373	1	19742
12375	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{D}^0\bar{\Delta}^0\Sigma_c^+$	12374	1	19743
12376	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+} D_2^{*+} a_1^-$	12375	1	19744
12377	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^- K^+ D^+\bar{D}^{*-} D^{*0}$	12376	1	19745
12378	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^- K^- K^{*+} D^{*+}\bar{D}^{*0}$	2038	1	19746
12379	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^*\bar{K}^* K^+ D^- D^{*+} D^{*0}$	12378	1	19747
12380	$e^+e^- \to \pi^0\pi^+\rho^+\rho^- D^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	12379	1	19748
12381	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-\eta' D^{*+} D_2^{*-}$	12380	1	19749
12382	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^- K^0 K^{*-} D^{*+} D^{*+}$	12381	1	19750
12383	$e^+e^- \to \pi^0\rho^+\eta K^0 K^{*-} D^{*+}\bar{D}^{*-}$	12382	1	19751
12384	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	12383	1	19752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12385	$e^+e^- \to \pi^+\pi^-\eta K^*\bar{K}^*K^-K^{*+}D^+D^-$	12384	1	19753
12386	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^0\bar{K}^*D_2^{*-}D^{*0}$	12385	1	19754
12387	$e^+e^- \to \pi^+\rho^+\rho^-\eta K^-D^+D^-$	12386	1	19755
12388	$e^+e^- \to \pi^0K^-D^{*+}\bar{D}^{*0}n\bar{\Xi}_c'^0$	12387	1	19756
12389	$e^+e^- \to \tau^+\nu_\tau K_SD^-J/\psi$	12388	1	19757
12390	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-}$	12389	1	19758
12391	$e^+e^- \to D^+D^-\bar{D}^{*-}\bar{\Lambda}\Sigma^+$	12390	1	19759
12392	$e^+e^- \to \pi^0\pi^0\rho^-\omega K^*D^{*+}\Delta^+\bar{\Sigma}_c^-$	12391	1	19760
12393	$e^+e^- \to e^+\nu_eD^{*0}\Delta^+\bar{\Delta}^+D_1^-$	12392	1	19761
12394	$e^+e^- \to \pi^0\pi^0\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	12393	1	19762
12395	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^+D^-$	12394	1	19763
12396	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-K^-D^-D_s^+$	12395	1	19764
12397	$e^+e^- \to \pi^0\pi^-K^{*+}D^{*0}\bar{D}^{*0}D_s^{*-}D_1^+$	2039	1	19765
12398	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0\bar{K}^0D^+D^-$	12397	1	19766
12399	$e^+e^- \to \mu^+\nu_\mu\rho^0K^0\bar{K}^0K^-D^{*+}\bar{D}^{*-}$	12398	1	19767
12400	$e^+e^- \to \rho^0K^0\bar{K}^0\eta_cn\bar{\Sigma}_c^0$	12399	1	19768
12401	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega D^-D_1'^+$	12400	1	19769
12402	$e^+e^- \to \pi^0\pi^+\pi^+\eta K^-D^-D^{*0}\bar{D}^{*0}$	12401	1	19770
12403	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^+$	12402	1	19771
12404	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+D^-D^{*+}p\bar{p}$	12403	1	19772
12405	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^-\bar{\Sigma}^0\Sigma^+$	12404	1	19773
12406	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega K^*K^-D^{*+}\bar{D}^{*-}$	12405	1	19774
12407	$e^+e^- \to \pi^-\omega\bar{K}^0K^{*+}K^{*+}\bar{D}^{*-}\eta_c$	12406	1	19775
12408	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-D^-D_s^+$	12407	1	19776
12409	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1'^+\gamma$	12408	1	19777
12410	$e^+e^- \to \rho^0\omega\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}D^0\bar{D}^0$	12409	1	19778
12411	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^-D^-D^{*+}\bar{D}^0$	12410	1	19779
12412	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p}$	2040	1	19780
12413	$e^+e^- \to \rho^+D^-D_s^-D_1'^+$	12412	1	19781
12414	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0D^-D_1^+$	12413	1	19782
12415	$e^+e^- \to \pi^+\pi^-\omega\phi D^+\bar{D}^0D_s^-$	12414	1	19783
12416	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^{*0}$	121	1	19784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12417	$e^+e^- \to \pi^+\eta K^- D^+ D^- \bar{D}^{*0}$	12416	1	19785
12418	$e^+e^- \to \rho^- \bar{K}^0 K^+ \eta' D^+ \bar{D}^{*-}$	12417	1	19786
12419	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^- D^+ \bar{D}^{*-} \bar{D}^0$	12418	1	19787
12420	$e^+e^- \to \pi^0 \bar{K}^0 D^- D^{*+} D_2^{*-} D_s^+$	12419	1	19788
12421	$e^+e^- \to e^- \bar{\nu}_e K^+ D^+ D^- D^0$	12420	1	19789
12422	$e^+e^- \to \pi^+\eta D^- D^{*+} \Delta^- \bar{n}$	12421	1	19790
12423	$e^+e^- \to \pi^0\pi^+ K^* K^- \bar{D}^{*-} \bar{n} p \psi(3770)$	12422	1	19791
12424	$e^+e^- \to e^+\nu_e\pi^+\eta\eta K^- \bar{D}^{*-}\eta_c$	12423	1	19792
12425	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0 D^{*0}$	12424	1	19793
12426	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	12425	1	19794
12427	$e^+e^- \to \eta D^- D^{*+} D_s^+ D_s^{*-}$	12426	1	19795
12428	$e^+e^- \to \rho^0\rho^+\bar{D}^{*-} D_s^{*+} D_1'^-$	12427	1	19796
12429	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta K^+ K^- D^+ \bar{D}^0$	12428	1	19797
12430	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+ D_1'^-$	12429	1	19798
12431	$e^+e^- \to K^* D^{*+} D^{*+} \bar{D}^{*-} D_s^-$	12430	1	19799
12432	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\bar{D}^{*-} D_2^{*+}$	12431	1	19800
12433	$e^+e^- \to \pi^-\bar{K}^0\bar{D}^0 D_s^+ \bar{\Delta}^+ \Sigma_c^+$	12432	1	19801
12434	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D_1^- a_1^+$	12433	1	19802
12435	$e^+e^- \to \omega\omega K^0 K^+ D_s^- \bar{\Delta}^0 \Sigma_c^{*0}$	12434	1	19803
12436	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega D^+ D^{*+}$	12435	1	19804
12437	$e^+e^- \to \pi^-\eta K^0 K^* \bar{K}^* D^{*+} D^{*+} \bar{D}^{*-}$	12436	1	19805
12438	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0 K^* D^{*+} \bar{D}^{*-} n\bar{p}$	12437	1	19806
12439	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^- K^* D^{*+} D^{*+} \bar{D}^0$	12438	1	19807
12440	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^+ \bar{D}^{*-} \Sigma^+ \bar{\Sigma}^-$	12439	1	19808
12441	$e^+e^- \to \rho^0\pi^+\pi^-\eta\eta D^+ \bar{D}^{*-}$	12440	1	19809
12442	$e^+e^- \to \rho^-\omega\omega D^{*+} n\bar{\Sigma}_c^0$	12441	1	19810
12443	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\eta D^+ D_0^{*-}$	12442	1	19811
12444	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta D^{*+} n\bar{n}$	12443	1	19812
12445	$e^+e^- \to \pi^0\pi^-\eta K^* D^+ D^- D^{*+}$	2042	1	19813
12446	$e^+e^- \to \pi^0\pi^-\rho^+ K^{*+} D^- \eta_c$	12445	1	19814
12447	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^+ D^+ \bar{D}^{*-} D^{*0}$	12446	1	19815
12448	$e^+e^- \to D^+ D^- D_s^{*+} D_s^{*-}$	12447	1	19816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12449	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^* D^+ D^- D^{*0}$	12448	1	19817
12450	$e^+e^- \to D^{*+}\bar{D}^{*-}D_{s1}'^+ D_{s1}'^-$	12449	1	19818
12451	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ D^{*+}\bar{D}^{*-}n\bar{n}$	12450	1	19819
12452	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	12451	1	19820
12453	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^+ D^-$	12452	1	19821
12454	$e^+e^- \to \pi^+\rho^-\eta\eta\omega\eta' D^+\bar{D}^{*-}$	12453	1	19822
12455	$e^+e^- \to K^0 D^+ D^0\bar{D}^{*0}D_s^{*-}$	12454	1	19823
12456	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+ K^*\eta' D^-\bar{D}^{*-}$	12455	1	19824
12457	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+ D^+ D^-\Sigma^+\bar{\Sigma}^-$	12456	1	19825
12458	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 D^- D^0$	12457	1	19826
12459	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega D^0 D_1'^+$	12458	1	19827
12460	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^* D^+ D^- D_s^+$	12459	1	19828
12461	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta D^- D^{*+}$	12460	1	19829
12462	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta D^- D^{*+}p\bar{p}\Sigma^+\bar{\Sigma}^-$	12461	1	19830
12463	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^0 K^+ K^- K^{*+} D^-\bar{D}^{*-}$	12462	1	19831
12464	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^- K^0 D^+ D^{*+}$	12463	1	19832
12465	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^{*+}D_1^-$	12464	1	19833
12466	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D_s^+$	12465	1	19834
12467	$e^+e^- \to \rho^+\eta D^+ D^- D_{s1}'^-$	12466	1	19835
12468	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ D^- D^{*+}a_1^-$	12467	1	19836
12469	$e^+e^- \to \pi^0 K^- D_s^+\bar{\Delta}^-\Delta^0\Sigma^{*-}\bar{\Sigma}_c^{*0}$	12468	1	19837
12470	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}$	12469	1	19838
12471	$e^+e^- \to \pi^-\bar{K}^0\eta_c\bar{n}\Sigma_c^{*+}$	12470	1	19839
12472	$e^+e^- \to \pi^0\rho^+\rho^-\omega\bar{K}^0 D^-\bar{n}p$	12471	1	19840
12473	$e^+e^- \to \bar{K}^* K^+ D^- D^{*+}\Sigma^{*0}\bar{\Xi}_c^-$	12472	1	19841
12474	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0 K^*\bar{K}^* D^+ D^-\bar{D}^{*-}$	12473	1	19842
12475	$e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^* D^+\eta_c$	12474	1	19843
12476	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^+\bar{D}^0$	12475	1	19844
12477	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ K^0 K^- D^- D^{*+}$	12476	1	19845
12478	$e^+e^- \to \pi^0\pi^+\eta K_S D^-\chi_{c1}$	12477	1	19846
12479	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^- D^- D^0$	12478	1	19847
12480	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+ K^+ D^+ D^-$	12479	1	19848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12481	$e^+e^- \to \pi^0\pi^+\eta D^- D^{*+} D_s^{*-}$	12480	1	19849
12482	$e^+e^- \to \pi^+\omega K^- D^+ \bar{D}^{*-} \bar{D}^0$	12481	1	19850
12483	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ \pi^0 K^{*+} D^- D^{*0}$	12482	1	19851
12484	$e^+e^- \to \pi^-\rho^-\omega D^{*+} D_1^+$	12483	1	19852
12485	$e^+e^- \to \omega\bar{K}^0 K^+ K^- D^- D^{*+} \bar{D}^0$	2043	1	19853
12486	$e^+e^- \to e^+\nu_e\rho^0\rho^- D^{*+} \bar{D}^{*-}\gamma$	12485	1	19854
12487	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^{*+} D^{*+} \bar{D}^0$	12486	1	19855
12488	$e^+e^- \to e^+\nu_e D^+ \bar{D}^{*-} \bar{\Delta}^+\Lambda$	12487	1	19856
12489	$e^+e^- \to \pi^0\pi^-\bar{K}^0 K^* D_s^+ J/\psi$	12488	1	19857
12490	$e^+e^- \to \rho^+\eta\omega K^0 D^- D_s^+ D_s^-$	12489	1	19858
12491	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega K^0 K^{*-} D^- D^{*+}\bar{n}p$	12490	1	19859
12492	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+ D^{*0}\bar{n}\Sigma_c^0$	12491	1	19860
12493	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^+ D^- D_s^+\gamma$	12492	1	19861
12494	$e^+e^- \to \pi^0\pi^0\rho^+\omega D^+ D^- D_s^-$	12493	1	19862
12495	$e^+e^- \to e^-\bar{\nu}_e\eta D^+ D_2^{*-} D_s^{*+}$	12494	1	19863
12496	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta\bar{K}^0 K^* K^* \bar{K}^* \bar{K}^* D^+$	12495	1	19864
12497	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^{*+} D^0 \bar{\Delta}^-\Delta^-$	12496	1	19865
12498	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^- D_0^{*+}$	12497	1	19866
12499	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega\omega D^{*+} \bar{D}^0$	12498	1	19867
12500	$e^+e^- \to \rho^+ K^* K^+ K^{*-} D^- \psi'$	12499	1	19868
12501	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\eta K^0 K^- D^{*0} \bar{D}^{*0}$	12500	1	19869
12502	$e^+e^- \to \mu^+\nu_\mu\rho^-\Delta^+\bar{\Sigma}_c^{*0} D_1'^-$	12501	1	19870
12503	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^- D^+ D^- \bar{\Delta}^-\Delta^0$	12502	1	19871
12504	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^* J/\psi p\bar{\Lambda}_c^-$	12503	1	19872
12505	$e^+e^- \to K^0 K^{*-} D^+ D_s^{*-} D_1'^+$	12504	1	19873
12506	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega D^+ D^-$	12505	1	19874
12507	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega K^0 D^+ D^- D^0$	12506	1	19875
12508	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^* D^+ D^- D^0 D_s^{*-}$	12507	1	19876
12509	$e^+e^- \to \rho^0\pi^-\rho^+ K^0 K^{*-} D^+ D^- a_1^+\gamma$	12508	1	19877
12510	$e^+e^- \to e^+\nu_e\pi^- K^- K^{*+}\eta' D^{*+} \bar{D}^{*-}$	12509	1	19878
12511	$e^+e^- \to \rho^-\eta\eta\bar{K}^* D^{*+} J/\psi$	12510	1	19879
12512	$e^+e^- \to \rho^0\pi^- K^0 D^+ D^- D^{*+}$	12511	1	19880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12513	$e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$	2044	1	19881
12514	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	12513	1	19882
12515	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	12514	1	19883
12516	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}D^{*+}\bar{D}^{*-}\gamma$	2045	1	19884
12517	$e^+e^- \to \pi^-\rho^+\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	12516	1	19885
12518	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+D^0D_1'^-$	12517	1	19886
12519	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*0}$	12518	1	19887
12520	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega\omega K^0K^0\bar{K}^0D^{*+}$	2046	1	19888
12521	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+K^*D^+D^-D^-\Delta^-\bar{p}$	12520	1	19889
12522	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+K^0D^+\bar{D}^{*-}$	12521	1	19890
12523	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega D^0\bar{D}^{*0}$	12522	1	19891
12524	$e^+e^- \to \rho^+\omega K^-D^+D^-\eta_c$	12523	1	19892
12525	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega\omega K^+K^-D^{*+}\bar{D}^0$	12524	1	19893
12526	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^{*+}D^{*+}D_s^{*-}$	12525	1	19894
12527	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^+$	12526	1	19895
12528	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+D_0^{*-}$	12527	1	19896
12529	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0\bar{K}^0K^*\psi'$	12528	1	19897
12530	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}$	12529	1	19898
12531	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta K^+K^-D^-D^0\bar{n}p$	12530	1	19899
12532	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-}$	12531	1	19900
12533	$e^+e^- \to \rho^+D^+D^-D_s^{*-}$	12532	1	19901
12534	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\omega D^-D^0$	12533	1	19902
12535	$e^+e^- \to e^-\bar{\nu}_e\eta D^+D^{*0}$	12534	1	19903
12536	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^{*-}\phi D^+D^0p\bar{p}$	12535	1	19904
12537	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^0$	12536	1	19905
12538	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^0$	12537	1	19906
12539	$e^+e^- \to \pi^0\pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+$	12538	1	19907
12540	$e^+e^- \to \pi^0K^+D^+D^-D^0D_s^{*-}$	12539	1	19908
12541	$e^+e^- \to \pi^-\pi^-\rho^+D^-D^{*+}a_1^+$	12540	1	19909
12542	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-D^+\bar{D}^{*0}$	12541	1	19910
12543	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^*K^-D^-D^{*+}$	12542	1	19911
12544	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^{*-}D^0\bar{D}^{*0}$	12543	1	19912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12545	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^+\bar{D}^{*-}$	12544	1	19913
12546	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\rho^+\omega\omega\bar{K}^0K^+D^-D^0$	2047	1	19914
12547	$e^+e^- \to \pi^0\pi^0K^+D^-D_s^+\bar{\Delta}^+\Xi_c'^0$	12546	1	19915
12548	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta' D^{*+}\bar{D}^0$	12547	1	19916
12549	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^{*0}$	12548	1	19917
12550	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-D^-D^0D_s^{*-}$	12549	1	19918
12551	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*0}$	12550	1	19919
12552	$e^+e^- \to \pi^0\pi^+\eta\eta' D^+D^-\Delta^-\bar{\Delta}^0$	12551	1	19920
12553	$e^+e^- \to e^+\nu_e\eta'\bar{D}^{*-}n\bar{\Sigma}_c^0$	12552	1	19921
12554	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^0\bar{p}\Delta^+$	12553	1	19922
12555	$e^+e^- \to \pi^-\eta D^{*+}D_2^{*-}D_s^+\Sigma^0\bar{\Sigma}^0$	12554	1	19923
12556	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\phi D^{*+}\bar{D}^{*-}D_s^+$	12555	1	19924
12557	$e^+e^- \to \mu^+\nu_\mu\rho^-\rho^-D^+$	12556	1	19925
12558	$e^+e^- \to \pi^+\pi^-D^+D^{*+}D_s^{*-}D_{s1}'^-$	12557	1	19926
12559	$e^+e^- \to \pi^-\rho^+\omega\bar{K}^0K^-K^{*+}D^-\bar{\Lambda}\Sigma_c^+$	12558	1	19927
12560	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0K^-D^+\bar{D}^{*-}\bar{D}^0$	12559	1	19928
12561	$e^+e^- \to \mu^+\nu_\mu K^*\bar{D}^{*-}J/\psi$	12560	1	19929
12562	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^+\bar{D}^0D^{*0}\Sigma^-\bar{\Sigma}^0$	12561	1	19930
12563	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+K^+K^-K^{*+}D^0\psi'$	12562	1	19931
12564	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega K^0D^-D^0\bar{D}^{*0}$	12563	1	19932
12565	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-D^+D^-$	12564	1	19933
12566	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-}p\bar{p}$	12565	1	19934
12567	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-}$	2048	1	19935
12568	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\pi^-D^+D^+\bar{\Delta}^-n$	12567	1	19936
12569	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-D^+D^-D_{s1}'^-$	12568	1	19937
12570	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^{*+}\bar{D}^0$	12569	1	19938
12571	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^+D^+D^-\bar{D}^{*-}D^{*0}$	12570	1	19939
12572	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^*D^{*+}D_s^+$	12571	1	19940
12573	$e^+e^- \to \pi^0\pi^0\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}n\bar{n}$	12572	1	19941
12574	$e^+e^- \to \rho^0\pi^-\rho^-\eta\omega K^+D^+D^0\bar{D}^{*0}$	12573	1	19942
12575	$e^+e^- \to K^+K^-D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	12574	1	19943
12576	$e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{p}\Xi_c'^0$	12575	1	19944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12577	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+D^-$	12576	1	19945
12578	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta D^-D^{*+}n\bar{n}$	2049	1	19946
12579	$e^+e^- \to \rho^0\rho^+\rho^-\eta\eta\bar{K}^0\bar{D}^{*0}\chi_{c1}$	12578	1	19947
12580	$e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}\bar{n}\Sigma^-\bar{\Lambda}\Sigma_c^0$	12579	1	19948
12581	$e^+e^- \to \pi^+\rho^+\omega\omega D^-\Delta^+\bar{\Sigma}_c^{*--}$	12580	1	19949
12582	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-}D_{s1}'^+$	12581	1	19950
12583	$e^+e^- \to \pi^0\pi^-\omega D^+D^-p\bar{p}\bar{p}\Delta^{++}$	12582	1	19951
12584	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta\bar{K}^0K^+\eta'D^-D^{*+}$	12583	1	19952
12585	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^{*+}D^{*+}$	12584	1	19953
12586	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^{*+}D^{*0}$	12585	1	19954
12587	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^+\bar{D}^{*0}a_1^-$	12586	1	19955
12588	$e^+e^- \to \pi^0\bar{K}^0K^+K^-D^-D^{*0}\bar{p}\Delta^{++}$	12587	1	19956
12589	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+D^{*+}\bar{D}^0$	12588	1	19957
12590	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\eta K^0K^{*-}D^{*+}\bar{D}^{*-}$	12589	1	19958
12591	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}D^0$	12590	1	19959
12592	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-D^-\bar{K}_0^{*0}$	12591	1	19960
12593	$e^+e^- \to \pi^-K^0\bar{K}^0D^+D^-a_1^+$	12592	1	19961
12594	$e^+e^- \to e^-\bar{\nu}_eD^0\bar{\Delta}^0\Sigma^0D_1'^+$	478	1	19962
12595	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}D^{*+}$	12594	1	19963
12596	$e^+e^- \to \pi^+K^-K^{*+}D^-D_s^{*-}D_1^+$	12595	1	19964
12597	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^-D^{*+}D_{s1}'^-$	12596	1	19965
12598	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+D^-D_s^{*+}$	12597	1	19966
12599	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-$	12598	1	19967
12600	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-K^*\eta'D^+$	12599	1	19968
12601	$e^+e^- \to \omega K^{*+}\bar{D}^{*-}D^{*0}\bar{n}\Xi_c'^0$	12600	1	19969
12602	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	12601	1	19970
12603	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^{*+}D^{*+}D^0$	12602	1	19971
12604	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^-D_1^+$	12603	1	19972
12605	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-}$	12604	1	19973
12606	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}\bar{D}^{*-}\gamma$	12605	1	19974
12607	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-D_1'^+$	12606	1	19975
12608	$e^+e^- \to \pi^0\pi^+\pi^+\omega D^-D^0D_s^{*-}$	12607	1	19976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12609	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-}n\bar{n}$	12608	1	19977
12610	$e^+e^- \to e^-\bar{\nu}_e\omega K^0\bar{K}^0D^{*+}D^{*0}$	12609	1	19978
12611	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^+D^+D_s^{*-}$	12610	1	19979
12612	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}n\bar{n}$	12611	1	19980
12613	$e^+e^- \to e^+\nu_e\rho^0\rho^-\eta\omega D^+D^-$	12612	1	19981
12614	$e^+e^- \to K_2^{*0}D^-J/\psi D_{s1}'^+$	12613	1	19982
12615	$e^+e^- \to \rho^+K^0D^-D^-D^{*+}$	12614	1	19983
12616	$e^+e^- \to e^+\nu_e\eta\bar{n}\Sigma_c^0D_0^{*-}$	12615	1	19984
12617	$e^+e^- \to \rho^-\bar{K}^*D^+\bar{\Sigma}^{*0}\Xi_c^0$	12616	1	19985
12618	$e^+e^- \to \pi^0\pi^-\pi^-\eta K^+D^{*+}\bar{D}^0D^{*0}$	12617	1	19986
12619	$e^+e^- \to \pi^0\omega K^0K^{*+}K^{*-}D^{*+}\bar{D}^0D_s^{*-}$	12618	1	19987
12620	$e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	12619	1	19988
12621	$e^+e^- \to \pi^-\omega\bar{K}^0K^*K^*D^+D^{*+}\bar{D}^{*-}$	12620	1	19989
12622	$e^+e^- \to \rho^0\rho^-K^0\eta'D^{*+}D^{*+}\bar{D}^{*-}$	2051	1	19990
12623	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta K^0K^-D^+D^{*+}n\bar{p}$	12622	1	19991
12624	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\bar{K}^*D^+D^-$	12623	1	19992
12625	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}D_s^-$	12624	1	19993
12626	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD_0^{*-}D_1'^+$	12625	1	19994
12627	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\bar{K}^0K^-\bar{D}^{*-}D_s^+$	2052	1	19995
12628	$e^+e^- \to \rho^0\pi^-\eta\eta\eta\omega D^+\bar{D}^{*-}a_1^+$	12627	1	19996
12629	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}a_1^-$	12628	1	19997
12630	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+D^-$	12629	1	19998
12631	$e^+e^- \to e^+\nu_eK^{*-}D^-\bar{\Delta}^+\Sigma_c^{++}\gamma$	12630	1	19999
12632	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^-D^{*+}$	12631	1	20000
12633	$e^+e^- \to K_SD^-\eta_ca_1^+$	12632	1	20001
12634	$e^+e^- \to \eta K^{*-}D^+\bar{D}^0n\bar{\Sigma}_c^0$	12633	1	20002
12635	$e^+e^- \to \pi^-K^+K^{*-}\phi D^+D^+D_s^{*-}$	12634	1	20003
12636	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+$	2053	1	20004
12637	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-K^*D^{*+}\bar{D}^0$	12636	1	20005
12638	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega\omega D^+D^-$	12637	1	20006
12639	$e^+e^- \to D_2^{*+}\bar{D}^{*0}D_s^-n\bar{\Delta}^0$	12638	1	20007
12640	$e^+e^- \to \omega D^+\bar{n}\Xi_c^0a_1^-$	12639	1	20008

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12641	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^{*+}\bar{D}^0 n\bar{\Delta}^0 p\bar{p}$	12640	1	20009
12642	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^{*-}D^+D^+\bar{D}^{*0}$	12641	1	20010
12643	$e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^-\bar{\Sigma}^0\Sigma^+$	12642	1	20011
12644	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}\bar{\Delta}^- n$	12643	1	20012
12645	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega K^0\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-}$	2054	1	20013
12646	$e^+e^- \to \mu^+\nu_\mu D^+D_{s0}^{*-}D_1'^-$	12645	1	20014
12647	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^{*+}D_1'^-$	2055	1	20015
12648	$e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}n\bar{\Delta}^+$	12647	1	20016
12649	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{K}^*K^+D^-D^-\gamma$	12648	1	20017
12650	$e^+e^- \to \rho^+\eta\omega\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	12649	1	20018
12651	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^*K^-\bar{D}^{*-}$	12650	1	20019
12652	$e^+e^- \to \pi^0\rho^-\eta\bar{K}^0K^*D^-D^{*+}D_s^{*+}$	12651	1	20020
12653	$e^+e^- \to \bar{K}^0\bar{K}^*K^+\phi D^-D^{*+}\bar{D}^{*-}$	12652	1	20021
12654	$e^+e^- \to \pi^0\pi^+\rho^-\eta D^-D^{*+}$	12653	1	20022
12655	$e^+e^- \to \pi^0\rho^0\pi^-K^{*+}D^-D^{*+}D^0$	12654	1	20023
12656	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta K^0\bar{K}^0\bar{K}^0\bar{K}^0K^+K^+\bar{D}^{*-}$	12655	1	20024
12657	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-\bar{D}^{*-}$	12656	1	20025
12658	$e^+e^- \to \mu^+\nu_\mu\pi^+K^{*-}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	12657	1	20026
12659	$e^+e^- \to \rho^0\rho^-D^+\bar{D}^{*-}\bar{p}\Sigma_c^{++}$	2056	1	20027
12660	$e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+}$	12659	1	20028
12661	$e^+e^- \to \pi^0\pi^0\rho^+\eta\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	12660	1	20029
12662	$e^+e^- \to \pi^+\pi^+\rho^-\eta\omega K^*K^-D^+\bar{D}^{*-}$	12661	1	20030
12663	$e^+e^- \to \pi^0\omega\bar{K}^0\bar{D}^{*-}J/\psi D_{s0}^{*+}$	12662	1	20031
12664	$e^+e^- \to \rho^+D^-D^{*+}D_{s1}'^-$	2057	1	20032
12665	$e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	12664	1	20033
12666	$e^+e^- \to \pi^+\pi^+\pi^-K^0K^*K^-D^{*+}a_1^-$	2058	1	20034
12667	$e^+e^- \to \pi^-D^+D_2^{*-}D_s^+n\bar{n}\gamma$	2059	1	20035
12668	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	12667	1	20036
12669	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+J/\psi$	12668	1	20037
12670	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0K^*K^-K^{*+}D^-D^{*+}$	12669	1	20038
12671	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^0D^0D_1^+$	12670	1	20039
12672	$e^+e^- \to \pi^+\pi^+\eta\bar{D}^{*-}D^0D_s^-$	12671	1	20040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12673	$e^+e^- \to \pi^0\omega\bar{K}^0K^+D^-D^{*+}D'^-_{s1}$	12672	1	20041
12674	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}p\bar{p}$	12673	1	20042
12675	$e^+e^- \to \bar{K}^0\bar{K}^*K^+\bar{D}^{*-}J/\psi$	12674	1	20043
12676	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*K^-D_s^{*+}\Sigma^0\bar{\Sigma}^0$	12675	1	20044
12677	$e^+e^- \to \pi^-D^+\bar{D}^{*0}D_s^-D_s^{*+}$	12676	1	20045
12678	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*D^+D^-\bar{D}^{*-}$	12677	1	20046
12679	$e^+e^- \to K^*D^{*+}\bar{p}\Xi'^+_cD'^-_{s1}$	12678	1	20047
12680	$e^+e^- \to \pi^0K^*D^+D_s^{*-}\Lambda\bar{\Sigma}^0_c$	2060	1	20048
12681	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-K^-\bar{D}^{*-}$	2061	1	20049
12682	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^0$	12681	1	20050
12683	$e^+e^- \to K^0K^0K^{*-}D^+D^+\bar{D}^{*-}$	12682	1	20051
12684	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\eta K^*\bar{K}^*D^-D^{*+}$	12683	1	20052
12685	$e^+e^- \to \pi^0\pi^0K^0K^-D^+D^-p\bar{\Omega}^0_c$	2062	1	20053
12686	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}$	12685	1	20054
12687	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^+\bar{D}^{*-}\bar{n}\Sigma^+_c$	12686	1	20055
12688	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\omega D^{*+}D^{*+}$	12687	1	20056
12689	$e^+e^- \to \pi^+\rho^-\omega K^0D^+a_1^-$	12688	1	20057
12690	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0K^*D^+D^-D_s^+$	12689	1	20058
12691	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\bar{D}^{*-}\bar{n}pD_1^+$	12690	1	20059
12692	$e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^*K^+D^-D^{*+}\bar{\Delta}^0\Sigma^-$	12691	1	20060
12693	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+}\bar{D}^0$	12692	1	20061
12694	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-D'^+_1$	12693	1	20062
12695	$e^+e^- \to \phi D^+\Sigma^{*0}\bar{\Omega}^{*0}_ca_1^-$	12694	1	20063
12696	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^+D^-$	2063	1	20064
12697	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+D^-D_1^+$	12696	1	20065
12698	$e^+e^- \to \pi^0K^*D^+D^0\bar{D}^0a_1^-$	12697	1	20066
12699	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-K^*K^{*-}D^{*+}\bar{D}^0$	12698	1	20067
12700	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^+K^-D^+D^-D^-n\bar{p}$	12699	1	20068
12701	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^+\bar{D}^{*-}D_2^{*-}$	12700	1	20069
12702	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega\omega D^-D^{*+}\gamma$	12701	1	20070
12703	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-K^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}$	12702	1	20071
12704	$e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0\bar{D}^{*-}D^0D_s^-$	12703	1	20072

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12705	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	12704	1	20073
12706	$e^+e^- \to e^-\bar{\nu}_e\eta' D^-\bar{n}pD_1^+$	12705	1	20074
12707	$e^+e^- \to \rho^0\pi^+\rho^-\eta K^{*-}D^+D^0\bar{D}^0$	12706	1	20075
12708	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^+D_0^{*+}$	12707	1	20076
12709	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0K^+D^-D^{*+}$	12708	1	20077
12710	$e^+e^- \to e^-\bar{\nu}_e\omega D^+\bar{D}^{*0}$	12709	1	20078
12711	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+D^-D^{*0}D^{*0}$	12710	1	20079
12712	$e^+e^- \to \pi^0\pi^+\eta\eta D^-D^{*+}np\bar{p}\bar{\Delta}^+$	12711	1	20080
12713	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0$	12712	1	20081
12714	$e^+e^- \to \pi^+K^0K^-D^-D^{*+}D^{*+}\bar{D}^{*-}$	12713	1	20082
12715	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^{*-}D^{*+}\bar{D}^0\bar{D}^0p\bar{p}$	12714	1	20083
12716	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}a_1^+$	12715	1	20084
12717	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^+\bar{D}^{*-}D^{*0}D_0^{*-}$	12716	1	20085
12718	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta D^+D_1'^-$	12717	1	20086
12719	$e^+e^- \to \mu^+\nu_\mu\pi^-K^+K^-D^{*+}D_1'^-$	479	1	20087
12720	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	12719	1	20088
12721	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	12720	1	20089
12722	$e^+e^- \to \pi^-K^0K^+K^-D^{*+}D^0\bar{D}^{*0}$	12721	1	20090
12723	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^*D^+D^+D_{s1}'^-$	12722	1	20091
12724	$e^+e^- \to \pi^+\rho^-\rho^-\bar{K}^*K^+D^-D^{*+}$	12723	1	20092
12725	$e^+e^- \to \pi^0\pi^+K^{*-}D^-D^{*0}\bar{D}^{*0}D_s^{*+}$	12724	1	20093
12726	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^-D^0a_1^+$	12725	1	20094
12727	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+\phi D^{*+}\bar{D}^{*-}$	12726	1	20095
12728	$e^+e^- \to \tau^+\nu_\tau\rho^+\eta\omega\bar{D}^{*-}D_0^{*-}$	33	1	20096
12729	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^*D^-D^0D_1'^+$	12728	1	20097
12730	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*0}\bar{p}\Lambda_c^+$	12729	1	20098
12731	$e^+e^- \to \tau^+\nu_\tau K^-\bar{D}^{*-}\bar{\Sigma}^0\Lambda_c^+$	12730	1	20099
12732	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\omega\omega D^{*+}D_0^{*+}$	12731	1	20100
12733	$e^+e^- \to \pi^0\pi^+\pi^-\eta' D^-D^{*+}$	12732	1	20101
12734	$e^+e^- \to \pi^0K^0K^*K^{*-}D^+D^-D^{*+}$	2066	1	20102
12735	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}\gamma$	12734	1	20103
12736	$e^+e^- \to \pi^-D^-D^{*+}D_s^+n\bar{n}$	12735	1	20104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12737	$e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^0D_s^-$	12736	1	20105
12738	$e^+e^- \to \rho^+\omega D^{*+}\bar{D}^{*-}a_1^-$	2067	1	20106
12739	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\eta' D^-\bar{D}^{*0}$	12738	1	20107
12740	$e^+e^- \to \pi^0\eta D^-D^{*+}D_s^{*+}\Sigma^0\bar{\Sigma}^-$	12739	1	20108
12741	$e^+e^- \to \pi^0\pi^0\rho^+\omega K^-D^+D^-\bar{D}^{*0}$	12740	1	20109
12742	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^{*-}D_1'^+\gamma$	12741	1	20110
12743	$e^+e^- \to e^+\nu_e\pi^-\rho^+K^-D^{*+}\bar{D}^{*-}$	12742	1	20111
12744	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\eta\omega D^-D^{*+}$	12743	1	20112
12745	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+D^+D^-\bar{D}^0$	12744	1	20113
12746	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta' D^+D_1'^-$	12745	1	20114
12747	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	12746	1	20115
12748	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega K^0\bar{K}^0D^{*+}D^{*+}$	12747	1	20116
12749	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+}D_s^-$	12748	1	20117
12750	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^-D^{*+}$	12749	1	20118
12751	$e^+e^- \to \pi^0\pi^+\rho^-\omega\eta' D^+D^-p\bar{\Delta}^+$	12750	1	20119
12752	$e^+e^- \to \tau^+\nu_\tau\pi^0\eta\eta\bar{K}^0\eta_cD_1^-$	12751	1	20120
12753	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^{*0}D_s^-D_s^{*+}$	2068	1	20121
12754	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^+D^+\bar{\Sigma}^+\Sigma^-$	2069	1	20122
12755	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0K^-D^+D_1'^+$	12754	1	20123
12756	$e^+e^- \to \pi^+K^-D^{*+}n\bar{p}\chi_{c1}$	12755	1	20124
12757	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^0D^0D^{*0}\bar{D}^{*0}$	12756	1	20125
12758	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^+$	12757	1	20126
12759	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta D^{*+}p\bar{\Sigma}_c^0$	2070	1	20127
12760	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^0\bar{K}^0D^{*+}D^{*+}$	12759	1	20128
12761	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^+D^-D^0$	12760	1	20129
12762	$e^+e^- \to \pi^-\pi^-\omega D^{*+}D_s^-\bar{n}p\Sigma^0\bar{\Omega}^+$	2071	1	20130
12763	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0D^{*+}\eta_c$	12762	1	20131
12764	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{K}^0\bar{D}^{*-}D^{*0}$	12763	1	20132
12765	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-K^0D^-D^{*+}$	2072	1	20133
12766	$e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^*K^+D^+D^-$	12765	1	20134
12767	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\omega D^-D^-$	12766	1	20135
12768	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	12767	1	20136

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12769	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-D^+D^-\Sigma^0\bar{\Sigma}^-$	2073	1	20137
12770	$e^+e^- \to \rho^+\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-}a_1^-$	12769	1	20138
12771	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^0D^+D^{*+}\bar{D}^0D_s^-$	12770	1	20139
12772	$e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^{*+}n\bar{p}$	12771	1	20140
12773	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+K^-D^-\psi(3770)$	12772	1	20141
12774	$e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^0p\bar{\Lambda}_c^-$	12773	1	20142
12775	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1^+$	12774	1	20143
12776	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	12775	1	20144
12777	$e^+e^- \to D^-\bar{D}^{*-}D_s^+\bar{\Delta}^-\Delta^0$	12776	1	20145
12778	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	12777	1	20146
12779	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega D^+D^-a_1^-$	2074	1	20147
12780	$e^+e^- \to \rho^-K^+D^{*+}\bar{D}^{*-}D^0$	2075	1	20148
12781	$e^+e^- \to \pi^0\rho^+\rho^-\eta\eta\eta K^0D^{*0}$	2076	1	20149
12782	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta\omega\bar{K}^*K^+D^-D^{*+}$	2077	1	20150
12783	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}n\bar{n}\Sigma^+\bar{\Sigma}^-$	12782	1	20151
12784	$e^+e^- \to \rho^0\pi^-\rho^-\eta D^+\bar{D}^0D_s^+$	12783	1	20152
12785	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega D^+D^-n\bar{p}$	12784	1	20153
12786	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+\Delta^+\bar{\Lambda}_c^-$	12785	1	20154
12787	$e^+e^- \to \pi^+\pi^-K^+K^-K^{*+}D^+D^-\bar{D}^{*-}$	12786	1	20155
12788	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	2078	1	20156
12789	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^+\bar{D}^{*0}D_{s1}'^-$	12788	1	20157
12790	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^+D^{*+}n\bar{n}\psi'$	12789	1	20158
12791	$e^+e^- \to \pi^+\rho^-K^0K^{*-}D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0}$	12790	1	20159
12792	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^-K^{*+}D^{*+}\bar{D}^0$	2079	1	20160
12793	$e^+e^- \to \pi^+\pi^-K^+\eta_c\bar{p}\Sigma_c^0$	12792	1	20161
12794	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-D^+D^-n\bar{n}$	12793	1	20162
12795	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^+D^+D^-\gamma$	2080	1	20163
12796	$e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0K^+K^-D^+D^-\bar{n}p$	12795	1	20164
12797	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\omega D^+D_1^+$	12796	1	20165
12798	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^-\bar{n}p$	2081	1	20166
12799	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_1^-$	12798	1	20167
12800	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0K^{*-}D^+D^{*+}$	12799	1	20168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12801	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}$	12800	1	20169
12802	$e^+e^- \to e^+\nu_e\rho^0 D^+D^-\bar{D}^{*-}$	12801	1	20170
12803	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0 D^{*+}D^{*+}\bar{D}^{*-}$	12802	1	20171
12804	$e^+e^- \to \rho^+K^0\eta_c\bar{\Delta}^+\Xi_c^{*0}\gamma$	12803	1	20172
12805	$e^+e^- \to \pi^+D^+D^-p\bar{p}a_1^-$	481	1	20173
12806	$e^+e^- \to \pi^0\pi^0\rho^-K^0D^+D_s^-\bar{\Xi}^+\Xi^0$	12805	1	20174
12807	$e^+e^- \to e^+\nu_e\rho^+\rho^-\rho^-D^{*+}D_1'^-$	12806	1	20175
12808	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^0\eta' D^{*+}D^{*+}\bar{D}^{*-}$	12807	1	20176
12809	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta D^+D^{*+}$	12808	1	20177
12810	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta\omega D^-D^{*+}D^0$	12809	1	20178
12811	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta D^+\bar{n}p$	12810	1	20179
12812	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta D^{*+}\bar{D}^{*-}\gamma$	12811	1	20180
12813	$e^+e^- \to \pi^+\rho^-K^0D^+D^0\bar{D}^{*0}D_s^-$	12812	1	20181
12814	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\eta D^-\bar{D}^{*-}$	12813	1	20182
12815	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^+\bar{D}^{*-}n\bar{p}$	12814	1	20183
12816	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	12815	1	20184
12817	$e^+e^- \to \pi^0\pi^-K^*D^+\bar{D}^{*-}\bar{D}^{*0}a_1^+$	12816	1	20185
12818	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^*K^-D^-D^{*+}\gamma$	12817	1	20186
12819	$e^+e^- \to e^+\nu_e\pi^-\rho^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	12818	1	20187
12820	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}\Delta^-\bar{\Sigma}^{*+}$	482	1	20188
12821	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta D^-D^-$	12820	1	20189
12822	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0D^+\bar{D}^0p\bar{p}$	12821	1	20190
12823	$e^+e^- \to \pi^+\rho^-\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	12822	1	20191
12824	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0\bar{K}^0K^*K^+D^-D^{*+}$	12823	1	20192
12825	$e^+e^- \to \pi^+\pi^-K^*K^-D^+D^{*+}a_1^-$	12824	1	20193
12826	$e^+e^- \to \rho^+D^+D_2^{*-}D_s^{*-}\gamma$	12825	1	20194
12827	$e^+e^- \to \pi^0\rho^+\rho^+K^0K^{*-}D^-D_2^{*+}D_s^{*-}$	12826	1	20195
12828	$e^+e^- \to \rho^0\pi^-D^{*+}D_2^{*-}D_s^+$	2084	1	20196
12829	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}$	12828	1	20197
12830	$e^+e^- \to \pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+}$	2085	1	20198
12831	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^-\eta\eta D^+D^+\bar{\Sigma}^{*0}\Sigma^+$	12830	1	20199
12832	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	12831	1	20200

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12833	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^0\bar{K}^0\bar{D}^{*-}$	12832	1	20201
12834	$e^+e^- \to \pi^0\pi^0\omega K^{*-}D^{*+}D_s^{*+}\Sigma^-\bar{\Lambda}$	12833	1	20202
12835	$e^+e^- \to \pi^0K^*D^-D_s^+J/\psi$	12834	1	20203
12836	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^*D^{*+}a_0^+$	12835	1	20204
12837	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\eta\omega D^-D^{*+}$	12836	1	20205
12838	$e^+e^- \to \rho^-K^0\phi\eta_cD_1'^+$	12837	1	20206
12839	$e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}n\bar{p}$	12838	1	20207
12840	$e^+e^- \to K^-D^-D^{*+}\bar{D}^0\bar{\Delta}^-n$	12839	1	20208
12841	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_s^+$	12840	1	20209
12842	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^0D^{*0}$	12841	1	20210
12843	$e^+e^- \to K^{*+}\phi D^+\bar{D}^{*-}D^{*0}D_s^{*-}$	12842	1	20211
12844	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*K^{*+}K^{*-}D^{*+}\bar{D}^0$	12843	1	20212
12845	$e^+e^- \to \pi^0\pi^+K^*K^-D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	12844	1	20213
12846	$e^+e^- \to \pi^0\rho^0\rho^-D^+D_s^{*+}D_1'^-$	12845	1	20214
12847	$e^+e^- \to \eta D^+\bar{D}^{*-}\bar{\Delta}^-n\Delta^0\bar{p}$	12846	1	20215
12848	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\bar{D}^{*-}D^0a_1^+$	12847	1	20216
12849	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}K_0^{*-}\gamma$	12848	1	20217
12850	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+K^*D^+D_s^{*-}$	12849	1	20218
12851	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+D^0D_s^-$	12850	1	20219
12852	$e^+e^- \to \rho^-K^+K^+K^-K^-D^+D^{*+}\Sigma^-\bar{\Sigma}^0$	12851	1	20220
12853	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}D^0n\bar{\Delta}^0$	12852	1	20221
12854	$e^+e^- \to e^+\nu_e\rho^-D_2^{*-}\bar{p}\Sigma_c^{++}$	12853	1	20222
12855	$e^+e^- \to \pi^0\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*0}p\bar{\Sigma}_c^{*0}$	12854	1	20223
12856	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^{*0}\bar{D}^{*0}J/\psi n\bar{\Lambda}$	12855	1	20224
12857	$e^+e^- \to \pi^+\bar{K}^0D^+\bar{D}^{*-}D_s^{*-}\Delta^-\bar{\Sigma}^+$	12856	1	20225
12858	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega\bar{K}^0K^*D^+\bar{D}^0$	12857	1	20226
12859	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D_1'^+$	12858	1	20227
12860	$e^+e^- \to \omega\omega K^0D^{*+}\bar{D}^{*0}D_s^{*-}$	12859	1	20228
12861	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^{*-}$	483	1	20229
12862	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega K^0D^+\bar{D}^{*-}D^{*0}$	12861	1	20230
12863	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^+\omega D^-D^{*0}$	12862	1	20231
12864	$e^+e^- \to e^+\nu_e\eta K^0K^-D^+\bar{D}^{*-}$	12863	1	20232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12865	$e^+e^- \to \pi^+\bar{K}^0K^*\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	12864	1	20233
12866	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_2^{*+}D_s^{*-}\gamma$	12865	1	20234
12867	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^0$	12866	1	20235
12868	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}D_s^+D_1^-$	12867	1	20236
12869	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^+D^+D^-$	12868	1	20237
12870	$e^+e^- \to D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}^0D_{s0}^{*-}$	12869	1	20238
12871	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta\omega D^+\bar{D}^{*-}$	12870	1	20239
12872	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^+D^-D^{*+}\bar{\Delta}^+\Sigma^{*0}$	12871	1	20240
12873	$e^+e^- \to \pi^0\pi^-K^+K^-D^+D^-D_s^+$	12872	1	20241
12874	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^-D^{*+}$	12873	1	20242
12875	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^+K^{*-}D^{*+}\bar{D}^0$	12874	1	20243
12876	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^{*+}K^{*+}\eta'D^-J/\psi$	12875	1	20244
12877	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}\Delta^0\bar{p}$	12876	1	20245
12878	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*\bar{K}^*\bar{K}^*D_s^+\bar{n}p$	2087	1	20246
12879	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\omega D^+D_2^{*+}$	12878	1	20247
12880	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^-D^+\bar{D}^0$	12879	1	20248
12881	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega D^-D^{*+}$	12880	1	20249
12882	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^+D^+$	12881	1	20250
12883	$e^+e^- \to \pi^0\pi^-\rho^+\eta\eta\eta D^{*+}\bar{D}^{*-}$	12882	1	20251
12884	$e^+e^- \to \pi^0\rho^0K^{*+}D^-D^0p\bar{p}\gamma$	12883	1	20252
12885	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0D^-D^-D^{*+}$	12884	1	20253
12886	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*0}D_s^-$	12885	1	20254
12887	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+D^+D^{*+}$	12886	1	20255
12888	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta'D^-D^{*+}$	12887	1	20256
12889	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_1^+a_1^+$	12888	1	20257
12890	$e^+e^- \to \pi^+\pi^-K^0K^0D^-D^{*+}\eta_c$	12889	1	20258
12891	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+}$	12890	1	20259
12892	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^0D^+D_s^-$	12891	1	20260
12893	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^{*0}$	12892	1	20261
12894	$e^+e^- \to \pi^0\pi^+\bar{K}^0D^-D_s^+D_s^{*-}n\bar{\Lambda}$	12893	1	20262
12895	$e^+e^- \to \rho^0\rho^+\rho^+\omega\omega D^-D^-$	2088	1	20263
12896	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega K^*D^-$	12895	1	20264

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12897	$e^+e^- \to D^+ J/\psi K_1^0 a_1^-$	2089	1	20265
12898	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^- D^- D_0^{*-}$	12897	1	20266
12899	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^+ p\bar{\Xi}_c'^-$	12898	1	20267
12900	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- K^0\bar{K}^* K^+ K^- D^{*+}\bar{D}^{*-}$	12899	1	20268
12901	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0 K^+\eta' D^- D^-$	12900	1	20269
12902	$e^+e^- \to \pi^- K^+ K^+ D^- D^- D^{*+} D^{*0}$	2090	1	20270
12903	$e^+e^- \to \pi^+ K^- D^+ D^-\bar{\Delta}^+\bar{\Sigma}^+\Lambda\Sigma^0$	2091	1	20271
12904	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^0 K^-\eta' D^+ D^-$	12903	1	20272
12905	$e^+e^- \to \pi^0\rho^0\rho^+\rho^- K^0\bar{K}^0 K^- K^{*+} D^{*+}\bar{D}^{*-}$	12904	1	20273
12906	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ n\bar{\Xi}_c'^- D_1'^+$	12905	1	20274
12907	$e^+e^- \to e^+\nu_e\rho^-\bar{K}^0 K^* D^+ D_1'^-$	12906	1	20275
12908	$e^+e^- \to e^+\nu_e\bar{K}^* D^{*+}\bar{D}^{*-} D_2^{*-}$	12907	1	20276
12909	$e^+e^- \to K^+ D^{*+}\bar{D}^{*-} D^{*0} D_s^{*-}\gamma$	12908	1	20277
12910	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- K^0\bar{K}^0 D^+\psi'$	12909	1	20278
12911	$e^+e^- \to \pi^+ K_2^{*0} D^0 D_s^- J/\psi$	12910	1	20279
12912	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta' D^+ D^+ n\bar{p}$	12911	1	20280
12913	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\omega\bar{K}^* K^- D^+ D_s^+$	12912	1	20281
12914	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta' D^0 D_1^-$	12913	1	20282
12915	$e^+e^- \to K^+ K^{*-} D^+ D^-\bar{D}^0\bar{\Delta}^-\Sigma^{*-}$	12914	1	20283
12916	$e^+e^- \to \bar{K}^* K^{*+} D^+\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	12915	1	20284
12917	$e^+e^- \to \rho^+ D_2^{*-}\bar{D}^{*0}\bar{p}\Delta^+$	12916	1	20285
12918	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+ K^0 K^0 D_s^- D_1'^-$	12917	1	20286
12919	$e^+e^- \to \pi^0\rho^0\rho^- D^{*+} D^0 n\bar{\Delta}^0$	12918	1	20287
12920	$e^+e^- \to e^+\nu_e\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	12919	1	20288
12921	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0 K^+ D^+ D^-$	12920	1	20289
12922	$e^+e^- \to K^* D^+ D^{*+}\bar{D}^{*-} D_{s1}'^-$	12921	1	20290
12923	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-} D_1^+$	12922	1	20291
12924	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^-\eta' D^+ D^+$	12923	1	20292
12925	$e^+e^- \to \pi^0 K^0 K^{*-} D^{*+}\bar{D}^{*-} D_{s1}'^+$	12924	1	20293
12926	$e^+e^- \to e^+\nu_e\pi^-\eta D^{*+} D_2^{*-}\Delta^{++}\bar{\Delta}^{++}$	12925	1	20294
12927	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega K^{*-}\bar{D}^{*-} D_s^+$	484	1	20295
12928	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^* D^- D^{*+}$	12927	1	20296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12929	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-K^+D^{*+}\chi_{c1}$	12928	1	20297
12930	$e^+e^- \to \rho^0K^0K^0K^0\bar{K}^0K^{*-}D^+\eta_c$	12929	1	20298
12931	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^-D^+D^{*+}\bar{p}\Delta^{++}$	12930	1	20299
12932	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}D_1'^-\gamma$	12931	1	20300
12933	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}$	12932	1	20301
12934	$e^+e^- \to K^{*+}D^-\bar{D}^{*-}D^0D_{s1}'^+$	12933	1	20302
12935	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^0$	12934	1	20303
12936	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^-D^{*0}D_s^+$	12935	1	20304
12937	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0\bar{K}^0D^-D^0\bar{D}^0D_s^{*+}$	12936	1	20305
12938	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^0D^+D^-D^0$	12937	1	20306
12939	$e^+e^- \to \rho^0\pi^+\rho^-K^+K^+K^+K^-K^{*-}\bar{D}^{*-}\bar{D}^0$	12938	1	20307
12940	$e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^+K^{*+}K^{*-}D^+D^0\bar{D}^{*0}$	2093	1	20308
12941	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^{*+}\Lambda\bar{\Sigma}^-D_1'^-$	12940	1	20309
12942	$e^+e^- \to \pi^+\eta K^+K^{*-}D^+D^-D_s^{*-}$	12941	1	20310
12943	$e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D^-J/\psi$	12942	1	20311
12944	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	12943	1	20312
12945	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	12944	1	20313
12946	$e^+e^- \to e^-\bar{\nu}_e\eta K^+D^+\bar{D}^{*-}D^{*0}$	12945	1	20314
12947	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\gamma$	12946	1	20315
12948	$e^+e^- \to \mu^+\nu_\mu X_u^-D^{*0}n\bar{\Delta}^0$	12947	1	20316
12949	$e^+e^- \to \pi^0\pi^0\pi^-K^0D^{*+}\bar{\Delta}^-\Delta^-\chi_{c1}$	12948	1	20317
12950	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-\rho^+D^-D^0$	12949	1	20318
12951	$e^+e^- \to \eta D_2^{*+}D_s^-\bar{n}\Sigma_c^0$	2094	1	20319
12952	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}a_1^-$	12951	1	20320
12953	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-$	2095	1	20321
12954	$e^+e^- \to \pi^+\rho^-\rho^-\rho^-\omega D^{*+}\bar{\Delta}^+\Sigma_c^{++}$	12953	1	20322
12955	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	12954	1	20323
12956	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_0^{*+}$	12955	1	20324
12957	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\omega D^+\bar{D}^{*-}$	12956	1	20325
12958	$e^+e^- \to \rho^-\eta D^+D_2^{*-}D_s^{*+}$	12957	1	20326
12959	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^-D^{*+}\bar{\Lambda}\Sigma^+$	2096	1	20327
12960	$e^+e^- \to \pi^0\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	12959	1	20328

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12961	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\omega K^0K^-D^-D^{*+}$	2097	1	20329
12962	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\bar{K}^*K^+J/\psi$	12961	1	20330
12963	$e^+e^- \to e^-\bar{\nu}_eD^+D^-D_{s0}^{*+}$	12962	1	20331
12964	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega K^-K^{*+}D^+\bar{D}^{*-}$	12963	1	20332
12965	$e^+e^- \to e^+\nu_e\pi^0D^-D^{*+}D_s^{*-}$	12964	1	20333
12966	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}a_1^+$	12965	1	20334
12967	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+K^*D^+\bar{D}^{*-}\bar{n}\Sigma^0$	12966	1	20335
12968	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+K^0D^+D_s^-p\bar{\Delta}^{++}$	12967	1	20336
12969	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}D^{*+}n\bar{n}$	2098	1	20337
12970	$e^+e^- \to \tau^+\nu_\tau\pi^-\rho^+D_1^-a_0^0$	12969	1	20338
12971	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta'D^0\bar{D}^0$	12970	1	20339
12972	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-D^+D^+$	12971	1	20340
12973	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D_2^{*+}\bar{D}^{*0}\Delta^-\bar{p}$	12972	1	20341
12974	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\omega D^+\bar{\Delta}^0\Sigma_c^0$	12973	1	20342
12975	$e^+e^- \to e^+\nu_e\pi^0\pi^-K^0\bar{K}^0\phi D^+D_1'^-$	12974	1	20343
12976	$e^+e^- \to \rho^+\omega K^-K^{*+}D^-\eta_c$	12975	1	20344
12977	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0$	12976	1	20345
12978	$e^+e^- \to \pi^-K^0K^0K^{*-}D^+D^{*+}\bar{D}^{*0}$	12977	1	20346
12979	$e^+e^- \to \omega K^*K^-D^+\bar{D}^{*-}D_s^+$	12978	1	20347
12980	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^{*+}\bar{D}^{*0}n\bar{n}$	12979	1	20348
12981	$e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}\eta_c$	2099	1	20349
12982	$e^+e^- \to \bar{K}^*\bar{K}^*K^+D^-n\bar{\Omega}_c^0$	12981	1	20350
12983	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\bar{K}^*K^+K^-D^+$	12982	1	20351
12984	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-\bar{K}^*K^+K^+D^+\bar{D}^0$	12983	1	20352
12985	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	12984	1	20353
12986	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	12985	1	20354
12987	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^-D^{*+}D_s^{*-}$	12986	1	20355
12988	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\eta_c$	12987	1	20356
12989	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0D^{*0}\Delta^0\bar{\Sigma}_c^0$	12988	1	20357
12990	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}$	12989	1	20358
12991	$e^+e^- \to e^+\nu_e\eta\eta\omega D^-D^{*0}$	2100	1	20359
12992	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*+}D_1'^-$	12991	1	20360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
12993	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D_0^{*+}$	12992	1	20361
12994	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*D^{*+}\bar{p}\Delta^{++}$	12993	1	20362
12995	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^-D^-D^{*+}n\bar{n}$	12994	1	20363
12996	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^-$	12995	1	20364
12997	$e^+e^- \to \pi^-\bar{K}^0K^+D^-D^{*+}$	12996	1	20365
12998	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}$	12997	1	20366
12999	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\rho^-\omega K^*D^+\eta_c$	12998	1	20367
13000	$e^+e^- \to \rho^0\rho^-\omega K^0D^+D^-D^{*+}$	12999	1	20368
13001	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+D^-\Delta^0\bar{\Delta}^+$	13000	1	20369
13002	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+D^-D^0$	13001	1	20370
13003	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	13002	1	20371
13004	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+D^-D^{*+}$	13003	1	20372
13005	$e^+e^- \to \pi^0\rho^0K^0K^0K^{*-}D^+D^{*+}\bar{D}^{*-}$	13004	1	20373
13006	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\omega\omega K^{*-}D^-\bar{D}^0D^{*0}$	13005	1	20374
13007	$e^+e^- \to \pi^0\pi^+\pi^+\eta\omega D^-\Delta^0\bar{\Sigma}_c^-$	13006	1	20375
13008	$e^+e^- \to \rho^0\omega K^+\bar{D}^{*-}D^{*0}p\bar{\Lambda}_c^-$	13007	1	20376
13009	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}D_0^{*-}$	13008	1	20377
13010	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^+D^-$	13009	1	20378
13011	$e^+e^- \to \tau^+\nu_\tau\rho^-D^{*+}D_2^{*-}$	13010	1	20379
13012	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	13011	1	20380
13013	$e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{n}p$	13012	1	20381
13014	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	13013	1	20382
13015	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega D^-D^{*+}a_1^-$	13014	1	20383
13016	$e^+e^- \to e^-\bar{\nu}_eX_u^+D^-\bar{\Delta}^-\Delta^0$	13015	1	20384
13017	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta K^{*+}D^-D^-p\bar{p}$	13016	1	20385
13018	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}$	13017	1	20386
13019	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-D^{*+}\bar{D}^{*0}$	13018	1	20387
13020	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^+D^{*+}D_{s1}'^-$	13019	1	20388
13021	$e^+e^- \to \pi^0\pi^-\pi^-D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+a_1^+$	13020	1	20389
13022	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^0$	13021	1	20390
13023	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D_{s1}'^+$	13022	1	20391
13024	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0$	13023	1	20392

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13025	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^*D^0\chi_{c2}$	2101	1	20393
13026	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+\eta\eta K^+K^{*-}\bar{D}^{*-}$	13025	1	20394
13027	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-K^0D^{*+}a_1^-$	13026	1	20395
13028	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\eta D^-D^{*0}D_s^-$	13027	1	20396
13029	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega K^+K^-D^+\bar{D}^{*-}$	13028	1	20397
13030	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+D^-D^{*+}n\bar{p}$	13029	1	20398
13031	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	13030	1	20399
13032	$e^+e^- \to \pi^0\rho^0\rho^-\omega K^0D^-D^{*+}D^{*+}$	13031	1	20400
13033	$e^+e^- \to \omega\bar{K}^*K^+\eta'\bar{D}^{*-}\bar{n}\Sigma_c^0$	13032	1	20401
13034	$e^+e^- \to \pi^0\pi^-D^{*+}K_1^0\gamma$	13033	1	20402
13035	$e^+e^- \to \pi^+\pi^-D^-D^-D_s^+D_{s1}^+$	13034	1	20403
13036	$e^+e^- \to \pi^+\rho^-\omega K^{*-}D^+\bar{D}^0\bar{D}^{*0}$	13035	1	20404
13037	$e^+e^- \to \pi^0\pi^-K^-K^{*+}D^+\bar{D}^{*-}D_s^{*+}$	13036	1	20405
13038	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-D^+\bar{D}^{*-}\bar{n}p$	13037	1	20406
13039	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^{*-}\bar{D}^{*-}D_s^+$	123	1	20407
13040	$e^+e^- \to \pi^0\pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-$	13039	1	20408
13041	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-D^+D_1'^+$	13040	1	20409
13042	$e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_{s0}^{*+}$	13041	1	20410
13043	$e^+e^- \to \pi^0\pi^+\rho^+\eta\bar{K}^0D^-D^-D^{*0}$	13042	1	20411
13044	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+K^*K^-K^{*-}D^-$	13043	1	20412
13045	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta K^+K^-D^-D^{*+}$	13044	1	20413
13046	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+D^{*0}$	13045	1	20414
13047	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega\bar{K}^*K^+K^-D^-D^-D^0$	13046	1	20415
13048	$e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}D_{s1}'^-$	13047	1	20416
13049	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\eta'D^+$	13048	1	20417
13050	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\omega\omega D^+D^-$	13049	1	20418
13051	$e^+e^- \to \tau^-\bar{\nu}_\tau\omega\bar{K}^0K^+D^-D^{*+}$	13050	1	20419
13052	$e^+e^- \to \pi^0\eta\bar{K}^0K^+\bar{D}^{*-}D^0\bar{D}^0D^{*0}$	13051	1	20420
13053	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^+\bar{D}^{*0}$	13052	1	20421
13054	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}D^{*0}\bar{D}^{*0}$	13053	1	20422
13055	$e^+e^- \to \pi^0\bar{K}^0D^-D_s^+\chi_{c0}$	13054	1	20423
13056	$e^+e^- \to K^0\bar{K}^0K^+D^-D^{*+}D^0D_s^-$	13055	1	20424

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13057	$e^+e^- \to \rho^- \bar{K}^0 K^* \bar{K}^* K^{*+} \phi D^{*+} \bar{D}^{*-}$	13056	1	20425
13058	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- \rho^- \bar{K}^* K^+ D^{*+} \bar{D}^{*-}$	13057	1	20426
13059	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^- D^{*0} D_1'^-$	13058	1	20427
13060	$e^+e^- \to e^+\nu_e D_s^{*-} D_1^+ D_1^-$	13059	1	20428
13061	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^- K^* K^- D^{*+} D^{*+}$	13060	1	20429
13062	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- \omega D^+ D^-$	13061	1	20430
13063	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- \eta \bar{K}^0 D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	13062	1	20431
13064	$e^+e^- \to K^0 K^* D^+ D^- D_s^{*+} D_s^{*-}$	13063	1	20432
13065	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^- K^+ K^- K^{*+} D^- D^- D^{*0}$	13064	1	20433
13066	$e^+e^- \to \pi^- \eta K^+ D^+ \Delta^+ \Sigma^0 \bar{\Sigma}^0 \bar{\Sigma}_c^{*--}$	13065	1	20434
13067	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+ \omega K^{*-} D^- D^{*+} \bar{D}^{*0}$	13066	1	20435
13068	$e^+e^- \to \pi^- \omega\omega D^+ D^- D_s^{*+}$	13067	1	20436
13069	$e^+e^- \to \mu^+\nu_\mu\pi^0 \bar{D}^{*-} \bar{D}^0 D^{*0}$	2103	1	20437
13070	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- \omega D^{*+} \bar{D}^{*0} D_s^-$	13069	1	20438
13071	$e^+e^- \to \pi^+ K^0 D^+ D^- a_1^-$	13070	1	20439
13072	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^- D^{*+} \bar{D}^{*-} D_s^{*-}$	13071	1	20440
13073	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^- \eta\omega K^0 K^- D^+ D^+$	13072	1	20441
13074	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^- D^+ D^{*+} D_{s1}'^-$	2104	1	20442
13075	$e^+e^- \to \pi^+\pi^-\pi^- \eta\eta\omega\omega K^0 D^{*+}$	13074	1	20443
13076	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\rho^-\rho^- D^{*+} D_1^-$	13075	1	20444
13077	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} \bar{D}^0$	2105	1	20445
13078	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+ K^{*+} D^- J/\psi$	13077	1	20446
13079	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+ D^- D^-$	13078	1	20447
13080	$e^+e^- \to \pi^0\rho^0\pi^+ \eta D^+ \bar{D}^{*-} D_s^-$	13079	1	20448
13081	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- D^{*+} \bar{D}^{*-}$	2106	1	20449
13082	$e^+e^- \to \pi^+\pi^- D^- \bar{n} \Lambda_c^+$	13081	1	20450
13083	$e^+e^- \to K^* \bar{K}^* D^{*+} \bar{D}^{*-} D^0 \bar{D}^{*0}$	13082	1	20451
13084	$e^+e^- \to \rho^+ K^+ \bar{D}^{*-} D^0 D^{*0} D_s^{*-}$	13083	1	20452
13085	$e^+e^- \to \pi^-\rho^+ \eta\eta\omega \bar{K}^0 \bar{D}^{*-} \bar{n} \Delta^+$	13084	1	20453
13086	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+ K^- D^{*+} \Delta^0 \bar{\Sigma}_c^{*0}$	13085	1	20454
13087	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^- \omega \bar{K}^* D^{*+} \bar{D}^0 D_s^{*+}$	2107	1	20455
13088	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^- D^{*0} D_0^{*-}$	13087	1	20456

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13089	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0K^+D^-D^{*+}\bar{D}^0D^{*0}$	13088	1	20457
13090	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\omega\omega\bar{D}^{*-}D^{*0}$	13089	1	20458
13091	$e^+e^- \to \pi^0\pi^+\pi^+K^*K^-D^-D^{*0}D^{*0}\bar{D}^{*0}$	13090	1	20459
13092	$e^+e^- \to \pi^-\pi^-\bar{K}^0K^{*+}D^+D^+\bar{D}^{*-}\bar{D}^{*0}$	13091	1	20460
13093	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	13092	1	20461
13094	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^-D^{*+}\bar{D}^{*-}$	13093	1	20462
13095	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-D^-n\bar{n}$	13094	1	20463
13096	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^{*+}\chi_{c1}$	13095	1	20464
13097	$e^+e^- \to \eta D_2^{*+}D_s^-\bar{\Delta}^0\Sigma_c^0$	13096	1	20465
13098	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^*K^+K^-D^-D^0\bar{D}^0$	13097	1	20466
13099	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}n\bar{n}$	2108	1	20467
13100	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^{*+}D^{*+}n\bar{p}$	13099	1	20468
13101	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta'\bar{D}^{*-}D_1^+$	13100	1	20469
13102	$e^+e^- \to \pi^-\rho^+K^0K^{*-}D^+J/\psi K_1^0$	13101	1	20470
13103	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\omega\omega D^-D^{*+}$	13102	1	20471
13104	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\rho^-D^-D^{*+}$	13103	1	20472
13105	$e^+e^- \to \rho^0\pi^+\pi^+\omega D^-D_1^-$	13104	1	20473
13106	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	13105	1	20474
13107	$e^+e^- \to K_SK^{*+}\bar{D}^{*-}D^0\eta_c$	13106	1	20475
13108	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D^{*0}\Sigma^0\bar{\Sigma}^-$	2109	1	20476
13109	$e^+e^- \to \pi^0\rho^-D^+p\bar{\Sigma}_c^-$	13108	1	20477
13110	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\bar{K}^*D^-$	13109	1	20478
13111	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\omega D^-D^{*0}$	13110	1	20479
13112	$e^+e^- \to D^{*+}J/\psi\Delta^-\bar{n}K_1^0$	13111	1	20480
13113	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}$	2110	1	20481
13114	$e^+e^- \to \pi^0\pi^-\rho^+\eta D^-\bar{\Delta}^-\Sigma_c^{*0}$	13113	1	20482
13115	$e^+e^- \to \pi^+\eta D^-\bar{D}^{*-}D_s^+\bar{\Delta}^-\Delta^-$	13114	1	20483
13116	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}D_2^{*+}\gamma$	13115	1	20484
13117	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{K}^0K^+D^+\bar{D}^{*0}$	124	1	20485
13118	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\eta\eta K^0D^{*+}\bar{D}^{*0}$	13117	1	20486
13119	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^+K^-D^+D^-$	13118	1	20487
13120	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^0$	13119	1	20488

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13121	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^0K^-D^-D^{*0}$	13120	1	20489
13122	$e^+e^- \to \pi^0\pi^0\eta D^-D_2^{*-}D_s^+\bar{\Delta}^-n$	2112	1	20490
13123	$e^+e^- \to \pi^0\rho^+\bar{K}^0K^+K^-\phi D^+D^-D^-$	13122	1	20491
13124	$e^+e^- \to \pi^-\rho^+\eta\eta\bar{K}^*K^+K^-D^-D_s^{*+}$	13123	1	20492
13125	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	2113	1	20493
13126	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^+D_2^{*-}$	13125	1	20494
13127	$e^+e^- \to \pi^0\pi^+\rho^+\omega D^-\bar{\Delta}^+\Xi_c^{*0}$	13126	1	20495
13128	$e^+e^- \to \pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^{*-}$	13127	1	20496
13129	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-K^*D^{*+}J/\psi$	13128	1	20497
13130	$e^+e^- \to \rho^+\bar{K}^*D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	13129	1	20498
13131	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}D_s^{*+}$	13130	1	20499
13132	$e^+e^- \to \pi^0\rho^+\omega\omega\bar{K}^*D^+D^-\bar{D}^{*-}$	13131	1	20500
13133	$e^+e^- \to \bar{K}^0K^-K^{*+}D^-D^{*0}\bar{D}^{*0}D_s^+$	13132	1	20501
13134	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}D_{s1}'^-$	13133	1	20502
13135	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\omega\omega D^+D^-$	13134	1	20503
13136	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega\omega D^-D^{*0}$	13135	1	20504
13137	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^+D_1'^-$	13136	1	20505
13138	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}\bar{n}\Lambda$	2114	1	20506
13139	$e^+e^- \to \mu^+\nu_\mu\eta'\bar{n}\Sigma_c^0D_1^-$	13138	1	20507
13140	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^0K^0\bar{K}^*D^{*+}\eta_c$	13139	1	20508
13141	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-\eta'D^{*+}D^{*+}$	2115	1	20509
13142	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^*D^{*+}\bar{D}^{*-}D^0$	13141	1	20510
13143	$e^+e^- \to \pi^-\eta K^0\bar{K}^0D^{*+}\bar{D}^0\bar{p}\Delta^+$	13142	1	20511
13144	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^{*+}\bar{D}^0D_{s0}^{*-}$	13143	1	20512
13145	$e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0a_1^-$	13144	1	20513
13146	$e^+e^- \to \pi^-D_s^+\Delta^+\bar{\Xi}_c^{*0}D_1'^-$	13145	1	20514
13147	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-K^-K^{*+}D^{*+}\bar{D}^{*0}$	13146	1	20515
13148	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega D^0\bar{D}^{*0}$	13147	1	20516
13149	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^+\Delta^-\bar{\Delta}^0$	13148	1	20517
13150	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0D^+D^-D^{*+}p\bar{p}$	13149	1	20518
13151	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\omega D^+D^-$	13150	1	20519
13152	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D_2^{*+}D_s^-\gamma$	13151	1	20520

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13153	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^+\Sigma^0\bar{\Sigma}^-$	13152	1	20521
13154	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+D^{*+}D^{*+}\bar{D}^{*-}$	13153	1	20522
13155	$e^+e^- \to \rho^-\eta\eta\omega\bar{K}^0K^+D^-D^{*+}$	2116	1	20523
13156	$e^+e^- \to \pi^0\pi^0K^+D^{*0}p\bar{\Sigma}_c^{--}$	13155	1	20524
13157	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^-D^-D^{*+}\bar{D}^{*0}$	13156	1	20525
13158	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\eta D^-\bar{D}^{*-}$	13157	1	20526
13159	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta K^0K^-D^+\bar{D}^{*-}$	13158	1	20527
13160	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+\psi(3770)$	13159	1	20528
13161	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-K^{*+}K^{*-}D^-D^{*+}\bar{D}^0$	13160	1	20529
13162	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta\omega D^+D^-$	13161	1	20530
13163	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0K_S\bar{D}^0J/\psi$	13162	1	20531
13164	$e^+e^- \to \rho^0\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^0D_s^+$	2117	1	20532
13165	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^*D^+D^{*+}\bar{D}^0$	13164	1	20533
13166	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\pi^-\rho^+\omega\omega D^{*+}D_2^{*+}$	2118	1	20534
13167	$e^+e^- \to \pi^0\rho^+\rho^-\omega\bar{\Delta}^0\Sigma_c^0$	13166	1	20535
13168	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega D^+D_1'^-$	13167	1	20536
13169	$e^+e^- \to \rho^0\rho^-\bar{K}^0K^{*+}D^-\bar{\Delta}^0\Sigma_c^{*+}$	13168	1	20537
13170	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\pi^+D^+\bar{D}^{*-}$	13169	1	20538
13171	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega D^+D^-n\bar{p}$	2119	1	20539
13172	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^*K^-\eta'D^+D^{*+}$	487	1	20540
13173	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-\eta K^0D^{*+}\bar{D}^{*0}$	13172	1	20541
13174	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	13173	1	20542
13175	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	13174	1	20543
13176	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-\bar{D}^{*0}\eta_c$	2121	1	20544
13177	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^{*-}D^-D^{*+}\bar{D}^0$	13176	1	20545
13178	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\omega\omega D^+D_2^{*+}$	13177	1	20546
13179	$e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^-$	13178	1	20547
13180	$e^+e^- \to e^-\bar{\nu}_eK^+D^-D_2^{*+}D^0$	13179	1	20548
13181	$e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^-D_{s0}^{*-}$	13180	1	20549
13182	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0\eta'D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	13181	1	20550
13183	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D^0$	13182	1	20551
13184	$e^+e^- \to e^-\bar{\nu}_eK^*D^0\bar{D}^{*0}D_1'^+$	13183	1	20552

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13185	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^+D^-\eta_c$	13184	1	20553
13186	$e^+e^- \to \pi^0\pi^0\rho^-\eta\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	13185	1	20554
13187	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}$	13186	1	20555
13188	$e^+e^- \to \pi^0\rho^+\omega\bar{K}^*D^-D^0\bar{D}^{*0}$	2122	1	20556
13189	$e^+e^- \to \rho^0\pi^+\rho^-K^0K^-D^{*+}D_s^{*+}D_1^-$	13188	1	20557
13190	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	13189	1	20558
13191	$e^+e^- \to \pi^+\rho^+K^-D^0\bar{D}^{*0}D_1'^-$	2123	1	20559
13192	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-D^-D^{*+}$	13191	1	20560
13193	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega K^0D_1^+$	13192	1	20561
13194	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+\bar{D}^0D_s^+$	2124	1	20562
13195	$e^+e^- \to \pi^-\eta K^0K^+K^{*-}D^{*+}\Lambda\bar{\Xi}_c'^0$	13194	1	20563
13196	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^-$	13195	1	20564
13197	$e^+e^- \to \pi^0\rho^-\eta D^+D_s^+D_1^-$	13196	1	20565
13198	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	13197	1	20566
13199	$e^+e^- \to \omega D^{*+}n\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^0$	13198	1	20567
13200	$e^+e^- \to \rho^0\pi^+D^-D_s^+n\bar{n}\bar{p}\Lambda$	13199	1	20568
13201	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-K^+K^{*-}D^{*+}\bar{D}^{*-}$	13200	1	20569
13202	$e^+e^- \to e^-\bar{\nu}_e\rho^0\omega K^-K^{*+}D^{*+}\bar{D}^0$	13201	1	20570
13203	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}$	13202	1	20571
13204	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}D^{*+}$	13203	1	20572
13205	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_0^{*+}$	13204	1	20573
13206	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}D^{*+}D_s^-\gamma$	13205	1	20574
13207	$e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^{*0}a_1^-$	13206	1	20575
13208	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\bar{D}^{*-}D_s^{*+}$	13207	1	20576
13209	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-K^+D^+D^-D^-$	13208	1	20577
13210	$e^+e^- \to \pi^-K^0D^-D^{*+}\bar{\Delta}^0\Sigma_c^+$	13209	1	20578
13211	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*0}$	13210	1	20579
13212	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^+\Delta^+\bar{\Delta}^+\Sigma^0\bar{\Xi}_c^0$	13211	1	20580
13213	$e^+e^- \to \pi^-\eta K^{*+}D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	13212	1	20581
13214	$e^+e^- \to \pi^0\rho^0\pi^-D^+D^-a_1^+$	13213	1	20582
13215	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-K^0K^{*-}D^+D^{*+}$	13214	1	20583
13216	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\eta D^-D^{*+}$	2125	1	20584

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13217	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta\eta\omega D^+D^{*+}$	13216	1	20585
13218	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-\eta' D^{*+}D_s^+$	13217	1	20586
13219	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0K^{*-}D^-D^{*+}$	13218	1	20587
13220	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^-D^{*+}\bar{\Delta}^0\Delta^+$	13219	1	20588
13221	$e^+e^- \to \pi^0\pi^0\omega D^+D^+D_s^-D_s^{*-}$	13220	1	20589
13222	$e^+e^- \to \rho^0\pi^-\eta\bar{K}^0K^*D^+D^-\bar{n}p$	13221	1	20590
13223	$e^+e^- \to \rho^0\pi^-\omega D^+\bar{D}^{*-}D_{s1}'^+$	13222	1	20591
13224	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	13223	1	20592
13225	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	13224	1	20593
13226	$e^+e^- \to \pi^+\rho^+K^0K^-D_s^+n\bar{p}D_1^-$	13225	1	20594
13227	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^-$	13226	1	20595
13228	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-D^{*0}D_s^{*+}$	13227	1	20596
13229	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}D_1'^+$	13228	1	20597
13230	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0D^+D^-D^{*+}$	13229	1	20598
13231	$e^+e^- \to \pi^0K^-\eta' D^+\bar{D}^{*-}D_s^{*+}$	13230	1	20599
13232	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega D^+D^-$	13231	1	20600
13233	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^+D^0\chi_{c2}$	13232	1	20601
13234	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+}D^0$	13233	1	20602
13235	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^+$	13234	1	20603
13236	$e^+e^- \to \pi^0\pi^-\rho^+K^*\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}$	13235	1	20604
13237	$e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}D_{s1}'^-$	13236	1	20605
13238	$e^+e^- \to \pi^0\rho^0\pi^+\eta K_S\bar{D}^{*-}\eta_c$	13237	1	20606
13239	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}$	13238	1	20607
13240	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	13239	1	20608
13241	$e^+e^- \to K^*K^{*-}D^+D^+D^-$	13240	1	20609
13242	$e^+e^- \to \rho^-\bar{K}^0K^+K^-K^{*+}\eta' D^+D^-D^{*0}$	13241	1	20610
13243	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\rho^+D^+\bar{D}^{*-}$	13242	1	20611
13244	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^+\bar{\Lambda}\Sigma_c^0\gamma$	13243	1	20612
13245	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\omega\bar{D}^{*-}$	13244	1	20613
13246	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^+D^-$	13245	1	20614
13247	$e^+e^- \to e^+\nu_e\rho^+\rho^-\eta K^*K^-D^+\bar{D}^{*-}$	13246	1	20615
13248	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\bar{K}^*D^-D^-D^{*0}$	13247	1	20616

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13249	$e^+e^- \to \bar{K}^* \bar{D}^{*-} \bar{\Delta}^0 \Delta^+ \chi_{c1}$	34	1	20617
13250	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \pi^+ \pi^+ \rho^- \eta D^{*+} \bar{D}^{*-}$	13249	1	20618
13251	$e^+e^- \to e^- \bar{\nu}_e \pi^+ K^0 \bar{K}^0 \eta' D^{*+} \bar{D}^{*-}$	13250	1	20619
13252	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \pi^- \omega D^+ D^- D_{s1}'^+$	13251	1	20620
13253	$e^+e^- \to \pi^- \rho^+ K^{*+} D^0 D^0 \bar{D}^{*0} D_s^-$	13252	1	20621
13254	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^- \omega D^{*+} D_s^{*+} D_1^-$	13253	1	20622
13255	$e^+e^- \to e^+ \nu_e \pi^+ \pi^- \pi^- \rho^+ \rho^- \omega D^{*+} D_1^-$	13254	1	20623
13256	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \pi^+ \pi^- \rho^- \eta \omega \omega D^+ \bar{D}^{*-}$	13255	1	20624
13257	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \omega \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*0}$	13256	1	20625
13258	$e^+e^- \to \rho^- D^+ D^{*+} \bar{D}^{*0} D_{s0}^{*-}$	13257	1	20626
13259	$e^+e^- \to \pi^+ K_2^{*0} K^{*-} D^{*+} \bar{D}^{*-} J/\psi$	13258	1	20627
13260	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- \pi^- K^{*+} D^+ D^- D_1^+$	2127	1	20628
13261	$e^+e^- \to \eta \bar{D}^{*-} \bar{p} \bar{\Xi}_c'^+ D_{s1}'^+$	13260	1	20629
13262	$e^+e^- \to \pi^0 \pi^- \omega K^* K^- K^{*+} D^{*+} \bar{D}^0$	2128	1	20630
13263	$e^+e^- \to \pi^- K^* D^+ \bar{D}^{*-} \bar{D}^0 D_s^{*+}$	489	1	20631
13264	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \eta \eta \omega \bar{D}^{*-} D^{*0}$	13263	1	20632
13265	$e^+e^- \to \pi^0 \pi^0 \pi^- \eta \omega K^0 K^- K^{*+} D^+ D^{*+} \bar{D}^{*-}$	13264	1	20633
13266	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \rho^- \bar{K}^0 D^- D^{*+} \bar{D}^{*-}$	13265	1	20634
13267	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- D^+ D^{*+}$	13266	1	20635
13268	$e^+e^- \to K^{*-} D^{*+} D^{*+} \bar{D}^{*-}$	13267	1	20636
13269	$e^+e^- \to \pi^+ \pi^- \rho^+ \bar{K}^* \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	13268	1	20637
13270	$e^+e^- \to e^- \bar{\nu}_e \pi^+ K^0 D^{*+} \bar{D}^{*-} D^0$	13269	1	20638
13271	$e^+e^- \to \bar{K}^0 K^{*+} D^{*+} \bar{D}^{*-} \bar{D}^{*-} D^0$	13270	1	20639
13272	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \rho^- \bar{K}^0 D^{*0} D_s^+$	13271	1	20640
13273	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \rho^- \omega \omega K^+ D^+ \bar{D}^0 \Sigma^0 \bar{\Sigma}^-$	13272	1	20641
13274	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^- \pi^- \rho^+ \bar{K}^0 D^{*+} D^{*0}$	13273	1	20642
13275	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \eta K^0 K^0 \bar{K}^* K^- D^- D^{*+}$	13274	1	20643
13276	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \pi^+ \pi^- \pi^- \eta \omega D^- D^{*+}$	13275	1	20644
13277	$e^+e^- \to \rho^0 \pi^- \rho^- \bar{K}^* K^+ D^+ D^{*0}$	13276	1	20645
13278	$e^+e^- \to \pi^0 \rho^0 \pi^- \bar{K}^0 K^* D^{*+} \bar{D}^{*-} D_{s1}'^+$	13277	1	20646
13279	$e^+e^- \to \pi^0 \pi^+ \pi^- \eta \omega \omega K^0 \bar{K}^* D^+ \bar{D}^{*-}$	13278	1	20647
13280	$e^+e^- \to \pi^0 D^{*+} n \bar{\Sigma}_c^0 a_1^-$	13279	1	20648

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13281	$e^+e^- \to K^*K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	2130	1	20649
13282	$e^+e^- \to \rho^0\pi^+\pi^-\eta\eta K^*D^{*+}n\bar{p}$	13281	1	20650
13283	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^*D^+D^-$	13282	1	20651
13284	$e^+e^- \to \rho^0\rho^-\eta D^{*+}D_2^{*+}D_s^-$	13283	1	20652
13285	$e^+e^- \to \eta\bar{K}^0D^+D^-D^{*+}D_s^{*-}\gamma$	13284	1	20653
13286	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0K^{*+}D^-D_1^+$	13285	1	20654
13287	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}n\bar{n}$	2131	1	20655
13288	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-\eta D^+D_2^{*+}$	13287	1	20656
13289	$e^+e^- \to K^-\phi D^+D^+\bar{D}^0D_s^-$	13288	1	20657
13290	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta D^-D^{*+}D^{*0}$	13289	1	20658
13291	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*0}$	13290	1	20659
13292	$e^+e^- \to \pi^0\pi^-K^*K^-D^+\bar{D}^{*0}D_s^+$	13291	1	20660
13293	$e^+e^- \to \pi^+\pi^-\omega K^-D^+D^{*+}\bar{D}^{*-}$	2132	1	20661
13294	$e^+e^- \to \pi^0\pi^0\pi^+K^{*-}D^-D^-D^{*+}D_s^{*+}$	13293	1	20662
13295	$e^+e^- \to \pi^0\pi^0\rho^-\omega K^+D^+\bar{D}^{*-}D^{*0}$	13294	1	20663
13296	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	13295	1	20664
13297	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+D^-$	13296	1	20665
13298	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^+K^-K^{*+}D^+D^-$	13297	1	20666
13299	$e^+e^- \to \rho^0\rho^-\eta\omega D^{*+}\Delta^0\bar{\Sigma}_c^0$	2133	1	20667
13300	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0$	13299	1	20668
13301	$e^+e^- \to \mu^+\nu_\mu\pi^0K^*D^+\bar{D}^{*-}\bar{D}^{*-}$	13300	1	20669
13302	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^0\bar{p}\Sigma_c^0$	13301	1	20670
13303	$e^+e^- \to \pi^-\rho^-\eta\omega K^+D^{*+}D^0\bar{D}^{*0}$	2134	1	20671
13304	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0\bar{K}^*K^+K^{*+}D^-D^0D_s^{*+}$	13303	1	20672
13305	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	13304	1	20673
13306	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}\psi'$	13305	1	20674
13307	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}$	13306	1	20675
13308	$e^+e^- \to \pi^0\rho^0\rho^-K^{*+}D^+D^-D^0$	13307	1	20676
13309	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-D^-D^{*+}D_{s1}'^-$	13308	1	20677
13310	$e^+e^- \to \rho^0\rho^-\bar{K}^0D^+D^0\bar{D}^{*0}$	2135	1	20678
13311	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^0$	13310	1	20679
13312	$e^+e^- \to \rho^0\rho^0\pi^-K^0D^+D^{*0}\bar{D}^{*0}$	13311	1	20680

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13313	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\omega\omega D^+D^-$	13312	1	20681
13314	$e^+e^- \to \rho^0\rho^+\rho^-K^0\bar{K}^*D^+D^-$	13313	1	20682
13315	$e^+e^- \to e^-\bar{\nu}_eK^0K^{*+}\phi D^+D_s^{*-}$	13314	1	20683
13316	$e^+e^- \to \pi^-\rho^+\rho^-\eta\eta\bar{K}^0K^+D^+D^-$	13315	1	20684
13317	$e^+e^- \to K_LD^-D^{*+}\eta_c$	13316	1	20685
13318	$e^+e^- \to \pi^-K^*D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	13317	1	20686
13319	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^*D^-D_s^+$	13318	1	20687
13320	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^{*+}$	13319	1	20688
13321	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D^0D_1^+$	13320	1	20689
13322	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\pi^-\rho^+\eta D^+D^{*+}$	13321	1	20690
13323	$e^+e^- \to \pi^0\pi^0\rho^+\omega K^0K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	13322	1	20691
13324	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+}$	13323	1	20692
13325	$e^+e^- \to \tau^+\nu_\tau\pi^0\eta K^0K^-D^+D^-$	13324	1	20693
13326	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	13325	1	20694
13327	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^+D^-D_s^-$	13326	1	20695
13328	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega D^+D^{*+}$	13327	1	20696
13329	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	2136	1	20697
13330	$e^+e^- \to K^*D^{*+}a_1^-\psi'$	13329	1	20698
13331	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta K^+K^-D^-D_1'^+$	13330	1	20699
13332	$e^+e^- \to \pi^+\omega K^-D^+\bar{D}^0\Delta^0\bar{\Sigma}_c^-$	13331	1	20700
13333	$e^+e^- \to \pi^+\pi^+\pi^-K^{*-}D^+D^+D^-D_s^{*-}$	13332	1	20701
13334	$e^+e^- \to D^+D^{*+}n\bar{p}D_{s1}'^-$	2137	1	20702
13335	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}$	13334	1	20703
13336	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^0$	13335	1	20704
13337	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta D^0D_1^-$	13336	1	20705
13338	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-D^+D^+$	13337	1	20706
13339	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^+\rho^-\rho^-\eta D^{*+}$	13338	1	20707
13340	$e^+e^- \to \pi^0\rho^-D^+D_s^{*+}D_1^-$	13339	1	20708
13341	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+K^-K^{*+}D^+\bar{D}^0$	13340	1	20709
13342	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\eta\eta K^-K^{*+}D^+D^+$	13341	1	20710
13343	$e^+e^- \to \pi^0\rho^0\eta K^-K^{*+}D^-D^0D_s^{*+}$	13342	1	20711
13344	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^-$	126	1	20712

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13345	$e^+e^- \to \pi^-\pi^-\omega\omega\eta' D^{*+}\bar{D}^0 D_s^+$	13344	1	20713
13346	$e^+e^- \to \eta\omega\bar{K}^0\bar{K}^* D^{*+}\bar{D}^{*-}\eta_c$	13345	1	20714
13347	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+ D^0\bar{D}^{*0}\bar{\Delta}^-\Delta^-$	13346	1	20715
13348	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-}$	13347	1	20716
13349	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+K^-K^{*+}K^{*-}D^-$	13348	1	20717
13350	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^* K^+ D^+\bar{D}^{*-}$	2139	1	20718
13351	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^0\bar{D}^0$	13350	1	20719
13352	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 K^*\bar{K}^* K^+ D^- D^{*+}$	13351	1	20720
13353	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^- D^+ D^{*+}$	13352	1	20721
13354	$e^+e^- \to \pi^+ D^+ D^- a_1^-$	13353	1	20722
13355	$e^+e^- \to \pi^-\eta\eta\omega\bar{K}^* K^{*+} D^+\bar{D}^{*-}$	13354	1	20723
13356	$e^+e^- \to \pi^0\pi^-\pi^- D^{*+} p\bar{\Sigma}_c^0$	13355	1	20724
13357	$e^+e^- \to \pi^0\rho^+\rho^- K^0 K^* D^+\bar{D}^{*0} D_s^{*-}$	13356	1	20725
13358	$e^+e^- \to \pi^0\bar{K}^0 K^+ D^- D^- D_s^{*+}$	13357	1	20726
13359	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta D^+\bar{D}^{*-}$	13358	1	20727
13360	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega\omega D^+ D^-$	13359	1	20728
13361	$e^+e^- \to \pi^0\bar{D}^{*-}\bar{D}^{*0} D_{s0}^{*+}$	2140	1	20729
13362	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-\eta D^+ D^-$	13361	1	20730
13363	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta D^+\bar{D}^{*-} D_s^{*-}\gamma$	13362	1	20731
13364	$e^+e^- \to \pi^0\bar{K}^0 K^{*+} D^-\bar{n}\Sigma_c^0$	13363	1	20732
13365	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^{*+} J/\psi D_{s0}^{*-}$	13364	1	20733
13366	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^* D^{*+}\bar{D}^{*-} D^0$	13365	1	20734
13367	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta'\bar{D}^{*0}$	13366	1	20735
13368	$e^+e^- \to \pi^-\omega K^+ D^0\bar{D}^{*0}\Sigma^0\bar{\Xi}_c'^0$	13367	1	20736
13369	$e^+e^- \to \pi^- K^0 D^{*+} D_s^+ D_s^-$	13368	1	20737
13370	$e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0\Delta^0\bar{\Sigma}_c^0\psi'$	13369	1	20738
13371	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^- D^{*+} D_1^+$	13370	1	20739
13372	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+ K^- D^+ D^{*+}\bar{D}^0$	13371	1	20740
13373	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^- D^+ D^-$	13372	1	20741
13374	$e^+e^- \to \pi^+\omega D^- D^{*+} D_s^{*-}$	13373	1	20742
13375	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	13374	1	20743
13376	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D_0^{*+} D_1^+$	2141	1	20744

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13377	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^+ D_s^- D_1^-$	13376	1	20745
13378	$e^+e^- \to e^+\nu_e\pi^+\pi^- D^{*+} D_s^- D_1^-$	13377	1	20746
13379	$e^+e^- \to e^+e^+\nu_e\nu_e\bar{D}^{*-} D_2^{*-}$	13378	1	20747
13380	$e^+e^- \to \pi^0\pi^0\pi^+ K^0 K^* \bar{K}^* \bar{D}^{*-}\psi'$	13379	1	20748
13381	$e^+e^- \to \pi^- K^0 \bar{K}^* D^{*+} D^{*+} \bar{D}^{*-} \bar{D}^0$	13380	1	20749
13382	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- \bar{K}^0 D^{*+} D^{*+} \bar{D}^{*-}\gamma$	13381	1	20750
13383	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\omega K^+ K^- D^{*+}\bar{D}^0$	13382	1	20751
13384	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^* \bar{K}^* D^{*+}\bar{D}^{*-} n\bar{n}$	13383	1	20752
13385	$e^+e^- \to \tau^+\nu_\tau K^- \phi D^+ \bar{D}^{*-}$	13384	1	20753
13386	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega K^0 K^{*-} D^{*+}\bar{D}^{*-}$	2142	1	20754
13387	$e^+e^- \to \eta K^* K^- \eta' D^+ \bar{D}^{*-} D_s^{*+}$	13386	1	20755
13388	$e^+e^- \to \pi^+\pi^+\pi^- \bar{K}^* D^- D^- D^0 D_{s1}'^+$	13387	1	20756
13389	$e^+e^- \to e^-\bar{\nu}_e D^+ \bar{D}^{*-}\bar{\Delta}^- \Delta^0$	13388	1	20757
13390	$e^+e^- \to \rho^+ \bar{K}^0 D_2^{*-} D^{*0}\bar{D}^{*0}$	13389	1	20758
13391	$e^+e^- \to \rho^-\omega D^+ \bar{D}^{*-} D_s^{*+}$	2143	1	20759
13392	$e^+e^- \to \bar{K}^* D^{*+}\bar{D}^0 D^{*0} D_s^{*-}$	13391	1	20760
13393	$e^+e^- \to \rho^+ K^* K^- D^+ D_2^{*-}\gamma$	13392	1	20761
13394	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	13393	1	20762
13395	$e^+e^- \to \pi^0\pi^-\pi^- K^0 \bar{K}^0 D^{*+} D^{*+}$	13394	1	20763
13396	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^- D^- D^{*+}$	13395	1	20764
13397	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	13396	1	20765
13398	$e^+e^- \to \pi^0\omega D^+ D^- \bar{D}^{*0}$	13397	1	20766
13399	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^- \bar{K}^0 D^- \bar{D}^{*-} D^{*0}$	491	1	20767
13400	$e^+e^- \to \pi^0\pi^+\rho^- K^0 D^+ \bar{D}^{*-}\bar{D}^0$	13399	1	20768
13401	$e^+e^- \to e^-\bar{\nu}_e D^- D^{*+} D_0^{*+}$	13400	1	20769
13402	$e^+e^- \to \pi^+\pi^+\pi^- D^- D^{*+}\bar{D}^{*-}\gamma$	13401	1	20770
13403	$e^+e^- \to \pi^0\pi^0\rho^+\eta D^{*+}\bar{D}^{*-} D_s^{*-}$	2145	1	20771
13404	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\bar{D}^{*-} D^0 D_s^{*-}$	0	1	20772
13405	$e^+e^- \to \pi^+\pi^+\eta\eta\eta\omega K^0 K^{*-} D^- D^{*0}$	2147	1	20773
13406	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^- D^- D^{*0}$	13405	1	20774
13407	$e^+e^- \to \rho^0\pi^+\eta K^+ K^- D^- D^{*+} D_s^{*-}$	13406	1	20775
13408	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+} n\bar{\Sigma}_c^0$	13407	1	20776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13409	$e^+e^- \to \pi^+\eta\bar{D}^{*-}D_s^-n\bar{n}D_1^+$	2148	1	20777
13410	$e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^0D_s^{*-}$	13409	1	20778
13411	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	13410	1	20779
13412	$e^+e^- \to \pi^+\pi^-\eta K^*K^-K^{*+}D^0D^0\bar{D}^{*0}$	2149	1	20780
13413	$e^+e^- \to D^+\bar{D}^{*-}D_s^-a_1^+\gamma$	13412	1	20781
13414	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\rho^+\omega D^-$	13413	1	20782
13415	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\rho^-K^0D^{*+}\bar{D}^0$	13414	1	20783
13416	$e^+e^- \to \omega K^+D^0D_s^+D_s^-D_1^-$	13415	1	20784
13417	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^0\bar{K}^0\bar{K}^0K^+D^+D^{*+}n\bar{p}$	2150	1	20785
13418	$e^+e^- \to \pi^0\rho^-\omega K^0K^-D^+D^{*+}$	13417	1	20786
13419	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+D^-D^-D_s^{*+}$	2151	1	20787
13420	$e^+e^- \to \rho^-\eta D^-D^{*+}D_s^+$	13419	1	20788
13421	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\Delta^0\bar{\Sigma}_c^{*0}$	13420	1	20789
13422	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta D^{*+}\bar{D}^{*-}$	493	1	20790
13423	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^0$	13422	1	20791
13424	$e^+e^- \to e^+\nu_e\pi^-\pi^-\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	2153	1	20792
13425	$e^+e^- \to \pi^+\omega\eta'D^{*+}\bar{D}^{*-}\Delta^0\bar{p}$	13424	1	20793
13426	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	13425	1	20794
13427	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^0K^+\bar{D}^0p\bar{\Sigma}_c^-$	13426	1	20795
13428	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+$	494	1	20796
13429	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^{*+}$	13428	1	20797
13430	$e^+e^- \to \rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}\gamma$	13429	1	20798
13431	$e^+e^- \to \pi^0\rho^-\omega\bar{D}^{*-}\bar{n}pD_1'^+$	13430	1	20799
13432	$e^+e^- \to \rho^0\pi^-K^*K^+K^-D^{*+}D_s^+D_s^-$	13431	1	20800
13433	$e^+e^- \to e^+\nu_e\rho^0\pi^-K^+K^{*-}D^+\bar{D}^{*-}$	13432	1	20801
13434	$e^+e^- \to \pi^0D^-D^{*+}D_s^{*+}D_s^{*-}$	13433	1	20802
13435	$e^+e^- \to \pi^+\pi^+\eta\omega\bar{D}^{*-}\bar{\Delta}^{++}\Sigma_c^+$	13434	1	20803
13436	$e^+e^- \to e^+\nu_e\rho^0\rho^-\eta\bar{K}^0K^+D^0D_1^-$	13435	1	20804
13437	$e^+e^- \to \pi^+\bar{K}^0\bar{K}^*D^-D^-D^{*+}D^{*0}$	13436	1	20805
13438	$e^+e^- \to \pi^+\rho^-\rho^-K_SD^+J/\psi$	13437	1	20806
13439	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega\omega K^0K^+K^{*-}D^+$	13438	1	20807
13440	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-}$	13439	1	20808

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13441	$e^+e^- \to \pi^0 K^0 D^{*+} \eta_c D_{s1}'^-$	13440	1	20809
13442	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \pi^- \rho^+ D^{*+} \Delta^+ \bar{\Lambda}_c^-$	13441	1	20810
13443	$e^+e^- \to \rho^0 \rho^0 \pi^- \rho^+ \eta\eta\eta\omega D^+ D^-$	13442	1	20811
13444	$e^+e^- \to \pi^0 \rho^+ \omega K^- D^+ D^- \bar{D}^{*0}$	13443	1	20812
13445	$e^+e^- \to \pi^0 \pi^+ \rho^+ \eta\omega\omega \bar{D}^{*-} \bar{D}^{*-}$	2155	1	20813
13446	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \eta\omega K^0 \bar{K}^0 K^+ \bar{D}^{*-} D^0$	13445	1	20814
13447	$e^+e^- \to \pi^0 \pi^0 \pi^+ K^- D^- D_s^+ \chi_{c0}$	13446	1	20815
13448	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \pi^+ \pi^+ \rho^- \eta D^- D^{*0}$	13447	1	20816
13449	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^- D^+ \bar{D}^{*-} n\bar{n}$	13448	1	20817
13450	$e^+e^- \to \mu^+ \nu_\mu \eta \bar{D}^{*-} \Sigma^{*0} \bar{\Xi}_c'^0$	13449	1	20818
13451	$e^+e^- \to e^- \bar{\nu}_e \eta D^{*+} \bar{p} \Sigma_c^+$	13450	1	20819
13452	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^+ \pi^- K^0 K^+ K^- K^- D^+ \bar{D}^{*-}$	13451	1	20820
13453	$e^+e^- \to \pi^+ \pi^- D^+ D_s^- K_1'^0 \gamma$	13452	1	20821
13454	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \rho^0 D^+ \bar{D}^{*0}$	13453	1	20822
13455	$e^+e^- \to \rho^0 \pi^+ \pi^+ \bar{K}^* D^- \bar{D}^{*-} D^0$	13454	1	20823
13456	$e^+e^- \to \eta \bar{K}^0 \bar{K}^* D^+ D^- D^0 \bar{D}^{*0}$	13455	1	20824
13457	$e^+e^- \to \pi^0 \pi^0 \pi^- \omega \bar{K}^0 K^* D^+ \bar{D}^0$	495	1	20825
13458	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ \rho^- D^- D^{*+}$	13457	1	20826
13459	$e^+e^- \to \tau^- \bar{\nu}_\tau \rho^+ D^+ \bar{D}^{*-}$	13458	1	20827
13460	$e^+e^- \to \pi^+ \bar{D}^{*-} D^0 D_s^+ D_s^-$	13459	1	20828
13461	$e^+e^- \to \rho^0 \pi^+ \omega K^0 \bar{K}^0 K^- D^+ \bar{D}^{*-} \bar{D}^0$	13460	1	20829
13462	$e^+e^- \to \pi^- \rho^+ \eta K^+ K^- D^+ D^- p\bar{p}$	13461	1	20830
13463	$e^+e^- \to e^+ \nu_e \pi^+ D^0 D_s^- D_1'^-$	128	1	20831
13464	$e^+e^- \to \tau^+ \nu_\tau \pi^0 \pi^0 \pi^+ \pi^- \rho^- D^{*+} D_2^{*-}$	13463	1	20832
13465	$e^+e^- \to \pi^0 \rho^0 \rho^+ \eta \bar{K}^0 D^- D^{*0} \bar{D}^{*0}$	2158	1	20833
13466	$e^+e^- \to \rho^0 \pi^+ \rho^+ D^- D^0 D_s^-$	13465	1	20834
13467	$e^+e^- \to \pi^0 \pi^+ \rho^- K^0 \bar{K}^0 D^- D^{*+} p \bar{\Lambda}_c^-$	13466	1	20835
13468	$e^+e^- \to \pi^+ \pi^- \pi^- \pi^- \rho^+ \rho^+ \eta K^0 \bar{K}^0 D^{*+} \bar{D}^{*-}$	13467	1	20836
13469	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- D^+ \bar{D}^{*-} D_{s0}^{*-}$	13468	1	20837
13470	$e^+e^- \to \rho^- \eta\eta\omega \bar{K}^0 D^{*+} D^0 \bar{D}^{*0}$	13469	1	20838
13471	$e^+e^- \to K_L D^{*+} D_{s0}^{*-} \psi'$	13470	1	20839
13472	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^- \pi^- \omega D^+ D^- \bar{n} \Lambda$	13471	1	20840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13473	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta D^+D^{*+}$	13472	1	20841
13474	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega D^-D^{*+}D_s^-$	13473	1	20842
13475	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+K^+K^-D^{*+}\bar{D}^{*-}$	13474	1	20843
13476	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\Delta^0\bar{\Xi}_c^{*-}$	13475	1	20844
13477	$e^+e^- \to e^-\bar{\nu}_e\phi D^-D_s^+D_1'^+$	13476	1	20845
13478	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^+\bar{D}^{*-}D_2^{*+}$	13477	1	20846
13479	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	13478	1	20847
13480	$e^+e^- \to \pi^-\bar{K}^*K^-D^{*+}\bar{D}^0D_s^+$	13479	1	20848
13481	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega\omega\bar{D}^{*-}\bar{D}^{*-}$	13480	1	20849
13482	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^*D^+\bar{D}^{*0}$	13481	1	20850
13483	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega D^-D^{*+}$	13482	1	20851
13484	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-K^*\bar{K}^*D^+\bar{D}^{*-}$	13483	1	20852
13485	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\bar{K}^0\Delta^+\bar{\Sigma}_c^{*0}$	13484	1	20853
13486	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^{*+}D^-D^-$	13485	1	20854
13487	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0D^{*+}\Delta^0\bar{\Xi}_c'^0$	13486	1	20855
13488	$e^+e^- \to \eta\bar{D}^{*-}n\bar{\Sigma}_c^0a_1^+$	13487	1	20856
13489	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+D^-D_s^{*-}$	13488	1	20857
13490	$e^+e^- \to \pi^-\rho^+\eta\omega K^+D^-D^{*0}D^{*0}$	13489	1	20858
13491	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta K^0D^-D^{*+}$	13490	1	20859
13492	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}$	13491	1	20860
13493	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0D^-D^{*0}$	2159	1	20861
13494	$e^+e^- \to \pi^0\pi^-D^+\bar{D}^{*-}a_1^+$	13493	1	20862
13495	$e^+e^- \to \bar{K}^0D_s^-\bar{\Delta}^0\Delta^+\bar{\Sigma}^{*0}\Sigma_c^0$	13494	1	20863
13496	$e^+e^- \to \pi^0\pi^0\rho^-K^+D^+D^-D^{*0}$	13495	1	20864
13497	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^{*-}D^{*+}\chi_{c1}$	13496	1	20865
13498	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-}$	13497	1	20866
13499	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^+D^-$	13498	1	20867
13500	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}$	13499	1	20868
13501	$e^+e^- \to \pi^-\pi^-\eta'D^{*+}\bar{D}^0D_s^{*+}$	13500	1	20869
13502	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\eta\omega K^*K^-D^+D^+$	13501	1	20870
13503	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta K^0K^0\bar{K}^0D^{*+}$	13502	1	20871
13504	$e^+e^- \to \rho^+\eta K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}\psi'$	13503	1	20872

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13505	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-\omega K^0 K^{*-} D^- D^{*0}$	13504	1	20873
13506	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0 D^{*+}\bar{D}^0 D_s^-$	13505	1	20874
13507	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega\omega\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	2160	1	20875
13508	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^- K^- D^{*+} D^{*+}\bar{D}^0$	13507	1	20876
13509	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^+ D^+\bar{D}^{*-} D^{*0}$	13508	1	20877
13510	$e^+e^- \to \bar{K}^* D^+ D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	13509	1	20878
13511	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+ K^+\eta'\bar{D}^{*-} D^{*0} D^{*0}$	2161	1	20879
13512	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	13511	1	20880
13513	$e^+e^- \to \pi^- K^0 K^0 D^{*+} D^0\bar{D}^{*0}\bar{p}\Sigma^+$	13512	1	20881
13514	$e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau D^- D^-$	2162	1	20882
13515	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0$	13514	1	20883
13516	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+ D^+\bar{D}^{*-} D_s^{*-}$	13515	1	20884
13517	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-\eta D^+ D^+$	13516	1	20885
13518	$e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^0\Delta^+\bar{\Sigma}^{*-}$	13517	1	20886
13519	$e^+e^- \to \pi^0\pi^+ D^- D^0 D_s^-\bar{\Delta}^-\Delta^0$	13518	1	20887
13520	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^{*+} D^+ D^-$	13519	1	20888
13521	$e^+e^- \to e^+\nu_e\eta D^-\bar{D}^{*-} D_s^{*+}$	13520	1	20889
13522	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\omega K^+ D^- D^{*+}$	13521	1	20890
13523	$e^+e^- \to K^+ D^- D_2^{*-} D^{*0} D_s^+$	13522	1	20891
13524	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\eta\omega D^- D^{*0}$	13523	1	20892
13525	$e^+e^- \to \bar{K}^* K^+ K^+ K^-\bar{D}^{*-} D^0 n\bar{n}$	13524	1	20893
13526	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^+ D^-\bar{D}^{*-}$	13525	1	20894
13527	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0 D^+ n\bar{\Sigma}^-$	13526	1	20895
13528	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}\Delta^-\bar{n}$	13527	1	20896
13529	$e^+e^- \to \pi^0\pi^+\rho^+ K^0\bar{K}^0 K^{*-} D^-\bar{p}\Delta^+$	13528	1	20897
13530	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\omega D^+ D^{*+}$	13529	1	20898
13531	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^0\bar{p}$	13530	1	20899
13532	$e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0 p$	13531	1	20900
13533	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-} D^0$	13532	1	20901
13534	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D_s^{*+} D_1'^-$	13533	1	20902
13535	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^+ K^- D^+\bar{D}^{*-} p\bar{p}$	13534	1	20903
13536	$e^+e^- \to \pi^0\omega\bar{K}^0 K^{*+}\bar{D}^{*-} D_s^{*-} D_1'^+$	13535	1	20904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13537	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^- D^{*+}\bar{D}^{*-}a_1^-$	13536	1	20905
13538	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\eta K^* D^{*+}\Sigma^-\bar{\Lambda}$	13537	1	20906
13539	$e^+e^- \to \pi^+\rho^- D^+ D_s^{*+} n\bar{p} D_1^-$	13538	1	20907
13540	$e^+e^- \to \omega K^0 D^{*+}\eta_c D_{s1}'^- \gamma$	13539	1	20908
13541	$e^+e^- \to K^0 D^+ D_s^- \Lambda\bar{\Sigma}_c^0$	13540	1	20909
13542	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^*\bar{K}^* D^- D^{*+}$	2163	1	20910
13543	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}$	2164	1	20911
13544	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*0}$	13543	1	20912
13545	$e^+e^- \to \pi^+ D^+\Delta^0\bar{\Sigma}_c^- D_{s0}^{*-}$	13544	1	20913
13546	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+ D^+ D^-$	13545	1	20914
13547	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+ D^- D^{*+} p\bar{\Delta}^+$	13546	1	20915
13548	$e^+e^- \to \bar{K}^0 K^+ D^- D_s^{*-} D_1'^+$	13547	1	20916
13549	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K_S D^+\psi'$	2165	1	20917
13550	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta K^+ D^-$	13549	1	20918
13551	$e^+e^- \to D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0 D_{s1}'^-$	13550	1	20919
13552	$e^+e^- \to D_2^{*-} D_s^- D_s^{*+} D_1'^+$	13551	1	20920
13553	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta K^0\bar{K}^*\eta' D^+ D^{*+}$	13552	1	20921
13554	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-} D_s^{*-}$	13553	1	20922
13555	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- D^+ D^-\bar{\Delta}^-\Delta^0$	13554	1	20923
13556	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0 K^* K^{*-} D^{*+} D_1^+$	13555	1	20924
13557	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega K^+ D^{*+} D^0\bar{D}^0$	13556	1	20925
13558	$e^+e^- \to \rho^0\pi^+\pi^-\omega\eta' D^{*+}\bar{D}^{*-}$	13557	1	20926
13559	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\omega D^- D^0$	13558	1	20927
13560	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^+ K^- D^+ D_2^{*-} D_s^+$	13559	1	20928
13561	$e^+e^- \to \rho^+\omega K^0 K^- D^+ D^-$	13560	1	20929
13562	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_s^{*+} D_1^+\gamma$	13561	1	20930
13563	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega\bar{K}^* K^+ K^+ K^{*-} K^{*-}\bar{D}^{*-} D^0$	13562	1	20931
13564	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^- K^0\bar{K}^0 D^{*+} D^{*+}$	13563	1	20932
13565	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*0}$	2166	1	20933
13566	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^{*-}$	13565	1	20934
13567	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D_2^{*+} D_s^-\gamma$	497	1	20935
13568	$e^+e^- \to e^+\nu_e K^* K^- D^{*+} D_2^{*-}$	13567	1	20936

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13569	$e^+e^- \to \pi^+\pi^+\eta D^- D^0 D_s^{*-}$	13568	1	20937
13570	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*0}$	2168	1	20938
13571	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\bar{\Delta}^+\Sigma_c^{*0}$	13570	1	20939
13572	$e^+e^- \to \pi^+K^0K^0K^{*-}D^{*+}\bar{D}^{*-}D^0$	13571	1	20940
13573	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}n\bar{p}$	13572	1	20941
13574	$e^+e^- \to \pi^0\pi^+\pi^+\eta\omega D^-\bar{D}^{*-}$	2169	1	20942
13575	$e^+e^- \to \pi^-\omega\omega D^{*+}D_s^{*+}D_1'^-$	13574	1	20943
13576	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega K^+D^+D^{*+}\bar{D}^{*-}$	13575	1	20944
13577	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^0D^+D^-D^{*+}\gamma$	13576	1	20945
13578	$e^+e^- \to e^+\nu_e\pi^0\rho^0\eta\bar{D}^{*-}\eta_c$	13577	1	20946
13579	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	13578	1	20947
13580	$e^+e^- \to \bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^{*-}$	13579	1	20948
13581	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\omega K^0K^-\bar{D}^{*-}D_0^{*+}$	13580	1	20949
13582	$e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\bar{D}^0D_s^{*-}$	13581	1	20950
13583	$e^+e^- \to \rho^0\rho^0\rho^+\rho^+D^-\bar{D}^{*-}$	13582	1	20951
13584	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\eta'\bar{D}^{*-}\chi_{c1}$	13583	1	20952
13585	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\eta D^+D^-$	13584	1	20953
13586	$e^+e^- \to \rho^0\rho^+K^-D^-D^{*+}\bar{D}^{*0}$	13585	1	20954
13587	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega K^0K^*K^{*-}D^+$	13586	1	20955
13588	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\bar{D}^{*-}D_1'^+$	13587	1	20956
13589	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	13588	1	20957
13590	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{D}^{*0}D_1'^+$	13589	1	20958
13591	$e^+e^- \to K^0D^+D^+D^-D_{s1}'^-$	13590	1	20959
13592	$e^+e^- \to \bar{K}^0\bar{K}^*K^+D^-\bar{p}\Sigma_c^{*+}$	2170	1	20960
13593	$e^+e^- \to \pi^+\rho^+\rho^-\omega K^+D^-\bar{D}^{*-}D^{*0}$	13592	1	20961
13594	$e^+e^- \to e^+\nu_e\pi^0D^-D^-\bar{\Delta}^+\Delta^{++}$	13593	1	20962
13595	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\omega\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	13594	1	20963
13596	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}$	13595	1	20964
13597	$e^+e^- \to \pi^+D^+n\bar{\Xi}_c'^-D_{s0}^{*-}$	2171	1	20965
13598	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^-D^0D_s^{*+}$	13597	1	20966
13599	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+D^+D^-$	13598	1	20967
13600	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\omega\omega K^-K^{*+}D^+D^+$	13599	1	20968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13601	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-K^+D^+\bar{D}^{*-}D^{*0}$	13600	1	20969
13602	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+D^+D^-D_s^{*+}$	13601	1	20970
13603	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+\bar{D}^{*-}D_s^{*+}$	13602	1	20971
13604	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-}$	13603	1	20972
13605	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0$	13604	1	20973
13606	$e^+e^- \to \pi^0\pi^-K^+K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	13605	1	20974
13607	$e^+e^- \to K^0K^-D^{*+}K_1^0\psi'$	13606	1	20975
13608	$e^+e^- \to e^+\nu_e\eta\omega\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	13607	1	20976
13609	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_1^-D_{s1}'^+$	13608	1	20977
13610	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\eta\eta\omega K^0K^-D^-D^-$	13609	1	20978
13611	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^0D^+\eta_c$	13610	1	20979
13612	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-pp\bar{\Delta}^{++}$	13611	1	20980
13613	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^+\bar{D}^{*-}$	13612	1	20981
13614	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^+D^-D^{*0}$	2172	1	20982
13615	$e^+e^- \to e^+\nu_e\pi^0\eta K^{*+}K^{*-}\bar{D}^{*0}D_0^{*-}$	13614	1	20983
13616	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD_2^{*+}D_2^{*-}$	13615	1	20984
13617	$e^+e^- \to \rho^0\omega\bar{K}^0D^+D^-\bar{D}^{*0}$	13616	1	20985
13618	$e^+e^- \to \pi^-\eta\omega D^+D^-\bar{\Sigma}^+\Sigma^0$	13617	1	20986
13619	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	13618	1	20987
13620	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta D^+\bar{D}^{*-}$	13619	1	20988
13621	$e^+e^- \to \pi^0\rho^-\eta\omega D^+D^+D_s^-$	13620	1	20989
13622	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1'^+$	13621	1	20990
13623	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+\bar{D}^{*0}$	13622	1	20991
13624	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\omega K^0D^+D_s^{*-}$	2173	1	20992
13625	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^+K^0D^-\bar{D}^{*-}$	13624	1	20993
13626	$e^+e^- \to \pi^-\bar{D}^0D_s^+D_s^{*-}\Lambda\bar{\Xi}^{*+}$	13625	1	20994
13627	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{D}^0D_{s1}'^+$	13626	1	20995
13628	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	13627	1	20996
13629	$e^+e^- \to \pi^0\rho^0\rho^-K^0D^+D^-D^{*+}\gamma$	13628	1	20997
13630	$e^+e^- \to \pi^0\pi^-\eta D^{*+}D^0$	13629	1	20998
13631	$e^+e^- \to \eta\bar{K}^0D^{*+}D_s^{*-}\eta_c$	13630	1	20999
13632	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^+D^-$	13631	1	21000

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13633	$e^+e^- \to \rho^0\pi^+\pi^-K^-K^{*+}D^0\bar{D}^0\bar{D}^{*0}$	13632	1	21001
13634	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D_2^{*-}D^0D_s^{*+}$	13633	1	21002
13635	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{n}\Sigma_c^0$	13634	1	21003
13636	$e^+e^- \to \pi^0\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	13635	1	21004
13637	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^*D^+D^{*+}\bar{D}^{*-}$	13636	1	21005
13638	$e^+e^- \to \bar{K}^*\bar{D}^{*-}\bar{D}^0D_s^{*+}\bar{n}\Delta^0$	13637	1	21006
13639	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^0K^+D^+D^-$	13638	1	21007
13640	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^-D^{*+}\Delta^+\bar{\Delta}^+$	13639	1	21008
13641	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-D_s^+$	13640	1	21009
13642	$e^+e^- \to \rho^0\rho^0\pi^+K^0\bar{K}^0K^*K^{*+}\bar{D}^{*-}D_s^-$	13641	1	21010
13643	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	13642	1	21011
13644	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	13643	1	21012
13645	$e^+e^- \to K^{*-}D^{*+}D^{*+}\bar{D}^{*0}D_{s1}'^-$	13644	1	21013
13646	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	13645	1	21014
13647	$e^+e^- \to \omega\bar{K}^*K^{*+}D^+\bar{D}^{*-}n\bar{p}$	498	1	21015
13648	$e^+e^- \to \pi^0\pi^+\rho^-\omega K^0D^+\Sigma^-\bar{\Lambda}$	13647	1	21016
13649	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^-D^{*+}D_s^+$	13648	1	21017
13650	$e^+e^- \to \pi^0K^{*+}D^-D^-D^0D_s^{*+}$	13649	1	21018
13651	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^+\rho^-\omega K^0\bar{D}^{*-}D_s^-$	13650	1	21019
13652	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\eta\eta K^0\bar{K}^0D^+D^{*+}$	13651	1	21020
13653	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^+K^-D^{*0}\bar{D}^{*0}$	13652	1	21021
13654	$e^+e^- \to \pi^0\rho^0\pi^+\eta K^*K^{*-}D^+\bar{D}^{*-}$	13653	1	21022
13655	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{K}^0D^-D^0\Delta^-\bar{\Lambda}$	13654	1	21023
13656	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0D^+D^-D^{*+}$	13655	1	21024
13657	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\omega\bar{K}^0D^{*+}D_s^{*+}D_s^{*-}$	13656	1	21025
13658	$e^+e^- \to \pi^-\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^0a_1^-$	13657	1	21026
13659	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+D^+D^-D^-$	13658	1	21027
13660	$e^+e^- \to \rho^0\rho^+\rho^-\omega D^+\bar{D}^{*-}p\bar{p}$	13659	1	21028
13661	$e^+e^- \to \pi^0\pi^+\rho^+\eta D^-\bar{D}^{*-}$	13660	1	21029
13662	$e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}D^0\bar{D}^{*0}p\bar{\Delta}^{++}$	13661	1	21030
13663	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\omega D^-D^{*+}$	13662	1	21031
13664	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\bar{K}^0K^*\eta'D^-D^{*+}$	13663	1	21032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13665	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\omega\omega\omega D^-D^{*0}$	13664	1	21033
13666	$e^+e^- \to \pi^0\rho^0K^0K^-D^+D^-a_1^+$	13665	1	21034
13667	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^+\eta'D^-D^{*+}$	13666	1	21035
13668	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta D^{*+}D_2^{*-}D_s^+$	13667	1	21036
13669	$e^+e^- \to \pi^0\pi^-\rho^+\eta'D^{*+}\bar{D}^{*-}$	13668	1	21037
13670	$e^+e^- \to \pi^+\pi^-D^-D_s^+D_s^{*-}D_1^+$	13669	1	21038
13671	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^-$	13670	1	21039
13672	$e^+e^- \to \pi^0\pi^+\pi^-K^-D^+D^-D^{*+}$	13671	1	21040
13673	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^-D^+D^-$	13672	1	21041
13674	$e^+e^- \to e^-\bar{\nu}_e\rho^+\omega K^*\bar{D}^{*-}D_1^+$	13673	1	21042
13675	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}\gamma$	13674	1	21043
13676	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+}$	13675	1	21044
13677	$e^+e^- \to \pi^+K^0K^+K^+K^-K^-\phi D_s^{*-}\eta_c$	2175	1	21045
13678	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega K^-\bar{D}^{*0}\chi_{c1}$	13677	1	21046
13679	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+K^0\bar{K}^*K^{*+}D^{*+}D^{*0}$	2176	1	21047
13680	$e^+e^- \to e^-\bar{\nu}_eK^0\phi D^{*+}\eta_c$	13679	1	21048
13681	$e^+e^- \to \pi^0\pi^+\omega\omega D^{*+}\bar{D}^{*-}n\bar{p}$	13680	1	21049
13682	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^-D_s^{*+}D_s^{*-}$	13681	1	21050
13683	$e^+e^- \to \pi^0\pi^-\omega\omega K^*K^-K^{*+}D^+$	13682	1	21051
13684	$e^+e^- \to \pi^0\pi^0\pi^+D^0D^{*0}p\bar{\Delta}^+\bar{\Delta}^{++}\Sigma^+$	13683	1	21052
13685	$e^+e^- \to \pi^+\pi^-\rho^+K^*K^-\bar{D}^{*-}D^{*0}a_1^+$	13684	1	21053
13686	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+D^{*0}$	13685	1	21054
13687	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^{*-}$	13686	1	21055
13688	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^{*+}D^-D^{*+}$	2177	1	21056
13689	$e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	499	1	21057
13690	$e^+e^- \to \bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_s^+$	13689	1	21058
13691	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^0\Delta^{++}\bar{\Delta}^{++}$	13690	1	21059
13692	$e^+e^- \to \rho^+K^*K^{*-}D^+n\bar{\Sigma}_c^-$	13691	1	21060
13693	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\Delta^0\bar{\Lambda}_c^-$	13692	1	21061
13694	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}D_1'^-$	13693	1	21062
13695	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+K^-p\bar{\Sigma}_c^{*--}$	2179	1	21063
13696	$e^+e^- \to \pi^0\pi^0\pi^-D^+D^-\bar{D}^0D_s^{*+}$	13695	1	21064

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13697	$e^+e^- \to \pi^+\eta K^0\bar{K}^0 D^- D^0\bar{n}\Sigma_c^0$	13696	1	21065
13698	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 D^-\bar{n}\Sigma_c^+$	13697	1	21066
13699	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^-\bar{\Delta}^+\Sigma_c^{*++}$	13698	1	21067
13700	$e^+e^- \to \tau^+\nu_\tau K^0 D^- D^{*+}\bar{D}^{*-}$	13699	1	21068
13701	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega D^- D^{*+}$	13700	1	21069
13702	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}$	13701	1	21070
13703	$e^+e^- \to \eta K^0 D^+ D^- D^{*+} n\bar{p}$	13702	1	21071
13704	$e^+e^- \to \pi^0\pi^0\rho^+\rho^- K^0\bar{K}^* K^- D^{*+}\bar{D}^{*-} D_s^+$	13703	1	21072
13705	$e^+e^- \to \rho^+\omega K^0\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^{*0}$	13704	1	21073
13706	$e^+e^- \to \rho^- D^+ D^-\bar{\Delta}^+\Delta^{++}$	13705	1	21074
13707	$e^+e^- \to \pi^+\rho^+\rho^- K^0\bar{K}^* D^- D_2^{*+} D_s^-$	13706	1	21075
13708	$e^+e^- \to \pi^0\pi^+ K^- D^- D^{*+}\bar{D}^{*0} n\bar{\Lambda}$	13707	1	21076
13709	$e^+e^- \to \pi^0\bar{K}^0 K^+ D^- D^- D^{*+} D^0$	13708	1	21077
13710	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^{*+} D^+\bar{D}^{*-} D^{*0}$	13709	1	21078
13711	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta K^* K^{*-} D^{*+}\bar{D}^{*-}$	13710	1	21079
13712	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0 D^+ D^- D^{*+}$	13711	1	21080
13713	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega D^0\bar{D}^{*0}$	13712	1	21081
13714	$e^+e^- \to \pi^0\rho^+\omega D^-\bar{D}^{*-} D_{s1}'^+$	4	1	21082
13715	$e^+e^- \to K^0 K^0 K^- D^+ D^{*+}\bar{D}^{*-}$	13714	1	21083
13716	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^{*+} J/\psi$	13715	1	21084
13717	$e^+e^- \to \pi^- K_S D^{*+} J/\psi n\bar{n}$	13716	1	21085
13718	$e^+e^- \to \rho^0\pi^-\eta\omega D^+ J/\psi K_1^0$	13717	1	21086
13719	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^- D^-\bar{D}^{*-}\bar{\Lambda}\Lambda_c^+$	13718	1	21087
13720	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}\bar{D}^{*-}$	13719	1	21088
13721	$e^+e^- \to \pi^+\pi^-\rho^- D^+ D^{*+} D_{s1}^-$	13720	1	21089
13722	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+ D^0$	13721	1	21090
13723	$e^+e^- \to \pi^+\pi^- K^0 K^- D^+\bar{D}^{*-} D_s^{*+}$	13722	1	21091
13724	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\psi(3770)$	13723	1	21092
13725	$e^+e^- \to \pi^0\pi^0\rho^+ D^- D^{*0} p\bar{\Delta}^+$	13724	1	21093
13726	$e^+e^- \to \omega D^+ D^{*+} n\bar{p}\Sigma^-\bar{\Sigma}^0$	13725	1	21094
13727	$e^+e^- \to e^+\nu_e\rho^0\pi^+ K^- K^{*+} D^- D^-$	13726	1	21095
13728	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^- D^+ D_1^+$	2181	1	21096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13729	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}\gamma$	13728	1	21097
13730	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+D^-$	2182	1	21098
13731	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^0\bar{D}^{*0}$	2183	1	21099
13732	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}D^{*0}D_s^{*-}$	13731	1	21100
13733	$e^+e^- \to \pi^0\pi^0\rho^+\eta\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	13732	1	21101
13734	$e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+D_2^{*-}D_s^{*+}$	13733	1	21102
13735	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	13734	1	21103
13736	$e^+e^- \to \bar{K}^0K^{*+}\bar{D}^{*-}D^0\bar{\Sigma}^{*0}\Xi_c^{*0}$	13735	1	21104
13737	$e^+e^- \to K^0D^{*+}\Delta^-\bar{\Delta}^0\bar{\Delta}^+\Xi_c'^+$	2184	1	21105
13738	$e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^0K^-D^-\bar{D}^{*0}\gamma$	13737	1	21106
13739	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^-D^{*+}D^{*+}$	13738	1	21107
13740	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^+D_1'^-$	13739	1	21108
13741	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	13740	1	21109
13742	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*0}$	13741	1	21110
13743	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\bar{K}^0K^*K^+D^{*+}\chi_{c1}$	13742	1	21111
13744	$e^+e^- \to \pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-}D_s^{*+}$	13743	1	21112
13745	$e^+e^- \to \pi^-\rho^+\bar{K}^*K^-K^{*+}D^+D^-\bar{D}^{*0}$	13744	1	21113
13746	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^+K^-K^{*+}D^+D^-$	2185	1	21114
13747	$e^+e^- \to \pi^+\pi^-\eta\omega D^-D^{*+}D^{*0}$	13746	1	21115
13748	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\bar{K}^0K^*D^{*+}D_1^-$	13747	1	21116
13749	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^0$	13748	1	21117
13750	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega\omega K^0\bar{K}^0D^-D^{*+}$	13749	1	21118
13751	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0\bar{D}^{*0}\chi_{c1}$	13750	1	21119
13752	$e^+e^- \to \pi^0K_Sn\bar{\Xi}_c'^0\psi'$	13751	1	21120
13753	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-D^+\bar{D}^{*-}$	13752	1	21121
13754	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}$	13753	1	21122
13755	$e^+e^- \to \pi^0\pi^+\pi^-K^+K^-K^{*-}p\bar{\Xi}_c'^0$	13754	1	21123
13756	$e^+e^- \to e^+\nu_eD^+D^-\Delta^+\bar{\Delta}^{++}$	13755	1	21124
13757	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^*D^+D^-\bar{D}^{*0}$	13756	1	21125
13758	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta D^{*+}D_1^+$	13757	1	21126
13759	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}D_0^{*+}$	13758	1	21127
13760	$e^+e^- \to \mu^+\nu_\mu\omega D^-D_2^{*-}D_s^{*+}$	13759	1	21128

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13761	$e^+e^- \to \mu^+\nu_\mu\rho^+K^-D^-D^-D^{*+}$	13760	1	21129
13762	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-K^-K^{*+}D^-D^-$	13761	1	21130
13763	$e^+e^- \to \rho^0\pi^-\rho^-\eta\omega D^+D^+$	13762	1	21131
13764	$e^+e^- \to e^+\nu_e\rho^0\bar{\Delta}^0\Sigma_c^0D_0^{*-}$	13763	1	21132
13765	$e^+e^- \to \pi^0\pi^+\eta K^0K^0K^-D^+D^0\bar{D}^0D_s^-$	13764	1	21133
13766	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0D^{*0}$	13765	1	21134
13767	$e^+e^- \to \pi^0\pi^-\rho^-\eta\eta'D^+D^{*+}$	13766	1	21135
13768	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^-K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*0}$	13767	1	21136
13769	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}$	13768	1	21137
13770	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\Delta^0\bar{p}$	13769	1	21138
13771	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^*K^+K^+K^-D^+\bar{D}^{*-}$	13770	1	21139
13772	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+p\bar{\Sigma}_c^{*--}$	13771	1	21140
13773	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^0$	13772	1	21141
13774	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^*D^+D^{*+}\bar{D}^{*-}$	13773	1	21142
13775	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^0n\bar{n}D_1'^+$	13774	1	21143
13776	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0K^{*-}D^+\bar{D}^0$	13775	1	21144
13777	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^0$	13776	1	21145
13778	$e^+e^- \to \pi^0\bar{K}^0D^-D^-D^{*+}D_s^{*+}\gamma$	13777	1	21146
13779	$e^+e^- \to \tau^+\nu_\tau\rho^-K^+K^{*-}D^+\bar{D}^{*-}$	13778	1	21147
13780	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega\bar{K}^0D^{*+}\bar{D}^{*-}$	13779	1	21148
13781	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}D_1'^+$	13780	1	21149
13782	$e^+e^- \to \pi^-\pi^-\eta K^*D^+D^+$	13781	1	21150
13783	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+}$	13782	1	21151
13784	$e^+e^- \to \rho^0\bar{K}^0\bar{K}^0K^+D^+D^-\bar{D}^{*-}$	13783	1	21152
13785	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0D^+D^-\bar{D}^{*0}$	13784	1	21153
13786	$e^+e^- \to \pi^+K^+K^-\phi\bar{D}^{*-}D^0n\bar{\Delta}^0$	13785	1	21154
13787	$e^+e^- \to \pi^0\pi^-\pi^-\eta D^+D^{*+}\Sigma^0\bar{\Sigma}^0$	13786	1	21155
13788	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega K^0\bar{K}^*D^-D^{*+}$	13787	1	21156
13789	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_s^{*+}$	13788	1	21157
13790	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-D^0$	13789	1	21158
13791	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}D_1'^-$	13790	1	21159
13792	$e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	13791	1	21160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13793	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^+ \bar{D}^{*-} D_1^+$	13792	1	21161
13794	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^-\rho^+\rho^- \bar{K}^* K^+ D^+ D^-$	13793	1	21162
13795	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\omega K^0 K^- D^{*+} \bar{D}^0$	13794	1	21163
13796	$e^+e^- \to \pi^+\eta\eta K^- D^- D^{*+} \bar{D}^{*0}$	13795	1	21164
13797	$e^+e^- \to \pi^+\pi^-\rho^- D^{*+} D_2^{*-} D_s^{*+}$	13796	1	21165
13798	$e^+e^- \to \mu^+\nu_\mu\eta \bar{D}^{*-} D^{*0}$	13797	1	21166
13799	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\pi^- D^{*+} \bar{D}^0$	13798	1	21167
13800	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^- K^* D^- D_s^{*-}$	13799	1	21168
13801	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta K^* \bar{K}^* D^- D^{*+}$	13800	1	21169
13802	$e^+e^- \to \pi^0 K^0 K^{*-} D^- D^{*+} D^0 \bar{n} p$	13801	1	21170
13803	$e^+e^- \to \pi^0\pi^- \bar{K}^* K^+ \eta' D^- D^{*+}$	13802	1	21171
13804	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^* K^- D^{*+} \bar{D}^{*-}$	13803	1	21172
13805	$e^+e^- \to \pi^0\omega D^{*+} \bar{D}^{*0} D_{s1}'^-$	13804	1	21173
13806	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^- D^+ D_1'^-$	13805	1	21174
13807	$e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+ D^{*+} \bar{D}^{*-}$	13806	1	21175
13808	$e^+e^- \to \mu^+\nu_\mu\eta K^{*-} D^+ \bar{D}^0 D_0^{*-}$	2186	1	21176
13809	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\eta' D^{*+} \bar{D}^{*0}$	13808	1	21177
13810	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0 D^+ D_1'^-$	13809	1	21178
13811	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^+\rho^- D^- \bar{D}^{*-}$	13810	1	21179
13812	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+ \bar{D}^{*-}$	13811	1	21180
13813	$e^+e^- \to \pi^-\rho^+ K^0 K^- K^- D^+ \bar{\Delta}^+ \Sigma_c^{++}$	13812	1	21181
13814	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^{*0} \bar{\Delta}^0 \Sigma_c^{*+}$	13813	1	21182
13815	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\eta D^- \bar{D}^{*-}$	13814	1	21183
13816	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^{*-} \bar{D}^{*-} D^0$	13815	1	21184
13817	$e^+e^- \to \mu^+\nu_\mu\rho^+ D^- D_1'^-$	13816	1	21185
13818	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+ D^{*+} \bar{D}^{*-}$	13817	1	21186
13819	$e^+e^- \to e^+\nu_e\eta\omega \bar{K}^0 K^+ D^- \bar{D}^{*-}$	13818	1	21187
13820	$e^+e^- \to \mu^+\nu_\mu \bar{K}^0 \bar{D}^{*-} \bar{p} \Sigma_c^+$	13819	1	21188
13821	$e^+e^- \to \rho^0\pi^+\eta K^- D^+ \bar{D}^{*-} \bar{D}^0$	13820	1	21189
13822	$e^+e^- \to \bar{D}^{*-} \bar{D}^{*-} a_1^+ a_1^+$	13821	1	21190
13823	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^0 \bar{K}^* D^{*+} \bar{D}^{*-}$	13822	1	21191
13824	$e^+e^- \to \mu^+\nu_\mu\eta D^- D^- D_{s1}'^+$	13823	1	21192

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13825	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta D_s^{*+}D_1'^-$	13824	1	21193
13826	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	13825	1	21194
13827	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^+D^{*+}$	13826	1	21195
13828	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+D^-D^0$	13827	1	21196
13829	$e^+e^- \to e^-\bar{\nu}_e\rho^-\bar{K}^0\bar{K}^0K^+K^+D^{*+}\bar{D}^{*-}$	13828	1	21197
13830	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}D_0^{*+}$	13829	1	21198
13831	$e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*+}a_0^-$	13830	1	21199
13832	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\omega K^0K^-D^+\bar{D}^0$	13831	1	21200
13833	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^{*+}n\bar{\Xi}_c'^0$	13832	1	21201
13834	$e^+e^- \to \pi^+\eta D^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}$	2187	1	21202
13835	$e^+e^- \to D^+\bar{D}^{*-}a_1^+a_1^-$	13834	1	21203
13836	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+K^*D_s^-D_1^+$	13835	1	21204
13837	$e^+e^- \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+$	13836	1	21205
13838	$e^+e^- \to \mu^+\nu_\mu K^-D^{*+}\bar{D}^0D_1^-$	13837	1	21206
13839	$e^+e^- \to \pi^-\eta\eta\omega D^+\bar{D}^{*-}D_{s1}'^+$	13838	1	21207
13840	$e^+e^- \to \rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+$	13839	1	21208
13841	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\rho^-K^0K^{*-}D^{*+}D^{*+}$	13840	1	21209
13842	$e^+e^- \to K^*K^{*-}D^+D^+D^-\bar{D}^{*0}$	13841	1	21210
13843	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\omega\eta'D^+D^-n\bar{p}\gamma$	13842	1	21211
13844	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-D^{*+}\bar{D}^{*-}$	13843	1	21212
13845	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	13844	1	21213
13846	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\omega D^-D^{*+}$	13845	1	21214
13847	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	13846	1	21215
13848	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\omega D^{*+}D^{*+}$	13847	1	21216
13849	$e^+e^- \to e^+\nu_eK^{*+}\Delta^0\bar{\Sigma}_c^-D_1^-$	13848	1	21217
13850	$e^+e^- \to \rho^0\rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	13849	1	21218
13851	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+K^0D^{*0}D_1'^-$	13850	1	21219
13852	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\bar{n}\Sigma_c^0D_1'^+$	2188	1	21220
13853	$e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^0$	13852	1	21221
13854	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega\omega K^0\bar{K}^0D^-D^0$	13853	1	21222
13855	$e^+e^- \to \pi^+\rho^+D^-D^0D_s^{*-}$	13854	1	21223
13856	$e^+e^- \to \rho^+\eta K^+K^+K^-D^-D^-D^{*0}$	13855	1	21224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13857	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega\omega D^+D^-$	13856	1	21225
13858	$e^+e^- \to e^-\bar{\nu}_e K^{*+}D^{*+}p\bar{\Sigma}_c^{--}$	13857	1	21226
13859	$e^+e^- \to \rho^0\eta\omega K^+K^-\bar{D}^{*-}D^{*0}D_{s1}'^+$	13858	1	21227
13860	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}D^{*+}n\bar{n}$	13859	1	21228
13861	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+K^-D^-D^{*+}$	2189	1	21229
13862	$e^+e^- \to \pi^0\pi^+D^+D^-D_s^-\Delta^{++}\bar{\Delta}^{++}$	13861	1	21230
13863	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0D^-D^{*+}D^{*+}$	13862	1	21231
13864	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}$	13863	1	21232
13865	$e^+e^- \to \pi^0\rho^0\omega K^0K^-D^+\Delta^+\bar{\Lambda}_c^-$	13864	1	21233
13866	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-\eta D^+D^+$	13865	1	21234
13867	$e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}\bar{D}^{*-}D_2^{*+}$	13866	1	21235
13868	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	13867	1	21236
13869	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}$	13868	1	21237
13870	$e^+e^- \to K^{*-}D^+D^-\bar{D}^0D_s^{*+}$	13869	1	21238
13871	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+\bar{\Delta}^+\Sigma_c^+$	13870	1	21239
13872	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^+D^+D^-$	13871	1	21240
13873	$e^+e^- \to D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	13872	1	21241
13874	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}D_2^{*-}D_s^+$	13873	1	21242
13875	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\eta D^{*+}D^{*+}$	13874	1	21243
13876	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0D^-D^0$	13875	1	21244
13877	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}$	13876	1	21245
13878	$e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^-D^{*+}$	13877	1	21246
13879	$e^+e^- \to \pi^+\pi^+\rho^-K^0K^*K^-D^-D_2^{*+}$	13878	1	21247
13880	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\eta'D^-D^{*+}$	13879	1	21248
13881	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+K^-K^{*-}D^{*0}\chi_{c1}$	13880	1	21249
13882	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^-D_s^{*+}$	13881	1	21250
13883	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^{*-}\bar{D}^{*-}\bar{D}^0$	13882	1	21251
13884	$e^+e^- \to K^0K^-D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0$	2190	1	21252
13885	$e^+e^- \to \tau^-\bar{\nu}_\tau K^-\bar{\Lambda}\Lambda_c^+D_1'^+$	501	1	21253
13886	$e^+e^- \to \pi^0D^+D^-D_s^{*+}a_1^-$	13885	1	21254
13887	$e^+e^- \to \rho^0\pi^-\eta D^{*+}D_2^{*-}D_s^+$	13886	1	21255
13888	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^-D^{*+}$	13887	1	21256

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13889	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\pi^-\rho^+\bar{D}^0 n\bar{p}$	13888	1	21257
13890	$e^+e^- \to \eta\omega\bar{K}^*K^{*+}\bar{D}^{*-}D_2^{*+}D_s^-$	13889	1	21258
13891	$e^+e^- \to \bar{K}^*D^-\bar{D}^0D^{*0}a_1^+$	13890	1	21259
13892	$e^+e^- \to \bar{K}^*D^-D^0\bar{D}^{*0}D_s^+$	13891	1	21260
13893	$e^+e^- \to \omega\omega\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-}$	13892	1	21261
13894	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+K^*D^{*+}D^0\bar{D}^0$	13893	1	21262
13895	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-K^0K^{*-}D^+D^-$	13894	1	21263
13896	$e^+e^- \to \tau^+\nu_\tau D^{*+}a_1^-D_1'^-\gamma\gamma$	13895	1	21264
13897	$e^+e^- \to \pi^0\pi^0\rho^+\eta\eta K^0\bar{K}^0\bar{K}^*K^+K^-D^-$	13896	1	21265
13898	$e^+e^- \to \pi^0\pi^-K^+K^{*-}D^+D^-D_s^{*+}$	13897	1	21266
13899	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0K^0\bar{K}^0D^+\bar{D}^{*0}$	13898	1	21267
13900	$e^+e^- \to \pi^0\pi^0\rho^+\eta'D^-\bar{D}^0\Sigma^0\bar{\Sigma}^{*0}$	13899	1	21268
13901	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0D^+\bar{D}^0$	13900	1	21269
13902	$e^+e^- \to \pi^+\pi^-D^-D_s^+D_s^-D_1^+$	13901	1	21270
13903	$e^+e^- \to \pi^+\pi^-K^-\eta'D^{*+}D^0\bar{D}^0\bar{D}^{*0}$	13902	1	21271
13904	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^{*+}\bar{D}^{*0}D_s^{*+}$	13903	1	21272
13905	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0p\bar{\Lambda}$	13904	1	21273
13906	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^+D_s^-\bar{n}\Delta^{++}$	13905	1	21274
13907	$e^+e^- \to e^+\nu_e\pi^0\rho^0\eta\omega\omega D^-D^0$	13906	1	21275
13908	$e^+e^- \to \pi^-\rho^+\rho^-K^+D^0\bar{D}^0\bar{D}^0D^{*0}$	13907	1	21276
13909	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\rho^-D^{*+}$	13908	1	21277
13910	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^0D^{*0}D_s^-$	13909	1	21278
13911	$e^+e^- \to \pi^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{\Delta}^-np\bar{p}$	13910	1	21279
13912	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\eta\omega\bar{K}^*\bar{D}^{*-}D^0$	13911	1	21280
13913	$e^+e^- \to \pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}a_1^+$	13912	1	21281
13914	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\omega K^+D^{*+}p\bar{\Lambda}_c^-$	13913	1	21282
13915	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+K^{*-}D^-D^{*+}$	13914	1	21283
13916	$e^+e^- \to \rho^0\rho^0\pi^+D^+D^-D_s^{*-}$	13915	1	21284
13917	$e^+e^- \to \pi^-\eta D^{*+}D_s^{*-}D_1^+$	13916	1	21285
13918	$e^+e^- \to \omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+$	13917	1	21286
13919	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\bar{D}^{*-}D^{*0}$	13918	1	21287
13920	$e^+e^- \to \rho^0\rho^+\rho^-\eta D^+\bar{D}^{*-}n\bar{n}$	13919	1	21288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13921	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta K^* D^{*+}\eta_c$	13920	1	21289
13922	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+ D^-$	13921	1	21290
13923	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+ D^-$	13922	1	21291
13924	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\Delta^-\bar{n}$	13923	1	21292
13925	$e^+e^- \to \pi^0\rho^0 D^{*+} D_s^{*-} f_0(980)$	13924	1	21293
13926	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta\eta D^+ D^-$	13925	1	21294
13927	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0 D^- D_s^+\psi'$	13926	1	21295
13928	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^0 D^+ D^+\bar{D}^{*-}$	13927	1	21296
13929	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^- D^{*+}\bar{D}^0 D_s^{*+}$	13928	1	21297
13930	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}\bar{D}^{*-}$	13929	1	21298
13931	$e^+e^- \to \bar{D}^{*-}\bar{D}^{*-} D_s^+ a_1^+$	2192	1	21299
13932	$e^+e^- \to \pi^+\rho^- K^0 K^+ K^- D^+ D^- D^0$	13931	1	21300
13933	$e^+e^- \to \rho^0\pi^+\pi^+\eta K^- K^- K^{*+}\bar{D}^{*-}\bar{D}^0 D^{*0}$	13932	1	21301
13934	$e^+e^- \to \pi^0\pi^+\bar{K}^* K^- K^{*+} D^+ D^-\bar{D}^{*-}$	2193	1	21302
13935	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^0 D^{*0} D_s^{*+}$	13934	1	21303
13936	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*0}$	13935	1	21304
13937	$e^+e^- \to \pi^+\pi^-\bar{K}^* K^+ D^+\bar{D}^{*-} D_s^-$	13936	1	21305
13938	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{K}^0 K^* D^-\bar{D}^{*-}\gamma\gamma$	13937	1	21306
13939	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0\bar{K}^0\bar{D}^{*-} D^0$	13938	1	21307
13940	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+ D_1'^-$	13939	1	21308
13941	$e^+e^- \to \rho^0 K^- D^{*+}\bar{D}^{*0} n\bar{\Sigma}_c^0$	13940	1	21309
13942	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*0}\bar{n}\Delta^0\eta_c(2S)$	13941	1	21310
13943	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}$	13942	1	21311
13944	$e^+e^- \to \pi^-\eta K^* D^- D^{*+} D^{*+}\bar{D}^0$	13943	1	21312
13945	$e^+e^- \to \rho^-\bar{K}^0 K^- K^{*+}\bar{D}^{*0} D_s^{*+}\eta_c$	13944	1	21313
13946	$e^+e^- \to \pi^0\eta K^0\bar{K}^* K^+ K^- D^+ D^-\bar{D}^{*0}$	13945	1	21314
13947	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\rho^+\bar{D}^{*-}$	2194	1	21315
13948	$e^+e^- \to \pi^0\rho^+\bar{K}^0 D^- D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	13947	1	21316
13949	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- K^{*-} D^+ D^{*+}\bar{D}^{*-}$	13948	1	21317
13950	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	13949	1	21318
13951	$e^+e^- \to e^+\nu_e\pi^+\eta\eta\bar{D}^{*-}\bar{D}^{*-}$	13950	1	21319
13952	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^* D^-\bar{\Lambda}\Lambda_c^+$	13951	1	21320

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13953	$e^+e^- \to \pi^0\rho^-\omega K^0\bar{K}^0D^+p\bar{\Sigma}_c^-$	13952	1	21321
13954	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\eta\omega D^+\bar{D}^{*-}$	13953	1	21322
13955	$e^+e^- \to \mu^+\nu_\mu J/\psi D_0^{*-}\bar{K}_1^{\prime 0}$	13954	1	21323
13956	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+K^0D^{*+}D_s^-n\bar{n}$	13955	1	21324
13957	$e^+e^- \to e^-\bar{\nu}_e\pi^0D_2^{*+}\bar{\Delta}^0\Sigma_c^{*0}$	2195	1	21325
13958	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*-}$	13957	1	21326
13959	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-\eta'D^{*+}D^{*0}$	13958	1	21327
13960	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}D_s^+$	13959	1	21328
13961	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+K^{*-}D^-D^{*+}\bar{D}^{*-}$	13960	1	21329
13962	$e^+e^- \to \pi^+\pi^-\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	13961	1	21330
13963	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\bar{K}^0\bar{K}^0D^-D_s^{*+}$	13962	1	21331
13964	$e^+e^- \to \pi^+\pi^-\rho^-K^*D_2^{*+}\bar{D}^{*0}\gamma$	13963	1	21332
13965	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0$	13964	1	21333
13966	$e^+e^- \to \rho^-K^0D_2^{*+}\bar{D}^0D^{*0}$	13965	1	21334
13967	$e^+e^- \to \pi^0K^*D_s^+D_s^-\bar{n}\Sigma_c^0$	13966	1	21335
13968	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta K^+D^+\bar{D}^0D^{*0}$	13967	1	21336
13969	$e^+e^- \to \rho^0\pi^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0\Sigma^-\bar{\Sigma}_c^{*0}$	13968	1	21337
13970	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\bar{K}^0\bar{D}^0D_s^+\bar{n}p$	13969	1	21338
13971	$e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0D^+D^-\bar{D}^0$	13970	1	21339
13972	$e^+e^- \to e^+\nu_eX_u^-\pi^-D^+$	2196	1	21340
13973	$e^+e^- \to \pi^-K^{*+}D^-D^{*+}D^{*+}a_1^-\gamma$	13972	1	21341
13974	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^{*-}D^+D^-$	13973	1	21342
13975	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-K^{*+}D^0\bar{D}^0D^{*0}$	13974	1	21343
13976	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}p\bar{p}$	13975	1	21344
13977	$e^+e^- \to \rho^0\pi^+\omega K^0D^-D^{*+}\bar{D}^{*-}$	13976	1	21345
13978	$e^+e^- \to \rho^0\pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-}p\bar{\Lambda}$	13977	1	21346
13979	$e^+e^- \to \rho^0\pi^-K^-D^{*+}D_s^{*+}n\bar{n}$	13978	1	21347
13980	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	13979	1	21348
13981	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^{*+}D^{*+}\bar{D}^0$	13980	1	21349
13982	$e^+e^- \to \pi^-\omega\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	13981	1	21350
13983	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^-D_s^{*-}\bar{n}p$	13982	1	21351
13984	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\rho^-\omega\bar{K}^0K^+D^+\bar{D}^{*-}$	13983	1	21352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
13985	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^-\omega K^{*+}D^{*+}D^{*+}$	13984	1	21353
13986	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^-D_s^{*+}\bar{\Delta}^0\Sigma_c^{*+}$	13985	1	21354
13987	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_0^{*+}D_{s1}'^+$	13986	1	21355
13988	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	13987	1	21356
13989	$e^+e^- \to \pi^+\pi^-K^0D^{*+}J/\psi a_1^-\gamma$	13988	1	21357
13990	$e^+e^- \to \mu^+\nu_\mu K_L\bar{D}^{*-}\psi'$	2197	1	21358
13991	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-D^0p\bar{\Sigma}_c^0$	13990	1	21359
13992	$e^+e^- \to \pi^0\rho^-D^-D^{*+}D_s^{*+}$	13991	1	21360
13993	$e^+e^- \to \bar{K}^*\bar{D}^{*-}\bar{\Lambda}\Xi_c'^0D_{s1}'^+$	13992	1	21361
13994	$e^+e^- \to \pi^+\pi^-\eta\omega\omega\bar{K}^*\bar{K}^*K^{*+}D^-$	13993	1	21362
13995	$e^+e^- \to \pi^+\pi^-\pi^-\eta'D^+D^-\bar{D}^0D_s^{*+}$	13994	1	21363
13996	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D_1^-\chi_{c0}$	13995	1	21364
13997	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+D^0\bar{D}^{*0}$	13996	1	21365
13998	$e^+e^- \to \pi^0K^+D^+\bar{D}^{*-}D^{*0}D_s^-$	13997	1	21366
13999	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^{*-}D^0\bar{D}^{*0}\eta_c$	13998	1	21367
14000	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*0}$	13999	1	21368
14001	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^*D^-$	14000	1	21369
14002	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta K^0K^*K^-D^+\chi_{c1}$	14001	1	21370
14003	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega\bar{K}^*K^+K^+K^-D^-D^{*+}D^{*0}$	14002	1	21371
14004	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^*K^-D^{*0}\eta_c$	14003	1	21372
14005	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0\eta'\eta'D^0\eta_c$	14004	1	21373
14006	$e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^{*+}D^{*+}$	14005	1	21374
14007	$e^+e^- \to \pi^+\rho^+\rho^-D^+\bar{D}^{*-}n\bar{p}$	14006	1	21375
14008	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-}$	2198	1	21376
14009	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	14008	1	21377
14010	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta'D^{*+}\bar{D}^0$	2199	1	21378
14011	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega K^0D^+\bar{D}^0$	14010	1	21379
14012	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega K^{*+}D^{*+}\eta_c$	14011	1	21380
14013	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^0D^{*+}\eta_c$	14012	1	21381
14014	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^+D^+\bar{D}^{*-}D^{*0}$	14013	1	21382
14015	$e^+e^- \to \pi^0\pi^+K^+K^-D^-D^{*+}D_s^{*-}$	14014	1	21383
14016	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	14015	1	21384

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14017	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\omega\omega D_2^{*-}D^{*0}D_s^{*+}\gamma$	14016	1	21385
14018	$e^+e^- \to \pi^0K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^0\bar{n}p$	14017	1	21386
14019	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-D^-D^{*+}D_s^{*+}$	14018	1	21387
14020	$e^+e^- \to \rho^0\rho^-\bar{K}^0D^{*+}D^{*+}a_1^-$	14019	1	21388
14021	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^0D_s^{*-}$	14020	1	21389
14022	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^+D^+D^-\bar{D}^{*-}$	14021	1	21390
14023	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\bar{K}^*K^+K^{*+}D^{*+}\bar{D}^{*-}$	14022	1	21391
14024	$e^+e^- \to \pi^0\pi^+K^-D^0\bar{D}^{*0}p\bar{\Sigma}_c^{*-}$	14023	1	21392
14025	$e^+e^- \to \rho^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	14024	1	21393
14026	$e^+e^- \to \rho^0\pi^-\omega K^+D^+\bar{D}^{*-}D^{*0}$	14025	1	21394
14027	$e^+e^- \to \rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}D_s^+n\bar{p}$	14026	1	21395
14028	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-D^-D^{*+}n\bar{n}$	502	1	21396
14029	$e^+e^- \to \pi^-\rho^+\eta\eta'D^-D^{*+}$	2201	1	21397
14030	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_2^{*+}$	14029	1	21398
14031	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^+D^-\bar{D}^{*-}D^{*0}$	14030	1	21399
14032	$e^+e^- \to \rho^0\rho^-K^+D^{*+}J/\psi a_1^-\gamma$	14031	1	21400
14033	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^{*-}D^+D_{s1}'^-$	14032	1	21401
14034	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-K^0K^-D^+\bar{D}^{*0}D_s^{*+}\bar{n}\Delta^+$	2202	1	21402
14035	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^*D_s^+D_0^{*-}$	14034	1	21403
14036	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^{*+}\eta_c$	2203	1	21404
14037	$e^+e^- \to \pi^0\rho^0\rho^+\bar{D}^{*-}D_2^{*+}D_s^{*-}$	14036	1	21405
14038	$e^+e^- \to \rho^-\eta\omega D^{*+}D_2^{*+}D_s^-$	14037	1	21406
14039	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta K^+\bar{D}^{*-}\bar{D}^0$	14038	1	21407
14040	$e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	14039	1	21408
14041	$e^+e^- \to e^+\nu_e\pi^+D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^{++}$	14040	1	21409
14042	$e^+e^- \to \pi^+\pi^-\pi^-K^0\chi_{c2}\bar{\Delta}^+\Sigma_c^{++}$	14041	1	21410
14043	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\omega\bar{K}^0\bar{D}^{*-}$	14042	1	21411
14044	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-}D^0$	14043	1	21412
14045	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^+\Delta^+\bar{\Xi}_c^0$	2204	1	21413
14046	$e^+e^- \to e^+\nu_eX_u^-\pi^-\omega D^+n\bar{n}$	14045	1	21414
14047	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^0D_s^{*+}$	14046	1	21415
14048	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+D^-D_1^+$	14047	1	21416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14049	$e^+e^- \to \pi^+K^0D^+\bar{D}^{*-}D^0a_1^-$	14048	1	21417
14050	$e^+e^- \to \rho^+K^0\bar{K}^0D^-D^{*+}a_1^-$	14049	1	21418
14051	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega\bar{K}^0D^+D^-\bar{D}^0$	14050	1	21419
14052	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+D^-D^{*+}$	14051	1	21420
14053	$e^+e^- \to \pi^0\pi^+\pi^+K^{*-}D^-D^0\bar{D}^0n\bar{n}$	14052	1	21421
14054	$e^+e^- \to \omega K^{*-}D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	14053	1	21422
14055	$e^+e^- \to \pi^+\pi^-K^0D_2^{*+}\bar{D}^0D^{*0}D_s^-$	14054	1	21423
14056	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\omega D^{*+}\bar{D}^{*-}$	14055	1	21424
14057	$e^+e^- \to \pi^-\eta K^0\bar{K}^0\bar{K}^*\bar{D}^0D_s^+$	14056	1	21425
14058	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-}$	14057	1	21426
14059	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}D^{*+}\bar{D}^{*-}$	14058	1	21427
14060	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega\omega D^{*+}D^{*0}$	14059	1	21428
14061	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-K^*K^-K^{*+}D^{*+}$	14060	1	21429
14062	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega K^0K^{*-}D^-D^{*+}$	2205	1	21430
14063	$e^+e^- \to \pi^+\pi^-\eta D_2^{*-}D_s^{*+}\bar{n}\Lambda$	14062	1	21431
14064	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\eta\bar{D}^{*-}D^0D_s^{*-}$	14063	1	21432
14065	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0D^{*0}$	14064	1	21433
14066	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	14065	1	21434
14067	$e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*-}a_1^+$	14066	1	21435
14068	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	14067	1	21436
14069	$e^+e^- \to \pi^0\rho^+\eta\omega D^-\bar{D}^{*-}D_{s1}'^+$	14068	1	21437
14070	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\rho^+\rho^-D^+D^-$	14069	1	21438
14071	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^+\bar{D}^{*0}D_s^-$	14070	1	21439
14072	$e^+e^- \to \pi^+\pi^-\omega K^*K^-D^+D^-D_s^+$	14071	1	21440
14073	$e^+e^- \to \pi^-K^-K^{*+}D^+D^0\bar{D}^{*0}$	14072	1	21441
14074	$e^+e^- \to \rho^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	14073	1	21442
14075	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	14074	1	21443
14076	$e^+e^- \to \rho^+D^+D^-\Lambda\bar{\Lambda}_c^-$	14075	1	21444
14077	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^-D_s^+J/\psi$	14076	1	21445
14078	$e^+e^- \to e^+\nu_e\omega K^0\bar{D}^{*-}\bar{D}^0D^{*0}$	14077	1	21446
14079	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}\bar{\Delta}^0\Sigma_c^0$	14078	1	21447
14080	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D_2^{*+}$	14079	1	21448

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14081	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\omega D^+D^{*+}n\bar{p}$	14080	1	21449
14082	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-D^+D^{*+}$	14081	1	21450
14083	$e^+e^- \to \rho^0\rho^+K^-D^+D^-\bar{D}^{*0}$	14082	1	21451
14084	$e^+e^- \to \pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-}D_s^+\gamma$	14083	1	21452
14085	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^{*+}\psi'$	14084	1	21453
14086	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-}D_1'^+$	14085	1	21454
14087	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-K^0K^+\bar{D}^{*-}D^{*0}$	14086	1	21455
14088	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^+\bar{D}^{*-}$	14087	1	21456
14089	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^{*+}\Delta^0\bar{\Sigma}_c^-$	14088	1	21457
14090	$e^+e^- \to K_SK^{*-}D^+\bar{D}^0J/\psi$	14089	1	21458
14091	$e^+e^- \to \pi^-\omega K^+D^+D^+D^-a_1^-$	14090	1	21459
14092	$e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^{*-}n\bar{n}\gamma$	14091	1	21460
14093	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+D^-D^0$	14092	1	21461
14094	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-\bar{n}p$	14093	1	21462
14095	$e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0$	14094	1	21463
14096	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^{*0}D_1'^-$	2206	1	21464
14097	$e^+e^- \to e^-\bar{\nu}_eK^+\bar{D}^{*-}D^{*0}D_0^{*+}$	14096	1	21465
14098	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta\eta\bar{K}^*K^{*+}D^0\bar{D}^0$	14097	1	21466
14099	$e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^0D_1^-$	14098	1	21467
14100	$e^+e^- \to e^+e^+\nu_e\nu_eD^-D_1^-$	503	1	21468
14101	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\eta'D^-D^{*0}$	14100	1	21469
14102	$e^+e^- \to K^-D^+\bar{D}^{*-}a_1^+\gamma$	14101	1	21470
14103	$e^+e^- \to D^-D_2^{*-}D_s^+a_1^+$	14102	1	21471
14104	$e^+e^- \to \pi^0K^0K^0K^-D^+D^-D^{*+}$	14103	1	21472
14105	$e^+e^- \to \pi^+\rho^-K^0\bar{K}^*\eta'D^+D^{*0}D_{s0}^{*-}$	14104	1	21473
14106	$e^+e^- \to \rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*0}$	14105	1	21474
14107	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}D^0D_s^{*-}$	14106	1	21475
14108	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega D^+\bar{D}^0$	14107	1	21476
14109	$e^+e^- \to \pi^0\pi^-K^0K^-K^{*+}D^{*+}\eta_c$	14108	1	21477
14110	$e^+e^- \to \pi^0\rho^+\rho^-\eta K^{*+}D^0D^{*0}D_s^-$	14109	1	21478
14111	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta K^*K^+K^{*-}D^+$	14110	1	21479
14112	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}a_1^+$	14111	1	21480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14113	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}D^0n\bar{n}$	14112	1	21481
14114	$e^+e^- \to \rho^0\pi^-\eta\omega K^*D^+D^{*0}\bar{D}^{*0}$	14113	1	21482
14115	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	14114	1	21483
14116	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^+D_s^{*-}D_1'^-$	14115	1	21484
14117	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-D^{*+}D_s^{*-}p\bar{p}$	14116	1	21485
14118	$e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{K}^*K^+D^-D^0D_s^-$	14117	1	21486
14119	$e^+e^- \to \omega\bar{K}^*K^-D^{*+}n\bar{\Sigma}_c^{*0}$	14118	1	21487
14120	$e^+e^- \to \pi^0\rho^0\pi^-D^+D^+\bar{D}^0D_s^{*-}$	14119	1	21488
14121	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^{*+}K^{*-}D^+\bar{D}^{*0}$	14120	1	21489
14122	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0}$	2208	1	21490
14123	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+D^{*+}\Delta^0\bar{\Delta}^+$	14122	1	21491
14124	$e^+e^- \to \bar{K}^0\bar{K}^0K^+D^-D^-D^{*+}$	14123	1	21492
14125	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta K^*D^{*+}\bar{D}^{*-}$	14124	1	21493
14126	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\eta'D^+D^-D_s^{*-}$	14125	1	21494
14127	$e^+e^- \to e^+\nu_e\pi^0\rho^-D^+D^-$	14126	1	21495
14128	$e^+e^- \to \pi^+\pi^-\eta K^*K^+K^-D^+\bar{D}^{*-}D^0$	14127	1	21496
14129	$e^+e^- \to \pi^0\rho^0\rho^+\bar{D}^{*-}D_2^{*+}D_s^{*-}\gamma$	14128	1	21497
14130	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\Delta^-\bar{n}$	14129	1	21498
14131	$e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	14130	1	21499
14132	$e^+e^- \to \pi^+\pi^-\rho^+\omega\omega K^0K^*\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	14131	1	21500
14133	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^-D^+\bar{p}\Sigma_c^{++}$	14132	1	21501
14134	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0K^+K^-D^+D^-$	14133	1	21502
14135	$e^+e^- \to \rho^-K^+K^-\bar{D}^0D^{*0}\bar{n}\Sigma_c^{*+}$	14134	1	21503
14136	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^{*0}$	14135	1	21504
14137	$e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	14136	1	21505
14138	$e^+e^- \to \rho^0\pi^-\eta'D^{*+}n\bar{\Sigma}_c^0$	14137	1	21506
14139	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0$	14138	1	21507
14140	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^0\bar{K}^0K^+D^{*+}$	14139	1	21508
14141	$e^+e^- \to \pi^0K_LK^*K^-D^+\eta_c$	14140	1	21509
14142	$e^+e^- \to \rho^-K^0\bar{K}^0D^+D^-a_1^+$	14141	1	21510
14143	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^0$	14142	1	21511
14144	$e^+e^- \to K^*D^+D^0\bar{D}^0D_s^-$	14143	1	21512

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14145	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^{*0}$	14144	1	21513
14146	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-}$	2209	1	21514
14147	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^+D^-\gamma$	14146	1	21515
14148	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\bar{K}^0K^*D^{*+}D_2^{*+}$	14147	1	21516
14149	$e^+e^- \to \omega K^0D_s^-D_s^{*+}\bar{\Lambda}\Xi_c^0$	2210	1	21517
14150	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^+D^{*+}\bar{D}^{*-}$	14149	1	21518
14151	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^0D^+\bar{D}^{*-}D_s^{*-}$	14150	1	21519
14152	$e^+e^- \to \pi^0\pi^+\eta\eta K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}J/\psi$	14151	1	21520
14153	$e^+e^- \to \pi^0\rho^0K^0D^+D^-D_2^{*+}D_s^-$	2211	1	21521
14154	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^-D^{*+}$	14153	1	21522
14155	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^+D^-D^0D_s^{*-}$	2212	1	21523
14156	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-K^*D^{*+}$	14155	1	21524
14157	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}D^{*0}D_s^{*-}$	14156	1	21525
14158	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}D_s^{*-}$	14157	1	21526
14159	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-K^+\eta'D^+D^-D^{*0}$	14158	1	21527
14160	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-}$	14159	1	21528
14161	$e^+e^- \to \pi^-\pi^-K^+\eta'D^+\chi_{c2}n\bar{n}$	14160	1	21529
14162	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\rho^-D^+D^-\bar{n}p$	2213	1	21530
14163	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^0K^0K^-\phi D^{*+}D_s^{*-}$	14162	1	21531
14164	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta K^0K^-D^{*+}D_2^{*-}$	14163	1	21532
14165	$e^+e^- \to \pi^-\rho^+\eta K^{*+}K^{*-}\eta'D^-D^{*+}\bar{D}^{*0}$	14164	1	21533
14166	$e^+e^- \to \rho^0\rho^0\rho^-\omega\omega K^0D^+D^+D_s^-$	14165	1	21534
14167	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\omega D^+D^{*+}$	14166	1	21535
14168	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^*D^{*+}D^{*+}\bar{D}^{*-}$	14167	1	21536
14169	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^0$	14168	1	21537
14170	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-\bar{\Delta}^0\Xi_c^+$	14169	1	21538
14171	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta K^+K^-D^-D^0$	14170	1	21539
14172	$e^+e^- \to \pi^-K^{*+}D^+D^-D^0$	14171	1	21540
14173	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^0K^{*+}D^-D_2^{*+}$	14172	1	21541
14174	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0K^*K^+K^{*-}D^+D_1'^-$	504	1	21542
14175	$e^+e^- \to \pi^0\rho^+D^+D_2^{*-}D_s^-$	14174	1	21543
14176	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\omega D^-\bar{p}\Xi_c^0$	14175	1	21544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14177	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^0D^-D^0D_1'^-$	14176	1	21545
14178	$e^+e^- \to e^+\nu_eK^-\phi D^+\bar{D}^{*-}$	14177	1	21546
14179	$e^+e^- \to \pi^+\pi^-K^+D^+\bar{D}^{*-}D^0D_s^-$	14178	1	21547
14180	$e^+e^- \to \pi^-\pi^-D^+\bar{D}^{*0}D_s^{*+}$	14179	1	21548
14181	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0D^+\bar{D}^{*-}$	14180	1	21549
14182	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^+K^+D^-D^{*+}$	14181	1	21550
14183	$e^+e^- \to \rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	14182	1	21551
14184	$e^+e^- \to \bar{K}^*D^{*+}n\bar{\Xi}_c'^0a_1^-$	505	1	21552
14185	$e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^{*-}D_{s1}^+$	14184	1	21553
14186	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	14185	1	21554
14187	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\rho^-\eta D_2^{*+}$	14186	1	21555
14188	$e^+e^- \to \pi^0\pi^+\pi^+K^+K^-D^-D^-$	14187	1	21556
14189	$e^+e^- \to \pi^+\eta\omega\omega D^-D_2^{*-}D_s^+$	14188	1	21557
14190	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^+K^{*-}D^+D^-\bar{D}^0$	14189	1	21558
14191	$e^+e^- \to \rho^0\rho^-D^+D_s^+D_1^-$	14190	1	21559
14192	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	14191	1	21560
14193	$e^+e^- \to e^+\nu_eX_u^-K^0K^-D^{*+}$	14192	1	21561
14194	$e^+e^- \to \rho^0\pi^-\eta'D^{*+}\bar{D}^{*-}D_s^{*+}$	14193	1	21562
14195	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^-\eta\bar{K}^0K^+D^+\bar{D}^0D_s^+$	14194	1	21563
14196	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0K^*\bar{K}^*D^+D^-$	14195	1	21564
14197	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^0$	14196	1	21565
14198	$e^+e^- \to e^+\nu_eD^0\Lambda\bar{\Lambda}D_0^{*-}$	14197	1	21566
14199	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\bar{p}\bar{p}\Delta^{++}\Sigma_c^0$	14198	1	21567
14200	$e^+e^- \to \pi^-\eta K^0K^0K^{*-}\eta'D^+D^+\bar{D}^0$	14199	1	21568
14201	$e^+e^- \to \mu^+\nu_\mu D^+\bar{n}\Sigma^{*-}D_1^-$	14200	1	21569
14202	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-}$	14201	1	21570
14203	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0\bar{D}^{*-}D^{*0}$	14202	1	21571
14204	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD_1^+D_1^-$	14203	1	21572
14205	$e^+e^- \to \pi^+K^+D^-\bar{D}^{*-}D^{*0}n\bar{n}$	14204	1	21573
14206	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*0}$	14205	1	21574
14207	$e^+e^- \to \omega\bar{K}^*K^+D^+D^-D^-D^{*0}$	14206	1	21575
14208	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega D^-\bar{D}^{*0}$	14207	1	21576

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14209	$e^+e^- \to e^+\nu_e\eta K^0 D^+ \bar{D}^{*-}\bar{p}\Lambda$	14208	1	21577
14210	$e^+e^- \to \pi^0\pi^+\pi^- K_S \bar{D}^{*-} J/\psi \bar{\Delta}^+\Delta^{++}$	14209	1	21578
14211	$e^+e^- \to \rho^0\pi^- K^+K^- D^{*+}D^{*+}a_1^-$	14210	1	21579
14212	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-\bar{D}^{*-}$	14211	1	21580
14213	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^0\bar{K}^*\bar{K}^* D^- D^{*+}\bar{D}^{*-}$	14212	1	21581
14214	$e^+e^- \to \pi^+\pi^-\bar{K}^* K^{*+} D^+\bar{D}^{*-} D_s^{*-}$	14213	1	21582
14215	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega D^- D^-$	14214	1	21583
14216	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta D^- D^{*+} D_{s1}'^-$	14215	1	21584
14217	$e^+e^- \to \pi^+\rho^+ D_2^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	14216	1	21585
14218	$e^+e^- \to \pi^+\eta\bar{K}^0 K^+ K^{*+} K^{*-} D^-\bar{D}^{*-}$	14217	1	21586
14219	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}$	14218	1	21587
14220	$e^+e^- \to D^+\bar{D}^{*-} D_s^+ D_s^-$	14219	1	21588
14221	$e^+e^- \to \pi^0\omega K^0 K^0\bar{D}^0 D^{*0}\bar{D}^{*0}$	14220	1	21589
14222	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-} n\bar{n}$	14221	1	21590
14223	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\chi_{c1}$	14222	1	21591
14224	$e^+e^- \to \pi^- D^{*+}\bar{D}^0 D_s^{*+} a_1^-$	14223	1	21592
14225	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\omega\bar{K}^0\bar{D}^{*-}$	2216	1	21593
14226	$e^+e^- \to \pi^+\rho^+\rho^- K^0\bar{K}^0\bar{K}^0 K^* K^{*-} D^- D^{*+}$	2217	1	21594
14227	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^- K^0 K^- D^+\bar{D}^{*-}$	14226	1	21595
14228	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- K_S D^+\psi'$	14227	1	21596
14229	$e^+e^- \to e^-\bar{\nu}_e K^+ D^- D^{*0} D_1^+$	2218	1	21597
14230	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^- D^{*+} D_0^{*-}$	14229	1	21598
14231	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0\bar{K}^0 D^+\bar{D}^{*-}$	14230	1	21599
14232	$e^+e^- \to e^+\nu_e\rho^+\rho^+\rho^- D^-\bar{D}^{*-}$	14231	1	21600
14233	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^0 D_s^{*+}$	14232	1	21601
14234	$e^+e^- \to \pi^0\pi^- K^+ D^{*+} a_1^-\psi(3770)$	14233	1	21602
14235	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-} D_s^{*-}$	14234	1	21603
14236	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+ K^- D^+ D^- D^-$	14235	1	21604
14237	$e^+e^- \to \pi^0\rho^0\rho^+\omega K^* D^- J/\psi$	14236	1	21605
14238	$e^+e^- \to \pi^-\rho^-\bar{K}^* K^{*+} D^+ D^- D_s^+$	14237	1	21606
14239	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^- D^{*+}$	2219	1	21607
14240	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- K^0 D^+ D^{*+}\bar{D}^0$	14239	1	21608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14241	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega D^+\bar{D}^{*-}$	14240	1	21609
14242	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{\Delta}^0\Sigma_c^+D_1^-$	14241	1	21610
14243	$e^+e^- \to \pi^0\pi^+K^*D^+\bar{D}^{*-}D^0D_s^-$	14242	1	21611
14244	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^*D^+D_s^-$	14243	1	21612
14245	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^*D^+D^-D^-$	14244	1	21613
14246	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^*D^-$	14245	1	21614
14247	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-D^+D_1'^+$	14246	1	21615
14248	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}D^{*0}D^{*0}$	14247	1	21616
14249	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0K^{*-}D^{*+}$	14248	1	21617
14250	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^{*0}p\bar{p}$	14249	1	21618
14251	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0D_{s1}^+$	2220	1	21619
14252	$e^+e^- \to \pi^+\bar{D}^{*-}D_2^{*+}D_s^-\bar{n}\Delta^0$	14251	1	21620
14253	$e^+e^- \to \pi^0\rho^-\eta K^+K^-K^{*+}D^+D^-D^0$	14252	1	21621
14254	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^0D_s^-$	14253	1	21622
14255	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\eta'D^-D^{*+}$	14254	1	21623
14256	$e^+e^- \to \pi^0\rho^-D^+D^{*+}p\bar{p}a_1^-$	14255	1	21624
14257	$e^+e^- \to D^{*+}\bar{D}^0\Sigma^{*0}\bar{\Sigma}^{*0}D_{s1}'^-$	14256	1	21625
14258	$e^+e^- \to \pi^0\rho^+K^{*-}D^0D_s^-D_s^{*+}$	14257	1	21626
14259	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+D^-\bar{n}p$	14258	1	21627
14260	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}$	14259	1	21628
14261	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0$	14260	1	21629
14262	$e^+e^- \to \rho^-\eta K^*D^-D^{*+}D^{*+}$	14261	1	21630
14263	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^{*+}D^0n\bar{n}$	14262	1	21631
14264	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^+D^-D^{*+}$	14263	1	21632
14265	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\omega D^+\bar{D}^{*-}$	14264	1	21633
14266	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-D^{*+}D^{*0}$	14265	1	21634
14267	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}$	14266	1	21635
14268	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta K^+K^{*-}\bar{D}^{*-}D_1^+$	506	1	21636
14269	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}a_1^+$	14268	1	21637
14270	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	14269	1	21638
14271	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\eta\eta\eta D^-\bar{D}^{*-}$	14270	1	21639
14272	$e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^{*0}$	14271	1	21640

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14273	$e^+e^- \to e^-\bar{\nu}_e D^+ \bar{D}^{*-} \bar{\Delta}^0 p$	14272	1	21641
14274	$e^+e^- \to \mu^+\nu_\mu \pi^0 \rho^0 \pi^- K^+ D^- \bar{D}^{*0}$	14273	1	21642
14275	$e^+e^- \to \pi^0 \pi^- \bar{K}^0 D^{*+} D^{*0} \bar{D}^{*0}$	14274	1	21643
14276	$e^+e^- \to e^-\bar{\nu}_e D^+ \bar{D}^{*-} \bar{p} \Delta^{++}$	14275	1	21644
14277	$e^+e^- \to \rho^0 \pi^- \rho^+ K^0 K^+ K^- D^{*+} \bar{D}^{*-} D^{*0}$	14276	1	21645
14278	$e^+e^- \to \pi^0 \pi^- \omega K^0 \bar{K}^0 K^{*+} D^+ \bar{D}^{*-} D^{*0}$	14277	1	21646
14279	$e^+e^- \to \pi^+ \pi^- \pi^- \bar{K}^* D^{*+} J/\psi n \bar{n}$	14278	1	21647
14280	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- D^+ \bar{D}^0 D_s^- D_s^{*+}$	14279	1	21648
14281	$e^+e^- \to \tau^+\nu_\tau \rho^0 \pi^+ K^- D^+ D^- \bar{D}^{*-}$	14280	1	21649
14282	$e^+e^- \to K^* D^- D^- D^{*+} D_s^+$	14281	1	21650
14283	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- \rho^- K^+ K^+ K^- D^{*+} \bar{D}^0$	14282	1	21651
14284	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- K^* K^{*+} K^{*-} D^+ a_0^-$	14283	1	21652
14285	$e^+e^- \to \tau^-\bar{\nu}_\tau \eta n \bar{\Sigma}_c^0 D_1'^+$	14284	1	21653
14286	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- D^+ D^{*+} n \bar{p}$	14285	1	21654
14287	$e^+e^- \to \rho^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^- \eta D^+ \bar{D}^{*-}$	14286	1	21655
14288	$e^+e^- \to \pi^+ \pi^- \rho^+ \bar{D}^{*-} \bar{D}^{*0} \Delta^0 \bar{\Delta}^0$	14287	1	21656
14289	$e^+e^- \to \pi^0 \pi^+ \rho^- \omega K^0 \bar{K}^0 D^+ \bar{D}^{*-}$	14288	1	21657
14290	$e^+e^- \to \pi^+ \pi^+ \omega D^+ \bar{D}^{*-} n \bar{p} \Sigma^0 \bar{\Sigma}^-$	14289	1	21658
14291	$e^+e^- \to \bar{K}^0 D^- D^{*+} \bar{D}^{*-} D_s^{*+}$	14290	1	21659
14292	$e^+e^- \to \rho^0 \eta \omega \bar{K}^0 K^+ D^- D^{*+} a_1^-$	14291	1	21660
14293	$e^+e^- \to \pi^0 \pi^+ \pi^- K^0 K^0 K^* D^+ D_s^- J/\psi$	14292	1	21661
14294	$e^+e^- \to \rho^+ \bar{K}^0 \eta' D^- D_s^- D_s^{*+}$	14293	1	21662
14295	$e^+e^- \to \mu^+\nu_\mu \eta \bar{D}^{*-} \bar{D}^{*0}$	14294	1	21663
14296	$e^+e^- \to \mu^+\nu_\mu \pi^0 \pi^0 K^- \bar{D}^{*-} \bar{\Sigma}^0 \Xi_c^{*+}$	14295	1	21664
14297	$e^+e^- \to e^-\bar{\nu}_e \pi^+ \pi^+ \pi^- \omega \omega \eta' D^{*+} \bar{D}^{*-}$	2222	1	21665
14298	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+ \pi^- K^+ D^+ \bar{D}^{*-} D^{*0}$	14297	1	21666
14299	$e^+e^- \to \pi^0 \pi^+ \pi^+ \eta K^- D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	14298	1	21667
14300	$e^+e^- \to \pi^0 \pi^0 D^+ \bar{D}^{*-} D_s^- \bar{n} p$	14299	1	21668
14301	$e^+e^- \to K_L D^- D_s^{*+} J/\psi$	14300	1	21669
14302	$e^+e^- \to \pi^0 K^0 K^- D^{*+} \bar{D}^0 D^{*0} n \bar{n}$	14301	1	21670
14303	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ \rho^- D^- D^{*0} \bar{n} p$	14302	1	21671
14304	$e^+e^- \to \pi^0 \pi^0 \pi^- D^{*+} D^0$	14303	1	21672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14305	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^+D^-$	14304	1	21673
14306	$e^+e^- \to \pi^0K^{*+}D^-D^0D_s^{*-}D_1'^+$	14305	1	21674
14307	$e^+e^- \to \pi^0\rho^0\pi^-\eta\eta K^+K^{*-}D^+\bar{D}^{*0}$	14306	1	21675
14308	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{D}^{*-}D^{*0}$	14307	1	21676
14309	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0K^*\bar{K}^*D^{*+}$	14308	1	21677
14310	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*0}p\bar{p}$	14309	1	21678
14311	$e^+e^- \to \rho^0\omega D^+\bar{D}^{*0}n\bar{\Delta}^+$	14310	1	21679
14312	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^-D^{*0}\bar{D}^{*0}$	14311	1	21680
14313	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0$	14312	1	21681
14314	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^0K^-D^{*+}\bar{D}^{*-}$	14313	1	21682
14315	$e^+e^- \to \rho^0\rho^+\rho^-K^0K^+D_s^-J/\psi$	14314	1	21683
14316	$e^+e^- \to \pi^0\pi^-D^+J/\psi n\bar{n}K_1^0$	14315	1	21684
14317	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^0\bar{D}^0$	14316	1	21685
14318	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^-D_s^{*+}$	14317	1	21686
14319	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega\omega\bar{K}^0\bar{K}^*\bar{D}^{*-}D_s^{*+}$	14318	1	21687
14320	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^-D^{*+}D_s^{*+}$	14319	1	21688
14321	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-\bar{\Sigma}^+\Sigma^0D_0^{*-}$	14320	1	21689
14322	$e^+e^- \to \pi^+\pi^+K^{*-}D^+D^-D^{*0}D_{s1}'^-$	14321	1	21690
14323	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^0$	14322	1	21691
14324	$e^+e^- \to \pi^-\rho^+D^-D^0D_s^+$	14323	1	21692
14325	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\omega K^*K^{*-}D^-D^{*+}$	14324	1	21693
14326	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	14325	1	21694
14327	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^+\eta'D^-D^{*0}$	14326	1	21695
14328	$e^+e^- \to \pi^-\eta\eta\bar{K}^0K^*D^+D^-\bar{\Delta}^-\Delta^0$	14327	1	21696
14329	$e^+e^- \to \pi^-\pi^-\rho^+K^{*+}D^+D^-D^{*0}$	14328	1	21697
14330	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-}\bar{n}p$	14329	1	21698
14331	$e^+e^- \to \rho^+\bar{K}^0K^+K^-\bar{D}^{*-}J/\psi$	14330	1	21699
14332	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^0\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	14331	1	21700
14333	$e^+e^- \to \pi^+\eta D^-D^0\bar{\Delta}^+\Sigma^+$	14332	1	21701
14334	$e^+e^- \to \pi^-\rho^+\rho^+D^-J/\psi\bar{K}_1^0$	14333	1	21702
14335	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\bar{D}^{*-}\bar{D}^0D_s^+$	14334	1	21703
14336	$e^+e^- \to \pi^-K^0K^*\bar{K}^*D^+D^+\bar{D}^{*-}$	2223	1	21704

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14337	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	14336	1	21705
14338	$e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^0D^{*+}D_s^{*+}D_s^{*-}$	14337	1	21706
14339	$e^+e^- \to \omega D^{*+}p\bar{\Sigma}_c^{*-}a_1^-$	14338	1	21707
14340	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^*D^+n\bar{\Xi}_c'^-$	14339	1	21708
14341	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-p$	14340	1	21709
14342	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	14341	1	21710
14343	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\rho^-D^+\bar{D}^0$	14342	1	21711
14344	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^0p\bar{p}$	14343	1	21712
14345	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta D^{*+}\bar{D}^{*-}$	14344	1	21713
14346	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^-D^{*0}\bar{D}^{*0}$	14345	1	21714
14347	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}p\bar{\Delta}^{++}$	14346	1	21715
14348	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\bar{K}^0K^*\eta'D^{*+}\bar{D}^{*-}$	2224	1	21716
14349	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^+D^-$	2225	1	21717
14350	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\chi_{c0}$	2226	1	21718
14351	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-}D^{*0}n\bar{\Delta}^0$	14350	1	21719
14352	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D_{s1}'^+\psi(3770)$	14351	1	21720
14353	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-K^+K^-D^-D^{*+}$	14352	1	21721
14354	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^0D_s^{*-}\Lambda\bar{\Sigma}^-$	14353	1	21722
14355	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\eta'D^{*+}\bar{D}^{*-}n\bar{n}$	14354	1	21723
14356	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*0}$	14355	1	21724
14357	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+D^-\Delta^-\bar{n}$	14356	1	21725
14358	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}$	14357	1	21726
14359	$e^+e^- \to \pi^-\pi^-\omega\bar{K}^*K^+K^-D^+\bar{\Sigma}^{*0}\Sigma_c^{*+}$	14358	1	21727
14360	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega\omega K^+K^{*-}D^{*+}\bar{D}^{*-}$	14359	1	21728
14361	$e^+e^- \to \pi^-\pi^-K^0\eta'D^+D^{*+}\bar{D}^0$	14360	1	21729
14362	$e^+e^- \to \pi^0\pi^0\rho^+\omega K^-D^-\bar{\Lambda}\Sigma_c^+$	14361	1	21730
14363	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\bar{K}^*K^-\bar{D}^0D_s^+$	14362	1	21731
14364	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}D_s^+$	14363	1	21732
14365	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^{*-}D^+D^0$	14364	1	21733
14366	$e^+e^- \to \pi^-\bar{K}^0\bar{K}^0\bar{K}^0K^{*+}D^-D_s^{*+}$	14365	1	21734
14367	$e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_2^{*-}$	507	1	21735
14368	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}\bar{D}^{*-}$	14367	1	21736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14369	$e^+e^- \to D^+D_s^-D_s^{*+}D_1'^-$	14368	1	21737
14370	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+\phi D^+\bar{D}^{*-}$	14369	1	21738
14371	$e^+e^- \to K^0K^0K^*K^+K^-K^{*-}D^+D^{*+}D_s^-$	14370	1	21739
14372	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	14371	1	21740
14373	$e^+e^- \to \rho^0\pi^+\eta K^0K^-\eta' D^-D^{*+}$	14372	1	21741
14374	$e^+e^- \to \mu^-\bar{\nu}_\mu K_S D^{*+}J/\psi$	14373	1	21742
14375	$e^+e^- \to \rho^+\eta\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	14374	1	21743
14376	$e^+e^- \to \rho^0\pi^+\eta D^{*+}\bar{D}^{*-}D_s^-$	14375	1	21744
14377	$e^+e^- \to \rho^-D_2^{*+}D_s^{*-}\bar{\Delta}^+\Sigma_c^{++}\gamma$	14376	1	21745
14378	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^+D^{*+}$	14377	1	21746
14379	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^0D^+D_s^-$	14378	1	21747
14380	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	14379	1	21748
14381	$e^+e^- \to e^+\nu_e\eta K^*K^{*-}D^+D^-$	14380	1	21749
14382	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^-D^0$	14381	1	21750
14383	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^{*+}D^0\bar{D}^0$	14382	1	21751
14384	$e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D_s^+$	14383	1	21752
14385	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega\omega\omega D^+\bar{D}^{*-}$	14384	1	21753
14386	$e^+e^- \to K^-D^+D^{*+}\bar{D}^{*0}a_1^-$	14385	1	21754
14387	$e^+e^- \to \rho^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+}D_{s0}^{*-}$	14386	1	21755
14388	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^+D^-\gamma$	14387	1	21756
14389	$e^+e^- \to \rho^-K^{*+}D^+\eta_c a_1^-$	14388	1	21757
14390	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^{*+}\bar{D}^{*-}$	14389	1	21758
14391	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^+p\bar{\Sigma}_c^{--}$	14390	1	21759
14392	$e^+e^- \to \pi^0\pi^+K^*K^{*-}\eta_c J/\psi$	14391	1	21760
14393	$e^+e^- \to \pi^0K^0D^{*0}D^{*0}\bar{D}^{*0}p\bar{\Delta}^+$	2228	1	21761
14394	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta' D^+D^-\bar{\Sigma}^+\Sigma^{*0}$	14393	1	21762
14395	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+K^{*-}D^-D^0$	14394	1	21763
14396	$e^+e^- \to \pi^+\pi^+\rho^-K^*K^-\eta' D^{*+}\bar{D}^{*-}$	14395	1	21764
14397	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	14396	1	21765
14398	$e^+e^- \to \pi^+\pi^-\eta\eta' D^{*+}\bar{D}^{*-}$	14397	1	21766
14399	$e^+e^- \to \pi^+\pi^-\eta D^{*+}\bar{n}\Lambda a_1^-$	14398	1	21767
14400	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^{*-}$	14399	1	21768

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14401	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\bar{K}^0K^*D^-D^{*0}$	14400	1	21769
14402	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^{*-}\bar{D}^{*-}\bar{n}\Lambda_c^+$	14401	1	21770
14403	$e^+e^- \to \pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{n}\Lambda_c^+$	14402	1	21771
14404	$e^+e^- \to K^+K^-D^+\bar{D}^{*-}\bar{D}^0D^{*0}$	14403	1	21772
14405	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\bar{K}^*D^-D_s^{*+}n\bar{\Lambda}_c^-$	14404	1	21773
14406	$e^+e^- \to \pi^0\pi^+\pi^+\eta\eta K^-K^{*+}D^-D^-$	14405	1	21774
14407	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0K^+K^{*-}D^{*0}D_s^-$	14406	1	21775
14408	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\eta D^-D_0^{*+}$	14407	1	21776
14409	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-K^*K^-K^{*+}D^+\bar{D}^0$	14408	1	21777
14410	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	14409	1	21778
14411	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^*K^{*-}D^+\Delta^+\bar{\Sigma}_c^{--}$	14410	1	21779
14412	$e^+e^- \to \pi^0\pi^0\pi^0K^0D^+\bar{D}^{*0}D_s^{*-}$	14411	1	21780
14413	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}$	14412	1	21781
14414	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	14413	1	21782
14415	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+D^-D^-D_s^{*+}$	14414	1	21783
14416	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^-D^+D^-\Delta^+\bar{\Sigma}^-$	14415	1	21784
14417	$e^+e^- \to e^+\nu_e\omega\bar{\Delta}^+\Xi_c^{*+}D_1^-$	14416	1	21785
14418	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\rho^-K^*\bar{K}^*K^+D^{*+}D^{*+}$	14417	1	21786
14419	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	14418	1	21787
14420	$e^+e^- \to \pi^+K^0K^{*-}D^-D^{*+}\bar{D}^0D^{*0}$	14419	1	21788
14421	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^*\bar{K}^*D^+\bar{D}^{*-}D^{*0}$	14420	1	21789
14422	$e^+e^- \to \pi^0\pi^0\pi^-D^+D^-D_{s0}^{*+}$	2229	1	21790
14423	$e^+e^- \to \pi^+\rho^-\omega D^-\bar{D}^0a_1^+$	14422	1	21791
14424	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*0}D_s^-$	14423	1	21792
14425	$e^+e^- \to \pi^0\pi^0\rho^-D^+\bar{D}^0D^{*0}n\bar{n}$	14424	1	21793
14426	$e^+e^- \to \omega K^0K^+K^-D^{*+}\bar{D}^{*-}D^0$	14425	1	21794
14427	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^+p\bar{\Delta}^{++}$	14426	1	21795
14428	$e^+e^- \to \rho^0\rho^-\eta K^{*+}D^0\bar{D}^{*0}\Lambda\bar{\Lambda}$	14427	1	21796
14429	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}$	14428	1	21797
14430	$e^+e^- \to \pi^+\omega\bar{K}^*K^-D^{*+}\bar{D}^{*-}n\bar{n}$	14429	1	21798
14431	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+D^{*+}$	14430	1	21799
14432	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\bar{K}^*D^+n\bar{\Xi}_c^{\prime 0}$	14431	1	21800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14433	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D^0\bar{p}\Delta^+$	14432	1	21801
14434	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^0\bar{D}^0$	14433	1	21802
14435	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^-n\bar{p}$	14434	1	21803
14436	$e^+e^- \to e^-\bar{\nu}_e D_2^{*+}D_2^{*-}D_s^{*+}$	14435	1	21804
14437	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^0\bar{D}^0D_{s1}'^+$	14436	1	21805
14438	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*0}\bar{D}^{*0}\bar{p}\Delta^+$	14437	1	21806
14439	$e^+e^- \to \pi^0\pi^-\eta K^{*+}D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	14438	1	21807
14440	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0D^-D^{*+}$	14439	1	21808
14441	$e^+e^- \to \pi^0\bar{K}^0K^-D^{*0}\bar{D}^{*0}\bar{D}^{*0}D_s^+$	2230	1	21809
14442	$e^+e^- \to \pi^-\eta\eta K^-K^{*+}D^+D^{*+}a_1^-$	14441	1	21810
14443	$e^+e^- \to \pi^0D^{*+}D_s^{*-}p\bar{\Xi}_c^{*-}$	14442	1	21811
14444	$e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	2231	1	21812
14445	$e^+e^- \to \pi^-\rho^+\eta D^{*+}n\bar{\Sigma}_c^-$	14444	1	21813
14446	$e^+e^- \to \pi^+D^0D_s^-D_s^{*-}D_1^+$	14445	1	21814
14447	$e^+e^- \to \pi^0\pi^+\eta\omega\omega D^-\bar{D}^{*-}\bar{n}p$	14446	1	21815
14448	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\bar{D}^{*-}D_1^-$	14447	1	21816
14449	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*0}$	14448	1	21817
14450	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega D^+\bar{D}^{*-}$	14449	1	21818
14451	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^{*+}K^{*-}D^-\chi_{c2}$	14450	1	21819
14452	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-K^+D^+D^{*+}\bar{D}^{*-}$	14451	1	21820
14453	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega K^{*-}D^{*+}\bar{D}^{*-}$	14452	1	21821
14454	$e^+e^- \to \pi^+\pi^-\omega D^-D^{*+}pp\bar{p}\bar{\Delta}^+$	14453	1	21822
14455	$e^+e^- \to e^+\nu_e K^+D^-D^-D^0$	14454	1	21823
14456	$e^+e^- \to \pi^+\omega D^+D^-D_{s1}'^-$	14455	1	21824
14457	$e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^+\pi^+\pi^-\rho^-D^0$	14456	1	21825
14458	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^+D^+D^-\bar{D}^{*-}D^{*0}$	14457	1	21826
14459	$e^+e^- \to \rho^+K^0D^-D^-D^{*0}D_s^{*+}$	14458	1	21827
14460	$e^+e^- \to \eta\omega D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	14459	1	21828
14461	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}a_1^+\gamma\gamma$	14460	1	21829
14462	$e^+e^- \to \pi^+\pi^+K^-K^-D^-D_s^+\Delta^+\bar{\Sigma}^{*-}$	14461	1	21830
14463	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^0K^+K^{*-}\bar{D}^0D^{*0}$	14462	1	21831
14464	$e^+e^- \to \pi^0\eta\eta\omega\omega K^0\bar{K}^0K^+K^{*-}D^+D^-$	14463	1	21832

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14465	$e^+e^- \to \pi^-\rho^+K^+K^-\bar{D}^0D^{*0}\eta_c$	14464	1	21833
14466	$e^+e^- \to \pi^+K^-D^+\bar{D}^{*-}\bar{D}^0p\bar{\Sigma}^-$	14465	1	21834
14467	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^{*+}a_1^-$	14466	1	21835
14468	$e^+e^- \to \pi^0\rho^-K^{*-}D_s^{*+}p\bar{\Sigma}_c^{*0}$	14467	1	21836
14469	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^{*-}\bar{D}^{*0}$	14468	1	21837
14470	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\bar{K}^*K^{*+}D^-D^0$	14469	1	21838
14471	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_s^-D_1'^+$	14470	1	21839
14472	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0K^-\eta'D^{*+}D^{*+}$	14471	1	21840
14473	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^0$	14472	1	21841
14474	$e^+e^- \to \rho^+\bar{K}^0D^+D^-D_1^-$	14473	1	21842
14475	$e^+e^- \to e^-\bar{\nu}_eK_2^{*0}D^{*+}J/\psi$	14474	1	21843
14476	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}D^0\bar{D}^0$	14475	1	21844
14477	$e^+e^- \to \rho^0\pi^+\pi^+K^0K^-D^-D^0D^{*0}p\bar{p}$	14476	1	21845
14478	$e^+e^- \to e^+\nu_e\pi^-\eta\bar{K}^*\bar{K}^*K^{*+}\phi\bar{D}^{*-}$	14477	1	21846
14479	$e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0D^-D^0\bar{D}^{*0}$	14478	1	21847
14480	$e^+e^- \to \rho^-K^0D^{*+}D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	14479	1	21848
14481	$e^+e^- \to D^-D_2^{*-}D_s^+D_s^+\gamma$	14480	1	21849
14482	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}J/\psi$	14481	1	21850
14483	$e^+e^- \to \rho^0D^+D^-D^-D^{*+}$	14482	1	21851
14484	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-}D_1'^+$	14483	1	21852
14485	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta\omega\bar{K}^0K^+K^{*-}D^-D^-D^{*0}$	14484	1	21853
14486	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+D^+D_1'^-$	14485	1	21854
14487	$e^+e^- \to \eta K^*\bar{K}^*K^-D^+\bar{D}^0D^{*0}$	508	1	21855
14488	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^+\bar{D}^{*-}\bar{D}^0$	14487	1	21856
14489	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\bar{D}^{*-}D^0$	14488	1	21857
14490	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0K^*K^-D^{*+}$	14489	1	21858
14491	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^-D^0a_1^+$	14490	1	21859
14492	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega\eta'\bar{D}^{*-}D^0$	14491	1	21860
14493	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	14492	1	21861
14494	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^{*+}\gamma$	14493	1	21862
14495	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	14494	1	21863
14496	$e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^+D^-$	14495	1	21864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14497	$e^+e^- \to \pi^-\rho^+\rho^+\rho^+K^-K^{*+}K^{*-}\bar{D}^{*-}$	14496	1	21865
14498	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^-D^-D_s^{*+}$	14497	1	21866
14499	$e^+e^- \to \pi^+\pi^+D^-D^0D_s^{*-}$	14498	1	21867
14500	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+D_1^-$	14499	1	21868
14501	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-}D_s^{*+}$	14500	1	21869
14502	$e^+e^- \to \pi^0\pi^-\omega K^+K^+K^{*-}D^+\Delta^0\bar{\Sigma}_c^-$	14501	1	21870
14503	$e^+e^- \to \pi^+K^0K^-D^{*+}\bar{D}^{*0}D_s^{*-}$	14502	1	21871
14504	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\eta\omega K^0K^{*-}D^{*+}D^{*+}$	14503	1	21872
14505	$e^+e^- \to \rho^-K^+D^+D^{*+}\bar{D}^{*-}a_1^-$	14504	1	21873
14506	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*0}\bar{D}^{*0}D_1^+$	2233	1	21874
14507	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-D^+D^-n\bar{n}$	2234	1	21875
14508	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	14507	1	21876
14509	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	14508	1	21877
14510	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\eta K^+K^+K^-K^-K^-D^-\bar{D}^{*0}$	14509	1	21878
14511	$e^+e^- \to \pi^0\pi^+\bar{n}\bar{p}\Sigma_c^0\Xi_c^0$	14510	1	21879
14512	$e^+e^- \to \pi^0\rho^-\omega\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	14511	1	21880
14513	$e^+e^- \to \rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}p\bar{p}$	2235	1	21881
14514	$e^+e^- \to \pi^0\bar{K}^0K^*D^+D_s^{*-}p\bar{\Lambda}_c^-$	14513	1	21882
14515	$e^+e^- \to \pi^0\pi^-\eta\eta K^+D^+\bar{D}^{*-}D^0$	14514	1	21883
14516	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	14515	1	21884
14517	$e^+e^- \to \pi^-K^{*+}D^+J/\psi a_1^-$	509	1	21885
14518	$e^+e^- \to \pi^+\rho^+\rho^-\eta\omega D^+D^-\Sigma^-\bar{\Sigma}^0$	14517	1	21886
14519	$e^+e^- \to \pi^+\pi^+K^0K^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	14518	1	21887
14520	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	14519	1	21888
14521	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0D^-D^{*+}D^{*0}$	14520	1	21889
14522	$e^+e^- \to \pi^0\pi^+\pi^-D^-D_s^+\bar{p}\Lambda_c^+\gamma$	2237	1	21890
14523	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^{*+}D^{*+}$	14522	1	21891
14524	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	14523	1	21892
14525	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+K^0D^{*+}\bar{D}^{*0}$	14524	1	21893
14526	$e^+e^- \to e^+\nu_e\pi^0\eta\bar{K}^0D^-\psi'$	14525	1	21894
14527	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}$	14526	1	21895
14528	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^+\rho^-K^0K^-\bar{D}^{*-}$	14527	1	21896

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14529	$e^+e^- \to \pi^- \bar{K}^* D^+ \bar{D}^{*-} \bar{D}^{*0} a_1^+$	14528	1	21897
14530	$e^+e^- \to e^+\nu_e \rho^0 \pi^+ \pi^+ \pi^- \rho^- \rho^- D^{*+} \bar{D}^{*-}$	14529	1	21898
14531	$e^+e^- \to \mu^+\nu_\mu \pi^0 \pi^0 \rho^0 \pi^+ \rho^+ \rho^- D^- \bar{D}^{*-}$	14530	1	21899
14532	$e^+e^- \to \pi^0 \eta K^0 K^- D^{*+} \bar{D}^{*-} D_{s0}^{*+}$	2238	1	21900
14533	$e^+e^- \to \pi^+ \omega\omega K^- D^- D^{*+} \bar{D}^0$	14532	1	21901
14534	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^- \rho^+ \bar{D}^{*-} \bar{D}^0 D_s^+$	2239	1	21902
14535	$e^+e^- \to e^- \bar{\nu}_e \pi^- K^* D^+ D^{*+} \bar{D}^0$	14534	1	21903
14536	$e^+e^- \to \pi^0 \pi^+ \pi^- K^0 D^0 \bar{D}^0 D^{*0}$	14535	1	21904
14537	$e^+e^- \to e^+\nu_e \pi^0 \pi^+ D^- D^{*+} \Sigma^{*-} \bar{\Sigma}^{*-}$	14536	1	21905
14538	$e^+e^- \to \pi^0 \pi^0 \pi^- \rho^+ \rho^- \rho^- \eta \bar{K}^* D^{*+} \bar{\Delta}^- \Delta^0$	14537	1	21906
14539	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \pi^- \omega D^+ \eta_c$	510	1	21907
14540	$e^+e^- \to \pi^- \rho^+ \bar{K}^0 K^{*+} D^- D^{*0} n \bar{\Delta}^0$	14539	1	21908
14541	$e^+e^- \to \mu^+\nu_\mu \pi^+ \pi^- \rho^- \rho^- \bar{K}^0 K^+ D^+ \bar{D}^{*-}$	14540	1	21909
14542	$e^+e^- \to e^+\nu_e \rho^0 \rho^0 \pi^- \pi^- \rho^+ D^+ \bar{D}^{*-}$	14541	1	21910
14543	$e^+e^- \to \pi^+ \pi^- \pi^- \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^0 D_s^+$	14542	1	21911
14544	$e^+e^- \to \pi^0 \pi^0 \pi^- \pi^- \rho^- \omega \bar{K}^0 K^+ D^+ D^+ \bar{D}^0$	14543	1	21912
14545	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^+ \pi^- K^0 \bar{K}^0 D^+ D^-$	14544	1	21913
14546	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ \eta\eta\omega D^+$	14545	1	21914
14547	$e^+e^- \to K_S K^+ D^- D^0 \chi_{c1}$	14546	1	21915
14548	$e^+e^- \to \pi^0 \pi^+ \bar{D}^{*-} D_2^{*+} D_s^{*-}$	14547	1	21916
14549	$e^+e^- \to \pi^+ \pi^- \rho^+ \rho^- \bar{D}^{*0} \bar{p} \Delta^+$	14548	1	21917
14550	$e^+e^- \to \tau^+\nu_\tau \pi^+ \pi^- \pi^- \pi^- D^+$	14549	1	21918
14551	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^- D^+ D^- D_s^{*+}$	14550	1	21919
14552	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- K^0 K^0 K^- \phi D^+ D_s^{*-}$	2241	1	21920
14553	$e^+e^- \to e^+\nu_e \eta D^- J/\psi \bar{K}_1^0$	14552	1	21921
14554	$e^+e^- \to e^- e^- \bar{\nu}_e \bar{\nu}_e D^+ D_0^{*+}$	14553	1	21922
14555	$e^+e^- \to \pi^0 \pi^0 \rho^- K^+ K^- D^{*+} D^0$	14554	1	21923
14556	$e^+e^- \to \pi^+ \bar{K}^* K^- \bar{\Delta}^+ \Sigma_c^+ \chi_{c1}$	14555	1	21924
14557	$e^+e^- \to \pi^0 \rho^0 K^* D_s^+ D_s^- J/\psi$	14556	1	21925
14558	$e^+e^- \to \pi^0 \pi^0 \pi^+ \rho^+ \eta K^0 \bar{K}^0 D^- D^-$	14557	1	21926
14559	$e^+e^- \to \pi^+ \rho^+ \eta K^+ K^- D_s^{*-} D_1'^-$	14558	1	21927
14560	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \pi^- \pi^- \rho^+ D^+ D^{*+}$	14559	1	21928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14561	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega\bar{K}^*n\bar{\Sigma}_c^-$	14560	1	21929
14562	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta\omega\eta' D^{*+}\bar{D}^{*-}$	14561	1	21930
14563	$e^+e^- \to K^*K^+\bar{\Delta}^+\Lambda\bar{\Sigma}_c^-\Xi_c^{*+}$	14562	1	21931
14564	$e^+e^- \to \pi^0\rho^0\pi^+K^*K^{*-}D^+D^-$	14563	1	21932
14565	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^-\bar{\Sigma}^+\bar{\Sigma}^{*0}\Xi^-\Xi_c^{*+}$	14564	1	21933
14566	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}n\bar{\Delta}^+$	14565	1	21934
14567	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^-D^+\bar{D}^{*0}$	14566	1	21935
14568	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}n\bar{\Omega}_c^0$	14567	1	21936
14569	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0K^+D^+D_s^{*-}$	14568	1	21937
14570	$e^+e^- \to \pi^0\rho^0\rho^+K^-D^-D^0D_s^{*+}$	14569	1	21938
14571	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0K^*D^+D^-$	14570	1	21939
14572	$e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	14571	1	21940
14573	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+D_2^{*-}D_s^{*+}$	14572	1	21941
14574	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\pi^-K^0D^0\bar{D}^0$	2242	1	21942
14575	$e^+e^- \to \pi^-\pi^-\omega K^0\bar{K}^0\bar{K}^*D^{*+}\bar{p}\Delta^{++}$	2243	1	21943
14576	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0D^{*+}D_s^+$	14575	1	21944
14577	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+D_s^-D_1^+$	14576	1	21945
14578	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^+K^-D^+\bar{D}^{*-}$	14577	1	21946
14579	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+D^-D^0D_s^-$	14578	1	21947
14580	$e^+e^- \to \rho^0\pi^+\omega\omega K^0K^-D^+D^-$	14579	1	21948
14581	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^{*+}\eta' D^{*+}\bar{D}^{*0}$	14580	1	21949
14582	$e^+e^- \to e^-\bar{\nu}_e\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^0$	14581	1	21950
14583	$e^+e^- \to e^+\nu_e\pi^0D^-D^0$	14582	1	21951
14584	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^+$	14583	1	21952
14585	$e^+e^- \to \rho^+K^0K^-D^+\bar{D}^{*-}\eta_c$	14584	1	21953
14586	$e^+e^- \to D^+\bar{D}^{*-}\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}^0$	14585	1	21954
14587	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0\bar{K}^0K^+K^-\phi\bar{D}^{*-}D_s^+$	14586	1	21955
14588	$e^+e^- \to \rho^0\pi^-\eta\omega\bar{K}^0\bar{K}^0\bar{K}^*K^+K^+D^-D^0$	14587	1	21956
14589	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\omega D^-D^{*+}\Delta^-\bar{\Delta}^0$	14588	1	21957
14590	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{p}\Delta^{++}$	14589	1	21958
14591	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}\Delta^-\bar{\Delta}^+D_1'^+$	14590	1	21959
14592	$e^+e^- \to D^+\bar{D}^0D_s^{*-}\Delta^+\bar{\Delta}^+$	14591	1	21960

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14593	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^0\pi^-D^{*+}\bar{D}^{*-}$	14592	1	21961
14594	$e^+e^- \to \pi^0\omega K^+K^{*-}\bar{D}^{*0}D_s^{*-}D_1'^+$	14593	1	21962
14595	$e^+e^- \to \mu^+\nu_\mu\pi^-K^{*+}\eta_c D_1^-$	14594	1	21963
14596	$e^+e^- \to \rho^0\pi^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}$	14595	1	21964
14597	$e^+e^- \to \rho^0\pi^+\bar{D}^{*-}n\bar{n}\bar{n}\Sigma_c^0$	14596	1	21965
14598	$e^+e^- \to e^+\nu_e\rho^-\bar{K}^0D^+\bar{D}^{*-}$	14597	1	21966
14599	$e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^-$	14598	1	21967
14600	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^-p\bar{\Xi}_c^0$	14599	1	21968
14601	$e^+e^- \to e^-\bar{\nu}_e\eta K^0D^+\eta_c$	14600	1	21969
14602	$e^+e^- \to \rho^0\rho^-\eta\omega\bar{K}^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	14601	1	21970
14603	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega K^0K^-D^{*+}\bar{D}^{*0}$	14602	1	21971
14604	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta K^0\bar{K}^*D^-D^{*+}$	14603	1	21972
14605	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^0n\bar{\Lambda}$	2244	1	21973
14606	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\bar{K}^*K^+D^+\bar{D}^{*-}$	14605	1	21974
14607	$e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	14606	1	21975
14608	$e^+e^- \to \rho^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-}$	130	1	21976
14609	$e^+e^- \to \pi^-D_2^{*-}D_s^{*+}D_1'^+$	14608	1	21977
14610	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^+D^0D_s^{*-}$	14609	1	21978
14611	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^*\bar{D}^0D^{*0}$	14610	1	21979
14612	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^*K^+K^-D^+D^-$	14611	1	21980
14613	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega D^+D^-n\bar{p}$	14612	1	21981
14614	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^{*0}\bar{D}^{*0}D_0^{*+}$	14613	1	21982
14615	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\bar{K}^0K^+K^{*-}D^+D^+$	14614	1	21983
14616	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^-D^{*+}\bar{D}^{*-}n\bar{n}$	2246	1	21984
14617	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega\omega\eta'D^+\bar{D}^{*0}$	14616	1	21985
14618	$e^+e^- \to \pi^0\eta\bar{K}^0K^+D^+D^-D^-D^{*0}$	14617	1	21986
14619	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^-\rho^+\bar{K}^0K^+D^-D^{*+}$	14618	1	21987
14620	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}$	14619	1	21988
14621	$e^+e^- \to \rho^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	14620	1	21989
14622	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	14621	1	21990
14623	$e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}n\bar{n}D_{s1}'^+$	14622	1	21991
14624	$e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^*D^{*+}D_1'^-$	14623	1	21992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14625	$e^+e^- \to \pi^0\pi^-K^{*+}D^{*+}\bar{n}\Sigma^-$	14624	1	21993
14626	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\omega K^0K^{*-}D^+D^-D_s^{*+}$	14625	1	21994
14627	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^+K^-D^{*+}\bar{D}^{*-}D_s^-$	2247	1	21995
14628	$e^+e^- \to \pi^0\pi^+\rho^-\bar{K}^*D^{*0}\chi_{c2}$	14627	1	21996
14629	$e^+e^- \to \pi^+\pi^+\pi^-\omega\omega D^{*0}\bar{D}^{*0}D_s^{*-}$	14628	1	21997
14630	$e^+e^- \to e^+\nu_e\pi^0\eta\omega D^+\bar{D}^{*-}n\bar{p}$	14629	1	21998
14631	$e^+e^- \to \tau^+\nu_\tau D^-\bar{K}_1^0\psi(3770)$	14630	1	21999
14632	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}p\bar{p}$	14631	1	22000
14633	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0D^0\bar{D}^0$	14632	1	22001
14634	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^+D^-$	14633	1	22002
14635	$e^+e^- \to \pi^+\rho^-\rho^-K^0K^+K^-D^+D^{*0}$	14634	1	22003
14636	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^+D^-D^0D_s^{*-}$	14635	1	22004
14637	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\omega K^+K^-D^+\bar{D}^0$	14636	1	22005
14638	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^+D^-$	14637	1	22006
14639	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^0D_s^{*+}$	14638	1	22007
14640	$e^+e^- \to \pi^0\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}$	14639	1	22008
14641	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^-\omega\bar{K}^*K^+D^+D_s^{*+}$	512	1	22009
14642	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^*K^+\eta'\bar{D}^{*-}D^{*0}$	14641	1	22010
14643	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^-\eta D^-D_s^+$	14642	1	22011
14644	$e^+e^- \to \pi^-K^{*+}D^{*+}D_s^-J/\psi$	2249	1	22012
14645	$e^+e^- \to \pi^0K^*D^{*+}D_s^{*-}J/\psi$	14644	1	22013
14646	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+D^-D_0^{*+}$	14645	1	22014
14647	$e^+e^- \to \pi^0\eta\eta K^0K^0K^-D^+D^0\bar{D}^{*0}$	14646	1	22015
14648	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	14647	1	22016
14649	$e^+e^- \to \mu^+\nu_\mu\omega K^0K^-D^{*+}D_2^{*-}$	14648	1	22017
14650	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{\Delta}^-n$	14649	1	22018
14651	$e^+e^- \to \bar{D}^0J/\psi\bar{n}\Delta^0\bar{K}_1^0$	14650	1	22019
14652	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega K^0K^-K^{*+}K^{*-}D^+\bar{D}^{*-}$	14651	1	22020
14653	$e^+e^- \to \eta\omega\bar{K}^0D^0\Delta^0\bar{\Omega}_c^{*0}$	14652	1	22021
14654	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}$	14653	1	22022
14655	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0\bar{K}^0D^-D^{*+}$	14654	1	22023
14656	$e^+e^- \to \pi^0\pi^+\eta\omega K^{*-}D^+D^-\bar{D}^{*0}$	14655	1	22024

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14657	$e^+e^- \to \pi^0\pi^0\rho^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n}\bar{n}\Delta^+$	14656	1	22025
14658	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\bar{K}^0K^{*+}D^-D^{*+}$	14657	1	22026
14659	$e^+e^- \to \pi^0\rho^-\eta K^*D^{*+}D^{*0}\bar{D}^{*0}$	14658	1	22027
14660	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega K^-D^-D^0D_s^{*+}$	14659	1	22028
14661	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0\bar{K}^*K^{*+}\eta'D^-\bar{D}^{*-}$	14660	1	22029
14662	$e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	14661	1	22030
14663	$e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0\bar{K}^0D^-D_s^{*+}D_1'^-$	14662	1	22031
14664	$e^+e^- \to \bar{K}^*K^-D^+\bar{D}^{*-}D_s^{*+}$	14663	1	22032
14665	$e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0D_2^{*-}D^{*0}\bar{D}^{*0}$	14664	1	22033
14666	$e^+e^- \to \pi^0\pi^+\omega D^-D^{*+}D_s^-n\bar{n}$	14665	1	22034
14667	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	2250	1	22035
14668	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\omega D^-D^{*+}$	14667	1	22036
14669	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}$	14668	1	22037
14670	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-}D_s^{*+}$	2251	1	22038
14671	$e^+e^- \to \pi^-\bar{K}^0K^+D^{*0}\bar{D}^{*0}J/\psi$	14670	1	22039
14672	$e^+e^- \to \rho^0\pi^-K^{*+}D^-D^{*+}D^0$	14671	1	22040
14673	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}D^0\bar{D}^{*0}$	14672	1	22041
14674	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+D^{*+}\bar{D}^{*-}\Delta^-\bar{n}$	14673	1	22042
14675	$e^+e^- \to \eta D^{*+}n\bar{p}\Delta^{++}\bar{\Delta}^{++}$	14674	1	22043
14676	$e^+e^- \to \pi^0K^0K^*D^+D^-\bar{D}^0D^{*0}$	14675	1	22044
14677	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\bar{K}^0K^*K^{*-}D^+$	2252	1	22045
14678	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\bar{K}^0K^+K^-K^-\bar{D}^{*-}D_s^+$	14677	1	22046
14679	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0D^+D^-$	14678	1	22047
14680	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^{*+}\bar{D}^{*-}$	14679	1	22048
14681	$e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}$	14680	1	22049
14682	$e^+e^- \to \pi^+D^-\bar{D}^{*-}D_s^{*+}\gamma$	14681	1	22050
14683	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0K^-D^-D^{*+}\bar{n}p$	14682	1	22051
14684	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega D^-\bar{D}^{*-}$	14683	1	22052
14685	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^-\bar{D}^{*0}\psi'$	14684	1	22053
14686	$e^+e^- \to e^+\nu_e\pi^-D^-\bar{\Delta}^-\Lambda$	14685	1	22054
14687	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\omega K^*D^+D^+\bar{D}^{*0}$	14686	1	22055
14688	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^{*+}D^{*0}$	14687	1	22056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14689	$e^+e^- \to \pi^+\pi^-\rho^- D^+ D^{*+}\bar{D}^{*-}$	14688	1	22057
14690	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^- K^0 D^{*+}\bar{D}^{*0}$	14689	1	22058
14691	$e^+e^- \to \rho^- D^{*+} D_2^{*-} D_s^{*+}$	14690	1	22059
14692	$e^+e^- \to \pi^0\rho^+\bar{K}^* K^- K^{*+} K^{*+} K^{*-}\bar{D}^{*-}$	14691	1	22060
14693	$e^+e^- \to \omega\bar{D}^{*-} D^{*0} D_{s1}'^{+}$	14692	1	22061
14694	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^-$	14693	1	22062
14695	$e^+e^- \to \rho^0\pi^+\bar{K}^* K^- D^{*+}\bar{D}^{*-}$	14694	1	22063
14696	$e^+e^- \to \mu^+\nu_\mu\rho^+\eta D^- D^-$	14695	1	22064
14697	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+} D^0$	14696	1	22065
14698	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-} p\bar{p}$	14697	1	22066
14699	$e^+e^- \to \rho^-\omega K^* D^+ D^+ D^-$	14698	1	22067
14700	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^- K^+ K^- K^- D^{*+}\bar{D}^{*-}$	14699	1	22068
14701	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\bar{D}^0 D_s^+ D_1^+$	14700	1	22069
14702	$e^+e^- \to e^+\nu_e K^0 D^-\bar{D}^{*-}\bar{n}p$	14701	1	22070
14703	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega K^{*-}\bar{D}^{*-} J/\psi$	14702	1	22071
14704	$e^+e^- \to \pi^+\pi^-\rho^+\eta\eta K^- D^{*+}\bar{D}^{*-}$	14703	1	22072
14705	$e^+e^- \to \pi^+ K^{*-} D^{*+}\bar{D}^0\bar{D}^{*0}\bar{\Delta}^{++}\Sigma^{*+}$	14704	1	22073
14706	$e^+e^- \to \pi^+\pi^-\rho^- K^* K^- K^{*+} D^+ D^- D^{*+}$	14705	1	22074
14707	$e^+e^- \to \tau^+\nu_\tau\rho^+ K^- J/\psi D_1^-$	14706	1	22075
14708	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^- K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	14707	1	22076
14709	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^0 K^{*-} D^+\bar{D}^0$	2253	1	22077
14710	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0 K^*\bar{D}^{*-} D^{*0}$	2254	1	22078
14711	$e^+e^- \to \rho^-\eta D^+\Delta^0\bar{\Sigma}_c^{*0}$	14710	1	22079
14712	$e^+e^- \to \pi^+\omega\omega\omega D^+ D^- D_s^{*-}$	14711	1	22080
14713	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega\eta' D^- D^{*0}$	14712	1	22081
14714	$e^+e^- \to \pi^0\rho^-\bar{K}^* K^{*+} D^- D^{*0}\bar{\Lambda}\Lambda_c^+$	14713	1	22082
14715	$e^+e^- \to \omega\bar{K}^0 K^+\bar{D}^{*-} J/\psi$	14714	1	22083
14716	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	14715	1	22084
14717	$e^+e^- \to \rho^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-} D_s^+$	14716	1	22085
14718	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+ D^+ D^-$	14717	1	22086
14719	$e^+e^- \to e^+\nu_e\pi^+\Delta^+\bar{\Sigma}_c^{*--} D_1'^-$	2255	1	22087
14720	$e^+e^- \to \pi^0\pi^+ K^* K^{*-} D^+\bar{D}^{*-} D^{*0}\bar{D}^{*0}$	14719	1	22088

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14721	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta D^- D^{*0}$	14720	1	22089
14722	$e^+e^- \to K^0 K^{*-} D^- D^{*+}\bar{n}p$	2256	1	22090
14723	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- K^0\bar{K}^0 D^+ D^- D_s^-$	14722	1	22091
14724	$e^+e^- \to \pi^+\pi^-\rho^-\eta\bar{K}^* D^+\bar{D}^0\bar{D}^{*0}$	14723	1	22092
14725	$e^+e^- \to e^+\nu_e\pi^- D^{*+}\bar{D}^{*0} D_s^{*-}$	14724	1	22093
14726	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^* K^{*+}\bar{D}^{*-} D_1'^+$	14725	1	22094
14727	$e^+e^- \to \pi^0\pi^+\rho^+ K^-\bar{D}^{*-} D^0\bar{D}^0$	14726	1	22095
14728	$e^+e^- \to \pi^+\pi^-\pi^- K^0 K^*\bar{K}^* D^+ D^- D^{*+}$	14727	1	22096
14729	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta K^+ K^- D^{*+}\bar{D}^{*-}$	14728	1	22097
14730	$e^+e^- \to \pi^0\rho^- K^0\bar{K}^0 D^{*+}\bar{D}^{*-} D_s^+$	14729	1	22098
14731	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^+\bar{D}^{*-} n\bar{n}$	14730	1	22099
14732	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 D^+ J/\psi$	14731	1	22100
14733	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0 K^{*+}\bar{D}^{*-} D_1^-$	14732	1	22101
14734	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0 D^+ D^{*+}\bar{D}^0$	14733	1	22102
14735	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^0\Delta^-\bar{n}$	14734	1	22103
14736	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^{*+}\bar{D}^{*0} D_s^+$	14735	1	22104
14737	$e^+e^- \to \pi^0\pi^+ D^- D^0 D_s^- D_s^{*+}$	14736	1	22105
14738	$e^+e^- \to \rho^0\pi^-\rho^-\omega D^+ D^+$	131	1	22106
14739	$e^+e^- \to \pi^-\rho^+\rho^-\eta D^+\bar{D}^0\bar{p}\Delta^+$	14738	1	22107
14740	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+ D^- D_1^+$	14739	1	22108
14741	$e^+e^- \to \pi^0\pi^+\bar{K}^0 K^- K^- D_s^{*+}\eta_c(2S)$	14740	1	22109
14742	$e^+e^- \to \rho^0\bar{K}^0 D^+\bar{D}^{*-}\bar{p}\Sigma_c^+$	14741	1	22110
14743	$e^+e^- \to \rho^0\pi^-\omega D^{*+} D_s^{*-}\Delta^0\bar{\Sigma}^+$	14742	1	22111
14744	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0 K^- K^- D^+ D^0$	14743	1	22112
14745	$e^+e^- \to \rho^0\rho^+\rho^- D^{*+}\bar{D}^0 D_{s1}'^-$	2258	1	22113
14746	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\bar{K}^0 K^*\bar{K}^*\bar{D}^{*-}$	14745	1	22114
14747	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	14746	1	22115
14748	$e^+e^- \to \rho^-\eta K^+ K^{*-} D^- D^{*+} D_{s0}^{*+}$	14747	1	22116
14749	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\bar{K}^* K^{*+} D^+ D^-$	2259	1	22117
14750	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}$	14749	1	22118
14751	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+ D^+ D^-$	14750	1	22119
14752	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^+ D^+ p\bar{\Delta}^{++}$	37	1	22120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14753	$e^+e^- \to \pi^+\rho^-\eta K^- K^{*+} D^+ \bar{D}^{*-}$	14752	1	22121
14754	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^- D^{*+} D_1^-$	14753	1	22122
14755	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^- D^- D^0 D_s^-$	14754	1	22123
14756	$e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{p}\bar{\Sigma}^+\Sigma^-\Xi_c'^+$	515	1	22124
14757	$e^+e^- \to \pi^0\pi^0 K^0 D^{*0} J/\psi$	14756	1	22125
14758	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^- \bar{D}^{*-} D_s^{*+}$	14757	1	22126
14759	$e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^+ D_s^{*-}$	14758	1	22127
14760	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+ D^+ \bar{D}^{*-} D_s^-$	14759	1	22128
14761	$e^+e^- \to \bar{K}^0 K^{*+} D^- \bar{D}^{*-}\bar{n}\Delta^+$	14760	1	22129
14762	$e^+e^- \to e^-\bar{\nu}_e\pi^+ D^{*+}\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}$	14761	1	22130
14763	$e^+e^- \to \bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0} D_{s0}^{*+}$	14762	1	22131
14764	$e^+e^- \to \rho^+ K^- D^- D_s^{*+}\bar{\Sigma}^+\Sigma^-$	14763	1	22132
14765	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-} D_{s1}'^-$	14764	1	22133
14766	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^+\bar{D}^{*-} D^{*0}$	2262	1	22134
14767	$e^+e^- \to \pi^0\pi^0 K^*\bar{D}^0\bar{p}\Sigma_c^+$	14766	1	22135
14768	$e^+e^- \to e^+\nu_e\rho^+\eta D^- D^0 D_s^-$	14767	1	22136
14769	$e^+e^- \to \pi^- K^{*-} D^{*+}\bar{D}^{*0}\bar{\Delta}^0\Xi_c^{*+}$	14768	1	22137
14770	$e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0 D_{s0}^{*-}$	2263	1	22138
14771	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+ D_s^{*-}$	14770	1	22139
14772	$e^+e^- \to \rho^0\rho^+\omega\bar{K}^0 D^+ D^-\bar{D}^{*-}$	14771	1	22140
14773	$e^+e^- \to \rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-} n\bar{n}$	14772	1	22141
14774	$e^+e^- \to \omega K^+\bar{D}^{*-} D^0\bar{D}^0 D^{*0}$	14773	1	22142
14775	$e^+e^- \to \pi^0\pi^+\pi^+ K^{*-}\eta' D^-\eta_c$	14774	1	22143
14776	$e^+e^- \to \pi^0\rho^0\rho^- K^{*+} D^- D^{*+} D^0$	14775	1	22144
14777	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^-\rho^- D^{*+} D^{*+}$	14776	1	22145
14778	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^- K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-} D_s^{*+}$	14777	1	22146
14779	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^- K^+ D^+\eta_c(2S)$	14778	1	22147
14780	$e^+e^- \to \pi^0\rho^+\eta K^* K^- D^{*+}\bar{D}^{*0} D_{s1}'^-$	14779	1	22148
14781	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ K^*\bar{K}^*\eta' D^+ D^-$	2264	1	22149
14782	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0 K^+ D^+\bar{D}^{*-} D_s^{*-}$	14781	1	22150
14783	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*0} D_s^+$	14782	1	22151
14784	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta K^0 K^0 K^- K^- K^-\phi D^+\bar{D}^0$	14783	1	22152

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14785	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	14784	1	22153
14786	$e^+e^- \to \pi^0\pi^+K^-D^-\bar{D}^0D^{*0}D_s^+$	14785	1	22154
14787	$e^+e^- \to \bar{K}^*D^+D^-\bar{D}^0\bar{p}\Delta^+$	14786	1	22155
14788	$e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}D^{*0}n\bar{n}$	14787	1	22156
14789	$e^+e^- \to e^+\nu_e\rho^-D^-\bar{\Delta}^0\Lambda_c^+$	14788	1	22157
14790	$e^+e^- \to \pi^+K^0\bar{K}^*\phi D^-\bar{D}^{*-}D_{s1}'^+$	14789	1	22158
14791	$e^+e^- \to \pi^0\rho^-\eta\eta\bar{K}^*K^+D^+D^-$	14790	1	22159
14792	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^+\rho^-\eta\bar{D}^{*-}D_2^{*+}$	14791	1	22160
14793	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\eta D^+\bar{D}^{*-}$	14792	1	22161
14794	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+}$	14793	1	22162
14795	$e^+e^- \to e^+\nu_eK^*D^-D^-D^{*+}$	2265	1	22163
14796	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D_s^+D_s^-D_0^{*+}$	14795	1	22164
14797	$e^+e^- \to e^+\nu_e\rho^0\omega\bar{D}^{*-}D^{*0}$	14796	1	22165
14798	$e^+e^- \to e^-\bar{\nu}_e\eta D^+D^+D_s^{*-}$	14797	1	22166
14799	$e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^*K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	14798	1	22167
14800	$e^+e^- \to \pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+$	2266	1	22168
14801	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+K^{*-}D^-D^-$	2267	1	22169
14802	$e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-}$	14801	1	22170
14803	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\omega K^+\bar{D}^{*-}$	14802	1	22171
14804	$e^+e^- \to \mu^+\nu_\mu\rho^-K^0D^+\bar{D}^{*-}\bar{D}^0$	14803	1	22172
14805	$e^+e^- \to \pi^0\pi^0\pi^+D^-D_2^{*+}D_s^-\gamma$	14804	1	22173
14806	$e^+e^- \to \rho^+\rho^-K^0\bar{K}^0K^+K^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+\gamma$	14805	1	22174
14807	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-K^*\bar{K}^*D^+\bar{D}^{*-}$	2268	1	22175
14808	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-K^+D^+D_s^-$	14807	1	22176
14809	$e^+e^- \to \pi^0\pi^0D^+D^+D_s^{*-}D_s^{*-}$	14808	1	22177
14810	$e^+e^- \to \rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	14809	1	22178
14811	$e^+e^- \to \pi^0K^0K^-K^-D^+D^+\bar{D}^{*0}$	14810	1	22179
14812	$e^+e^- \to \pi^-\omega D^+\bar{p}\bar{\Sigma}^+\Sigma^-\Lambda_c^+$	14811	1	22180
14813	$e^+e^- \to \rho^0\pi^-D^-D^{*+}\bar{\Delta}^0\Delta^+$	14812	1	22181
14814	$e^+e^- \to e^+\nu_e\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	14813	1	22182
14815	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega K^{*-}D^{*+}$	2269	1	22183
14816	$e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^-D_{s1}'^+$	14815	1	22184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14817	$e^+e^- \to \rho^0\pi^-\eta\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	14816	1	22185
14818	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^{*+}D_1^-$	14817	1	22186
14819	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-K^{*+}D^+D^+D^-$	14818	1	22187
14820	$e^+e^- \to \pi^0\pi^+\omega\omega\phi D^{*+}\bar{D}^{*-}D_s^-$	14819	1	22188
14821	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega D^{*+}D_2^{*-}$	14820	1	22189
14822	$e^+e^- \to \pi^-\rho^+\rho^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	14821	1	22190
14823	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^{*+}\bar{D}^{*0}D_1^+$	14822	1	22191
14824	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\omega D^{*+}D^{*+}$	14823	1	22192
14825	$e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^0$	14824	1	22193
14826	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}n\bar{p}D_0^{*+}$	14825	1	22194
14827	$e^+e^- \to \pi^+\rho^-\bar{K}^0\bar{K}^*K^+D^+D^-D^-$	14826	1	22195
14828	$e^+e^- \to \pi^+\rho^-\omega\bar{D}^{*-}D_2^{*+}$	516	1	22196
14829	$e^+e^- \to e^+\nu_e\pi^-\rho^+\eta K^0K^-D^+D^-$	14828	1	22197
14830	$e^+e^- \to \pi^0\pi^+\eta K^*\bar{D}^{*-}\psi'$	14829	1	22198
14831	$e^+e^- \to \rho^+D^+\Delta^-\bar{\Delta}^0\Delta^+\bar{\Sigma}_c^{--}$	2271	1	22199
14832	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*D^+D^-\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	14831	1	22200
14833	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-\bar{\Delta}^+\Sigma_c^{*+}$	14832	1	22201
14834	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^+D^-D_1'^+$	14833	1	22202
14835	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0\bar{K}^0D^-D^{*+}D_s^-$	14834	1	22203
14836	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\omega D^-D^{*+}$	14835	1	22204
14837	$e^+e^- \to \pi^0\rho^0\omega\bar{K}^0K^{*+}D^-D^{*+}D_s^{*-}$	14836	1	22205
14838	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^-D_1^+$	14837	1	22206
14839	$e^+e^- \to \pi^0\pi^-\eta D^+D^+p\bar{p}\Sigma^-\bar{\Sigma}^0$	14838	1	22207
14840	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*D^+a_1^-$	14839	1	22208
14841	$e^+e^- \to \rho^0\pi^+\eta\omega D^-D^{*+}D_{s1}'^-\gamma$	14840	1	22209
14842	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^+\bar{D}^{*-}$	14841	1	22210
14843	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	14842	1	22211
14844	$e^+e^- \to e^+\nu_e\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D^0$	14843	1	22212
14845	$e^+e^- \to \pi^+\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	14844	1	22213
14846	$e^+e^- \to \pi^-\rho^+\eta K^0D^{*+}a_1^-$	14845	1	22214
14847	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+K^+K^-D^+D^-$	14846	1	22215
14848	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^0D^+\bar{D}^{*-}D_s^{*-}$	14847	1	22216

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14849	$e^+e^- \to \pi^0 K^- D^+ n\bar{p}\Delta^+\bar{\Xi}_c^{*0}$	14848	1	22217
14850	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^0 D^{*+}D^{*+}$	14849	1	22218
14851	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega\eta' D^+ D_1'^-$	14850	1	22219
14852	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta K^+K^- D^+D^-$	14851	1	22220
14853	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^- D^{*0}$	14852	1	22221
14854	$e^+e^- \to D^{*+}D_s^+ D_s^{*-} D_1'^-\gamma$	14853	1	22222
14855	$e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{K}^0 K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-}D_s^+$	517	1	22223
14856	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^- D^{*+} D_{s0}^{*-}$	2273	1	22224
14857	$e^+e^- \to e^+\nu_e\pi^0\eta D^-\bar{D}^{*-}D_s^+$	2274	1	22225
14858	$e^+e^- \to e^+\nu_e\pi^- K^0\bar{K}^0 D^- D^{*+}$	14857	1	22226
14859	$e^+e^- \to \pi^0\pi^+\rho^- D^+D^-$	14858	1	22227
14860	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\eta' D^+\bar{D}^{*-}$	14859	1	22228
14861	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^+\bar{D}^0 n\bar{n}$	14860	1	22229
14862	$e^+e^- \to \rho^+K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*0}$	14861	1	22230
14863	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-}$	14862	1	22231
14864	$e^+e^- \to \rho^0\pi^+\rho^+\eta\eta K^0 K^- K^- D^+D^-\bar{D}^{*0}$	14863	1	22232
14865	$e^+e^- \to \pi^-\pi^-\rho^+ D^- D^{*+} D_{s0}^{*+}$	14864	1	22233
14866	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^- D^+ D^{*+}\bar{D}^{*0}$	14865	1	22234
14867	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\omega D^+D^{*+}$	14866	1	22235
14868	$e^+e^- \to \rho^0\rho^+\eta\eta D^- D^- a_1^+$	14867	1	22236
14869	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- D^+\bar{D}^{*-}D_s^{*-}$	2275	1	22237
14870	$e^+e^- \to K^{*-}D^+D^-\bar{D}^{*0}D_s^{*+}$	14869	1	22238
14871	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{K}^* D^- D^- D^{*0}$	14870	1	22239
14872	$e^+e^- \to \pi^0 K^0 D^0\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*+}$	14871	1	22240
14873	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega K^0\bar{K}^* K^- D^{*+}$	14872	1	22241
14874	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega K^0 K^-\bar{D}^{*-}\bar{D}^{*0}$	14873	1	22242
14875	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\bar{K}^0 K^+ K^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	14874	1	22243
14876	$e^+e^- \to \pi^0\pi^0\eta K^*\bar{K}^* D^0 D^0\bar{D}^0$	14875	1	22244
14877	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0 K^* K^{*-} D^- D^{*0}\bar{\Delta}^-\Delta^0$	14876	1	22245
14878	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-} D_{s1}'^-$	14877	1	22246
14879	$e^+e^- \to \pi^- D^- D^{*+}\bar{\Delta}^0\Delta^{++} a_1^-\gamma$	14878	1	22247
14880	$e^+e^- \to \rho^+\eta K^* K^- D^- D^{*+}$	14879	1	22248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14881	$e^+e^- \to \bar{K}^0 D^- D^{*+} \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	14880	1	22249
14882	$e^+e^- \to \pi^0 \pi^- \pi^- D^{*+} \bar{D}^{*-} \bar{\Delta}^- \bar{n} \Delta^0 p$	14881	1	22250
14883	$e^+e^- \to \pi^+ \pi^+ \pi^- \rho^- \bar{K}^0 K^* K^+ K^- D^+ \Delta^+ \bar{\Sigma}_c^{--}$	14882	1	22251
14884	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \rho^- D^- \bar{D}^{*-}$	14883	1	22252
14885	$e^+e^- \to e^- \bar{\nu}_e K^0 K^+ D^{*0} D_s^{*-} D_1'^+$	14884	1	22253
14886	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^- \omega K^0 K^+ K^- D^{*+} D^{*+} \bar{D}^{*-}$	14885	1	22254
14887	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \bar{D}^{*-} \bar{D}^{*-} n \bar{\Delta}^0 D_{s1}'^+$	14886	1	22255
14888	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \rho^- \eta D^{*+} \bar{D}^{*-} n \bar{p}$	14887	1	22256
14889	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \rho^- K^{*+} D^{*+} \bar{D}^{*-}$	14888	1	22257
14890	$e^+e^- \to \rho^0 \omega K^0 \bar{K}^0 K^+ K^{*-} J/\psi$	14889	1	22258
14891	$e^+e^- \to \pi^0 \pi^- \rho^- K^+ D^{*+} D^{*0} \bar{D}^{*0}$	14890	1	22259
14892	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \rho^0 \pi^- \eta D^{*+} \bar{D}^{*-}$	2276	1	22260
14893	$e^+e^- \to \pi^0 \rho^+ \omega D^0 \Delta^0 \bar{\Lambda}_c^-$	14892	1	22261
14894	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- \pi^- D^{*+} D_1'^+$	14893	1	22262
14895	$e^+e^- \to \mu^- \bar{\nu}_\mu \eta \eta \bar{K}^0 K^{*+} D^+ \bar{D}^{*-}$	14894	1	22263
14896	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \bar{K}^0 K^* D^+ \bar{D}^{*-}$	14895	1	22264
14897	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^- \pi^- \bar{K}^* D^+ D^{*+}$	14896	1	22265
14898	$e^+e^- \to \pi^+ \pi^- \rho^- K^* D^{*+} a_1^0$	14897	1	22266
14899	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- \rho^- K^{*+} K^{*-} D^+ D^{*+}$	14898	1	22267
14900	$e^+e^- \to \pi^- D^+ D^{*+} D_s^- \bar{n} \Lambda$	14899	1	22268
14901	$e^+e^- \to \pi^+ \bar{D}^{*-} D^{*0} D_s^{*+} D_s^{*-}$	14900	1	22269
14902	$e^+e^- \to e^+ \nu_e \pi^+ \pi^+ \pi^+ \pi^- \pi^- \bar{D}^{*-} \bar{D}^{*-}$	14901	1	22270
14903	$e^+e^- \to \rho^0 \pi^- \omega \omega D^- D^{*+} \bar{\Delta}^+ \Delta^{++}$	14902	1	22271
14904	$e^+e^- \to \pi^+ K^0 K^{*-} D^{*+} \bar{D}^{*-} \eta_c$	14903	1	22272
14905	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \rho^0 \pi^- \pi^- \rho^+ \eta \omega D^+ \bar{D}^{*-}$	14904	1	22273
14906	$e^+e^- \to \pi^0 \pi^- \rho^+ \eta \bar{D}^{*-} D^{*0} a_1^+$	14905	1	22274
14907	$e^+e^- \to e^+ \nu_e \mu^- \bar{\nu}_\mu \pi^+ D_1^-$	14906	1	22275
14908	$e^+e^- \to e^+ \nu_e \pi^0 \pi^+ \pi^- \rho^- \eta \eta' D^+ \bar{D}^{*-}$	14907	1	22276
14909	$e^+e^- \to e^+ \nu_e \pi^- \rho^+ \rho^- \omega D^- D^{*+}$	14908	1	22277
14910	$e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- \bar{K}^0 \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^+$	14909	1	22278
14911	$e^+e^- \to \pi^0 \pi^0 \rho^0 \bar{K}^* K^{*-} D^{*0} D_s^+$	14910	1	22279
14912	$e^+e^- \to \pi^+ \eta D^{*+} \bar{D}^{*-} D_s^{*-}$	14911	1	22280

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14913	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^-$	14912	1	22281
14914	$e^+e^- \to \rho^+\rho^-D^{*+}\Delta^0\bar{\Xi}_c^{*-}$	14913	1	22282
14915	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	14914	1	22283
14916	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}\Delta^-\bar{n}$	14915	1	22284
14917	$e^+e^- \to \pi^0\rho^-\omega K^0K^{*-}D^+D^+$	2277	1	22285
14918	$e^+e^- \to \pi^0K^{*+}\bar{D}^{*-}D^{*0}\bar{n}\Sigma_c^0$	14917	1	22286
14919	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^+\eta'\phi D^{*+}\bar{D}^{*-}$	14918	1	22287
14920	$e^+e^- \to \rho^-\eta\omega K^+D^+D^-D^0$	14919	1	22288
14921	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D_2^{*+}D_s^{*+}$	14920	1	22289
14922	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+\eta'D^{*+}\bar{D}^{*-}$	14921	1	22290
14923	$e^+e^- \to \bar{K}^0K^{*+}D^+D^-D_{s1}'^-$	14922	1	22291
14924	$e^+e^- \to \pi^0\pi^-K^+K^{*-}D^{*+}D_s^+D_1'^-$	14923	1	22292
14925	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-\eta D^+D^{*+}$	14924	1	22293
14926	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-D^+D_1^+$	14925	1	22294
14927	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^{*-}D^+D^+\bar{D}^0$	2278	1	22295
14928	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\eta K^0D^+\bar{D}^0$	14927	1	22296
14929	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D_2^{*+}$	14928	1	22297
14930	$e^+e^- \to \pi^0K^0D^{*+}D_s^{*-}\chi_{c1}$	14929	1	22298
14931	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega K^0K^-D^+\bar{D}^{*-}\bar{n}\Delta^0$	14930	1	22299
14932	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	14931	1	22300
14933	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}D^0D_s^{*+}$	14932	1	22301
14934	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D_s^{*+}$	14933	1	22302
14935	$e^+e^- \to \pi^-\rho^+K^*K^-D^{*+}\bar{D}^{*-}D_s^+$	14934	1	22303
14936	$e^+e^- \to \rho^+\omega\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma^{*+}$	14935	1	22304
14937	$e^+e^- \to \eta\bar{D}^0n\bar{n}\bar{p}\Sigma_c^{*+}$	14936	1	22305
14938	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\bar{K}^0D^+D^{*+}\bar{D}^0$	14937	1	22306
14939	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}$	14938	1	22307
14940	$e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}D^{*0}D_1^-$	14939	1	22308
14941	$e^+e^- \to \pi^0\rho^+\omega D^-n\bar{n}\bar{n}\Sigma_c^0$	14940	1	22309
14942	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta K^*K^+K^-\bar{D}^{*-}D^0$	14941	1	22310
14943	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}D^0$	14942	1	22311
14944	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\eta\eta\omega\omega D^+D^-$	2279	1	22312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14945	$e^+e^- \to \pi^0\pi^+\rho^-K^0K^{*-}D^{*+}D_2^{*-}D_s^+$	14944	1	22313
14946	$e^+e^- \to \mu^+\nu_\mu\rho^0D^+D^-D_1^-$	14945	1	22314
14947	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^+K^-\bar{D}^{*-}D_1^+$	14946	1	22315
14948	$e^+e^- \to \rho^-K^+\bar{D}^0n\bar{n}$	14947	1	22316
14949	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega\omega\omega\bar{K}^*\bar{D}^{*-}\eta_c$	14948	1	22317
14950	$e^+e^- \to \pi^+\pi^-K^{*-}D^+\bar{D}^0\bar{D}^{*0}$	14949	1	22318
14951	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^+K^-K^-\bar{D}^{*-}D^0\bar{D}^0$	2280	1	22319
14952	$e^+e^- \to \pi^0D^{*+}\bar{D}^{*-}n\bar{p}a_1^+$	14951	1	22320
14953	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\bar{K}^0D^-D^0$	14952	1	22321
14954	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^*\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}$	14953	1	22322
14955	$e^+e^- \to \pi^0\pi^0\rho^+\eta D^-\bar{D}^{*-}\bar{n}p$	14954	1	22323
14956	$e^+e^- \to \pi^0\pi^0D^+D^{*+}D_s^{*-}D_s^{*-}$	14955	1	22324
14957	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	14956	1	22325
14958	$e^+e^- \to \pi^0\pi^-K^0D^+\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	14957	1	22326
14959	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-D^-D^0D_s^{*+}$	14958	1	22327
14960	$e^+e^- \to D^-D^{*+}\bar{\Delta}^-na_1^-$	14959	1	22328
14961	$e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{D}^{*0}\bar{n}\Lambda_c^+$	14960	1	22329
14962	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{p}\Sigma_c^{++}$	14961	1	22330
14963	$e^+e^- \to \rho^0\pi^-\eta\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	14962	1	22331
14964	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\bar{K}^0K^*\bar{K}^*D^-D^{*+}$	14963	1	22332
14965	$e^+e^- \to \rho^+\rho^-\rho^-D^+D^-D_s^{*+}$	14964	1	22333
14966	$e^+e^- \to e^+\nu_eK^{*+}\bar{D}^{*-}D_2^{*-}D^0$	14965	1	22334
14967	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^0p\bar{\Sigma}_c^{--}$	14966	1	22335
14968	$e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}D_1^-$	14967	1	22336
14969	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega K^0K^{*-}D^+D^{*+}$	14968	1	22337
14970	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{n}p\bar{p}\Lambda_c^+$	14969	1	22338
14971	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-\bar{D}^0n\bar{n}$	14970	1	22339
14972	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+K^{*+}D^-D^{*+}D^0\bar{n}p$	14971	1	22340
14973	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}D_{s0}^{*+}$	14972	1	22341
14974	$e^+e^- \to \pi^0\pi^-\pi^-\omega D^+\eta_c\bar{n}p$	14973	1	22342
14975	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-K^*D^+\bar{D}^{*0}\bar{n}\Lambda$	14974	1	22343
14976	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\rho^-\eta D^+\bar{D}^0$	14975	1	22344

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
14977	$e^+e^- \to \pi^0\rho^+\rho^-\eta D^+D^-n\bar{n}$	14976	1	22345
14978	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^+D^+\bar{D}^{*-}D^{*0}$	14977	1	22346
14979	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^{*+}\Delta^-\bar{\Delta}^0$	14978	1	22347
14980	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\omega\omega D^+D^+$	14979	1	22348
14981	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^+\bar{D}^0D^{*0}$	14980	1	22349
14982	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	14981	1	22350
14983	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^+\Delta^-\bar{n}$	14982	1	22351
14984	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*K^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	14983	1	22352
14985	$e^+e^- \to \pi^0\pi^0K^0K^0\bar{K}^0\bar{K}^0\Lambda\bar{\Sigma}_c^0$	14984	1	22353
14986	$e^+e^- \to \rho^+D^+n\bar{p}\Delta^+\bar{\Sigma}_c^{--}$	14985	1	22354
14987	$e^+e^- \to \pi^-\rho^+\omega\eta'D^+D^-$	14986	1	22355
14988	$e^+e^- \to \pi^0\pi^-\rho^-\omega K^0\bar{K}^0K^+K^-D^+D^{*+}$	14987	1	22356
14989	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	14988	1	22357
14990	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	14989	1	22358
14991	$e^+e^- \to \pi^0\rho^+\omega K^0K^-D^+\bar{D}^{*-}$	14990	1	22359
14992	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^{*+}D_s^{*-}a_1^+$	14991	1	22360
14993	$e^+e^- \to \mu^+\nu_\mu\pi^+K_0^{*-}D_1^-$	14992	1	22361
14994	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\Delta^0\bar{\Sigma}^{*+}D_0^{*+}$	14993	1	22362
14995	$e^+e^- \to \pi^0\pi^-D^{*+}D_2^{*+}D_s^{*-}n\bar{n}$	14994	1	22363
14996	$e^+e^- \to e^+\nu_e\pi^+K^+K^-K^{*-}\bar{D}^{*-}$	14995	1	22364
14997	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}\bar{p}\Sigma_c^{*0}$	14996	1	22365
14998	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}D_s^{*-}$	14997	1	22366
14999	$e^+e^- \to \rho^0\rho^+\rho^-\eta D^+D^-\gamma$	14998	1	22367
15000	$e^+e^- \to \mu^+\nu_\mu D^-D^{*+}\Delta^-\bar{\Delta}^0$	2281	1	22368
15001	$e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+}$	15000	1	22369
15002	$e^+e^- \to \pi^0\rho^-D^-D^{*+}D_s^+$	15001	1	22370
15003	$e^+e^- \to \rho^-D^+D^{*+}D_s^-\gamma$	15002	1	22371
15004	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0D^-D^{*+}D_s^{*+}\gamma$	15003	1	22372
15005	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	15004	1	22373
15006	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\bar{D}^0D_1^+$	15005	1	22374
15007	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+D^-\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$	15006	1	22375
15008	$e^+e^- \to \pi^+K^0\eta'D^-D^{*+}D_s^-$	15007	1	22376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15009	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^+D_1^-$	15008	1	22377
15010	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\omega D^+D^-$	15009	1	22378
15011	$e^+e^- \to \pi^0\rho^-\omega K^0D^{*+}\bar{D}^0$	15010	1	22379
15012	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta K^0K^0K^-D^{*+}\eta_c$	15011	1	22380
15013	$e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^*K^+K^-\eta' D^+\bar{D}^{*-}$	2282	1	22381
15014	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*0}$	15013	1	22382
15015	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+\bar{D}^0D^{*0}$	15014	1	22383
15016	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+D^-D^{*+}$	15015	1	22384
15017	$e^+e^- \to K^0D^+D_s^{*-}\eta_c$	15016	1	22385
15018	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*\eta' D^-D^{*+}\bar{D}^{*-}\gamma$	15017	1	22386
15019	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0K^*K^-D^+D^{*+}\bar{D}^{*-}$	15018	1	22387
15020	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^-K^{*+}D^+\bar{D}^0\bar{n}\Delta^0$	15019	1	22388
15021	$e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}n\bar{\Delta}^+$	15020	1	22389
15022	$e^+e^- \to \pi^0\rho^-\eta K^{*+}K^{*-}\Delta^+\bar{\Xi}_c^{*0}$	15021	1	22390
15023	$e^+e^- \to \pi^0\pi^0\pi^-D^-\bar{D}^0D_s^+D_s^{*+}\gamma$	15022	1	22391
15024	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^{*+}D_2^{*-}\gamma$	15023	1	22392
15025	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-K^0\bar{K}^0K^+D^+J/\psi$	15024	1	22393
15026	$e^+e^- \to \mu^+\nu_\mu K^*\bar{D}^{*-}\psi'$	15025	1	22394
15027	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+n\bar{\Omega}_c^0$	15026	1	22395
15028	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta K^0K^-D^{*+}n\bar{\Sigma}_c^{*0}$	15027	1	22396
15029	$e^+e^- \to \eta\omega D^+D^-D_s^+D_s^{*-}$	15028	1	22397
15030	$e^+e^- \to \eta\bar{K}^*\eta_c J/\psi n\bar{\Lambda}$	15029	1	22398
15031	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-D^+D_1'^-$	15030	1	22399
15032	$e^+e^- \to \pi^-\rho^-\eta K^+D_2^{*+}D^0\bar{D}^{*0}$	15031	1	22400
15033	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\eta D^+D^0$	15032	1	22401
15034	$e^+e^- \to \pi^+\rho^-\omega D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}$	15033	1	22402
15035	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^*D^{*+}D^{*+}\bar{D}^{*-}$	15034	1	22403
15036	$e^+e^- \to \pi^0K^*K^-D^+D^-D^{*+}\bar{D}^0$	15035	1	22404
15037	$e^+e^- \to K^-D_2^{*+}D_s^{*-}\bar{\Lambda}\Sigma_c^+$	15036	1	22405
15038	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0D^+D^{*+}\bar{D}^{*-}$	15037	1	22406
15039	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^+K^+K^-D^-\bar{D}^{*-}$	15038	1	22407
15040	$e^+e^- \to \pi^0\pi^+\eta D^+D^-D_{s0}^{*-}$	15039	1	22408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15041	$e^+e^- \to e^+\nu_e\pi^0\rho^+\eta\eta K^-\bar{D}^{*-}D^{*0}$	15040	1	22409
15042	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\omega D^-D^{*+}$	15041	1	22410
15043	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^+D^-D_2^{*+}$	15042	1	22411
15044	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta K^0D^+D^0\bar{D}^0$	15043	1	22412
15045	$e^+e^- \to D^-D^{*+}D_s^{*-}\bar{\Delta}^+\Delta^{++}\gamma$	15044	1	22413
15046	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+D^+\bar{D}^{*-}$	15045	1	22414
15047	$e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^{*+}D_{s1}'^-$	15046	1	22415
15048	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\eta'D^-D^{*+}$	15047	1	22416
15049	$e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{D}^{*0}p\bar{p}$	15048	1	22417
15050	$e^+e^- \to \rho^+\eta D^-\bar{\Delta}^{++}\Sigma_c^{++}\gamma$	15049	1	22418
15051	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-}$	15050	1	22419
15052	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{n}p$	15051	1	22420
15053	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\omega K^-\phi D^+p\bar{\Lambda}$	15052	1	22421
15054	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta D^-D^0$	15053	1	22422
15055	$e^+e^- \to \rho^+\omega K^0K^{*-}D^+\bar{D}^{*-}$	15054	1	22423
15056	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^-D^0p\bar{p}$	15055	1	22424
15057	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^+D^-$	15056	1	22425
15058	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+}\Delta^0\bar{\Delta}^0$	15057	1	22426
15059	$e^+e^- \to \rho^0\rho^+\omega K^{*-}D^+D^-\bar{D}^{*0}$	15058	1	22427
15060	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta D^0D_s^+D_1^-$	15059	1	22428
15061	$e^+e^- \to \rho^-K^-D^{*+}\bar{\Sigma}^+\Sigma^-b_1^+$	15060	1	22429
15062	$e^+e^- \to \pi^0\pi^0\rho^-\rho^-\omega K^+D^{*+}\bar{D}^0D^{*0}$	15061	1	22430
15063	$e^+e^- \to \pi^+\pi^-D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda}a_1^+$	15062	1	22431
15064	$e^+e^- \to \pi^-\eta\omega K^*D^{*+}\eta_c$	15063	1	22432
15065	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^-\omega D^{*+}D^{*+}$	15064	1	22433
15066	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta'D^+D^-\Delta^-\bar{n}$	15065	1	22434
15067	$e^+e^- \to \pi^0\omega K^0K^-D^+D_2^{*-}D_s^{*+}$	15066	1	22435
15068	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*-}$	15067	1	22436
15069	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^0$	2283	1	22437
15070	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	15069	1	22438
15071	$e^+e^- \to \pi^0\rho^-D^+D^0n\bar{n}$	15070	1	22439
15072	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	15071	1	22440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15073	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\omega\bar{K}^0K^-D^-D^-D_s^{*+}$	15072	1	22441
15074	$e^+e^- \to \pi^-\eta\bar{K}^*K^{*+}D^-D^{*+}\bar{D}^0$	15073	1	22442
15075	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+D^{*+}\Delta^-\bar{n}$	2284	1	22443
15076	$e^+e^- \to \pi^-K^0K^0\bar{K}^*D^+D^+D^-$	15075	1	22444
15077	$e^+e^- \to \rho^+\rho^-K^0K^-K^-K^{*+}\bar{D}^0\bar{n}\Sigma_c^+$	15076	1	22445
15078	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta K^+D^{*+}p\bar{\Sigma}_c^{--}$	15077	1	22446
15079	$e^+e^- \to \pi^0\pi^0\pi^-K^*K^{*-}D^+D^+$	38	1	22447
15080	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^0K^0\bar{K}^0K^{*-}D^+D^-$	15079	1	22448
15081	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^*K^-\eta'D^-D_1^+$	2286	1	22449
15082	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}D^0$	15081	1	22450
15083	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^-K^{*+}D^+D^-\bar{\Sigma}^+\Xi^-$	15082	1	22451
15084	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^-D^{*+}D^{*+}$	15083	1	22452
15085	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega K^*K^-D^{*+}$	15084	1	22453
15086	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+K^*K^-K^{*-}\bar{D}^{*-}$	15085	1	22454
15087	$e^+e^- \to \pi^+\pi^+\eta D^-\bar{p}\Sigma_c^0$	15086	1	22455
15088	$e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}\bar{D}^{*-}\bar{D}^0$	2287	1	22456
15089	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\eta D^+D^-$	15088	1	22457
15090	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^-K^{*+}D^+D^-$	15089	1	22458
15091	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^-$	15090	1	22459
15092	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*0}$	15091	1	22460
15093	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta K^*K^{*-}D^{*+}\bar{D}^{*-}$	15092	1	22461
15094	$e^+e^- \to \rho^+\eta\omega K_SK^+K^{*-}D^-J/\psi$	15093	1	22462
15095	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D_s^+n\bar{p}$	15094	1	22463
15096	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{p}\Sigma_c^{++}$	15095	1	22464
15097	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\chi_{c0}$	15096	1	22465
15098	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^*\bar{K}^*K^-\Lambda\bar{\Sigma}_c^0$	15097	1	22466
15099	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-K^+D^+J/\psi$	15098	1	22467
15100	$e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0\bar{K}^0K^-D^{*+}D_s^{*+}$	15099	1	22468
15101	$e^+e^- \to \mu^+\nu_\mu\pi^0K^{*+}\bar{D}^{*-}D^0D_0^{*-}$	15100	1	22469
15102	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^-\bar{D}^0D^{*0}D_s^{*+}$	2288	1	22470
15103	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^-D_2^{*+}$	15102	1	22471
15104	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+K^*K^-D^+D^-D_s^{*-}$	15103	1	22472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15105	$e^+e^- \to \pi^-\pi^-\eta\bar{K}^0D^+D^{*+}\bar{D}^{*0}$	15104	1	22473
15106	$e^+e^- \to \rho^0\rho^-K^+D^+\bar{p}\Xi_c'^0$	15105	1	22474
15107	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\eta'D^+D^-$	15106	1	22475
15108	$e^+e^- \to \pi^-\omega K^0D^+D^+\bar{D}^{*-}$	15107	1	22476
15109	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+K^0\bar{D}^{*-}D^0D^0$	15108	1	22477
15110	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^-\bar{D}^0D^{*0}$	15109	1	22478
15111	$e^+e^- \to \bar{K}^0K^{*+}D^+D^-D^-D^{*0}\gamma$	15110	1	22479
15112	$e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}a_1^-$	15111	1	22480
15113	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^{*+}$	15112	1	22481
15114	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega D^-D^-n\bar{n}$	15113	1	22482
15115	$e^+e^- \to \pi^0\pi^0\rho^-\eta K^0K^{*-}D^+\Delta^+\bar{\Sigma}_c^{*0}$	15114	1	22483
15116	$e^+e^- \to \pi^+\pi^-\rho^-K^0D^{*+}D_s^{*+}D_s^{*-}$	519	1	22484
15117	$e^+e^- \to \rho^0\rho^0\pi^+K^0K^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	15116	1	22485
15118	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta'D^0\bar{D}^0$	2290	1	22486
15119	$e^+e^- \to \rho^+\omega\omega\omega D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	15118	1	22487
15120	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta K^{*+}K^{*-}D^-D^{*0}$	15119	1	22488
15121	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^*D^{*+}\bar{D}^0$	15120	1	22489
15122	$e^+e^- \to e^+\nu_e\rho^+\eta K^-\bar{D}^{*-}\eta_c$	15121	1	22490
15123	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\omega K^+K^-D^-\bar{D}^{*-}$	15122	1	22491
15124	$e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	520	1	22492
15125	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-D^-D^{*+}$	2292	1	22493
15126	$e^+e^- \to \pi^-\pi^-\eta\bar{K}^*K^+D^{*+}D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	15125	1	22494
15127	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\bar{K}^0D^-D^{*+}D_{s1}'^+$	2293	1	22495
15128	$e^+e^- \to \rho^0\pi^+\pi^-\eta D^{*+}D^0D_s^-$	15127	1	22496
15129	$e^+e^- \to \pi^0\rho^0\pi^+\eta D^{*+}\bar{D}^{*-}D_s^{*-}$	15128	1	22497
15130	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^+D^-\Sigma^0\bar{\Sigma}^-$	15129	1	22498
15131	$e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*0}n\bar{n}$	15130	1	22499
15132	$e^+e^- \to e^+\nu_e\rho^-\eta\omega D^+\bar{D}^{*-}$	15131	1	22500
15133	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^{*-}\eta'D^-J/\psi$	15132	1	22501
15134	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^-D^{*+}$	15133	1	22502
15135	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^0D^-\bar{D}^0D^{*0}$	15134	1	22503
15136	$e^+e^- \to \pi^+\pi^-\pi^-K^+D^+D^-D^{*0}$	15135	1	22504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15137	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	15136	1	22505
15138	$e^+e^- \to \rho^-D^-D_s^{*+}D_1^+$	15137	1	22506
15139	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+}n\bar{n}$	2294	1	22507
15140	$e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}\bar{\Sigma}^{*+}\Sigma^{*-}$	15139	1	22508
15141	$e^+e^- \to \pi^0\pi^+\pi^-K^*D^+D_s^{*-}J/\psi$	15140	1	22509
15142	$e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^-D_s^-$	15141	1	22510
15143	$e^+e^- \to \pi^-\omega\bar{K}^*K^-D^+D^{*+}\bar{D}^{*0}$	15142	1	22511
15144	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\omega D^+D^-$	15143	1	22512
15145	$e^+e^- \to \pi^-K^+\bar{D}^{*-}a_1^+\chi_{c1}$	15144	1	22513
15146	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^{*+}\bar{D}^{*-}\bar{n}p$	15145	1	22514
15147	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0$	15146	1	22515
15148	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-K^0K^+K^-K^-D^{*+}\bar{D}^{*-}$	15147	1	22516
15149	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-\bar{D}^{*-}D_s^{*+}$	15148	1	22517
15150	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*0}\bar{n}\Delta^0$	2295	1	22518
15151	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^+K^+D^-D^-\bar{n}\Lambda$	15150	1	22519
15152	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	15151	1	22520
15153	$e^+e^- \to \pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-}a_1^+$	15152	1	22521
15154	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta K^0K^-D^+\bar{D}^{*-}\bar{D}^{*-}$	15153	1	22522
15155	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}n\bar{p}\bar{\Sigma}^+\Lambda$	15154	1	22523
15156	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*0}D_s^-$	15155	1	22524
15157	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\eta D^-\bar{D}^{*-}$	15156	1	22525
15158	$e^+e^- \to \pi^0\pi^0\eta K^*D^{*+}\bar{D}^{*-}D^0$	15157	1	22526
15159	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0D^-D^0\bar{D}^{*0}$	15158	1	22527
15160	$e^+e^- \to \pi^0\rho^-\bar{D}^{*-}\bar{n}pD_1'^+$	15159	1	22528
15161	$e^+e^- \to \rho^+D^+D^-D_s^-p\bar{p}$	15160	1	22529
15162	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^+p\bar{\Delta}^{++}\Sigma^+\bar{\Sigma}^-$	15161	1	22530
15163	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^+D^-n\bar{n}$	15162	1	22531
15164	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta D^+D^-$	15163	1	22532
15165	$e^+e^- \to D^-D^{*+}D_s^+a_1^-$	15164	1	22533
15166	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^+K^+K^-K^-D^-D^{*+}$	15165	1	22534
15167	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-K^{*+}D^+\bar{D}^{*0}$	2296	1	22535
15168	$e^+e^- \to \pi^0\pi^+\eta D^{*+}\bar{D}^{*-}n\bar{n}a_1^-$	15167	1	22536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15169	$e^+e^- \to \pi^0\rho^+K^*K^-D^+D^-\gamma$	15168	1	22537
15170	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0K^+D^-D^-$	15169	1	22538
15171	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+K^-D^{*+}D_s^+D_s^-$	15170	1	22539
15172	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^-D_s^{*+}\chi_{c1}$	15171	1	22540
15173	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^-K^{*+}D^{*+}D^{*+}$	15172	1	22541
15174	$e^+e^- \to \eta\eta K^0K^*K^-D^+D^+\bar{D}^{*-}$	15173	1	22542
15175	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^0\bar{D}^0$	15174	1	22543
15176	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^-K^-K^{*+}D^+\bar{D}^0$	2297	1	22544
15177	$e^+e^- \to \rho^0\rho^0\rho^+\omega\bar{K}^0\bar{D}^{*-}J/\psi\gamma$	15176	1	22545
15178	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\Delta^0\bar{\Sigma}^+$	15177	1	22546
15179	$e^+e^- \to \rho^0\rho^+\rho^-D^+\Delta^0\bar{\Lambda}_c^-$	15178	1	22547
15180	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0\bar{D}^0$	15179	1	22548
15181	$e^+e^- \to \pi^+\pi^-K^+K^{*-}\phi\Sigma^0\bar{\Sigma}^0$	15180	1	22549
15182	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\omega D^-D_0^{*+}$	15181	1	22550
15183	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*D^-$	15182	1	22551
15184	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega K^+D^{*+}D_s^{*-}$	134	1	22552
15185	$e^+e^- \to \tau^+\nu_\tau\rho^0K^+K^{*-}\bar{D}^{*-}D^0$	15184	1	22553
15186	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}\Delta^-\bar{\Delta}^0$	15185	1	22554
15187	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta D^+D^-$	15186	1	22555
15188	$e^+e^- \to \pi^-\rho^+K^0K^0D^-D^{*+}D^{*0}$	15187	1	22556
15189	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^+K^-\phi D^+D^-$	2299	1	22557
15190	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	15189	1	22558
15191	$e^+e^- \to \pi^0\pi^0\rho^+\omega\omega D^+\bar{D}^{*-}n\bar{p}$	15190	1	22559
15192	$e^+e^- \to \pi^0K^-D^+D^{*+}\bar{D}^0D_s^{*-}$	15191	1	22560
15193	$e^+e^- \to e^+\nu_eD_s^{*+}D_1^-D_1^-$	15192	1	22561
15194	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D_2^{*-}D_s^+$	15193	1	22562
15195	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^+\rho^-K^0K^-D_s^-n\bar{p}$	15194	1	22563
15196	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^{*+}D^{*+}\bar{D}^{*-}$	15195	1	22564
15197	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	15196	1	22565
15198	$e^+e^- \to \eta D^+\Delta^0\bar{\Sigma}_c^0a_1^-$	15197	1	22566
15199	$e^+e^- \to e^+\nu_e\pi^-\eta\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	15198	1	22567
15200	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^-a_1^+$	15199	1	22568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15201	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*D^+D^-$	2300	1	22569
15202	$e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0J/\psi a_0^0$	15201	1	22570
15203	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{D}^0\bar{\Delta}^0p\bar{\Sigma}^{*-}\Lambda_c^+$	15202	1	22571
15204	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\eta K^+K^+K^-D^+D^{*+}\bar{D}^0$	15203	1	22572
15205	$e^+e^- \to \mu^+\nu_\mu\pi^0K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	2301	1	22573
15206	$e^+e^- \to \pi^0\pi^0\rho^-\rho^-\omega K^-K^{*+}D^+D^+$	15205	1	22574
15207	$e^+e^- \to \pi^0\pi^+K^-D^-\bar{D}^{*0}D_{s1}'^+$	15206	1	22575
15208	$e^+e^- \to \pi^+K^+K^+K^-D^-D^-D^0$	15207	1	22576
15209	$e^+e^- \to \rho^0\eta\bar{K}^*K^-K^{*+}D^+D^-\bar{D}^{*0}$	2302	1	22577
15210	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-K^*D^+D^+\bar{D}^0$	15209	1	22578
15211	$e^+e^- \to \pi^0\rho^0\rho^-\omega K^{*+}D^+D^-D^{*0}$	15210	1	22579
15212	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	15211	1	22580
15213	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^{*0}\bar{D}^{*0}D_0^{*-}$	15212	1	22581
15214	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\bar{K}^0K^*K^-\bar{D}^{*-}$	15213	1	22582
15215	$e^+e^- \to \pi^0\pi^-\omega D^+\bar{D}^{*-}a_1^+$	15214	1	22583
15216	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*-}\bar{\Delta}^{++}\Sigma_c^{*++}a_1^+$	522	1	22584
15217	$e^+e^- \to \pi^0\pi^-\eta\omega D^{*+}\bar{n}\Sigma_c^0$	15216	1	22585
15218	$e^+e^- \to \pi^-\bar{K}^0K^+D^-\bar{n}\Lambda_c^+$	15217	1	22586
15219	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^+D^-D_s^{*+}$	15218	1	22587
15220	$e^+e^- \to \pi^0\pi^0\pi^+\eta\omega K^-K^{*+}D^{*0}\Delta^-\bar{\Sigma}_c^{*0}$	15219	1	22588
15221	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^+D^-\bar{D}^{*-}$	15220	1	22589
15222	$e^+e^- \to \omega K^*D^+D_s^-D_s^{*+}D_s^{*-}$	15221	1	22590
15223	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+D^-D^{*+}\Delta^+\bar{\Delta}^{++}$	15222	1	22591
15224	$e^+e^- \to \pi^0\pi^-\omega\omega K^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	15223	1	22592
15225	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\bar{K}^*K^+\bar{D}^{*-}\bar{D}^0$	15224	1	22593
15226	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	523	1	22594
15227	$e^+e^- \to \mu^+\nu_\mu K_L\eta\bar{D}^{*-}\psi'$	15226	1	22595
15228	$e^+e^- \to \pi^0\pi^0K^0D^-\bar{\Delta}^-\Delta^0\eta_c(2S)$	15227	1	22596
15229	$e^+e^- \to \pi^+D^-D^0D_s^-n\bar{\Sigma}^+$	15228	1	22597
15230	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0K^-D^-D^0\bar{D}^0$	15229	1	22598
15231	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*-}$	15230	1	22599
15232	$e^+e^- \to \rho^-D^+D^-\bar{\Delta}^0\Delta^+$	15231	1	22600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15233	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\rho^-K^0K^-D^+D_1'^-$	15232	1	22601
15234	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}\bar{n}p$	15233	1	22602
15235	$e^+e^- \to \pi^+\pi^-\pi^-D^0\bar{D}^0D_s^{*+}$	2305	1	22603
15236	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0\bar{D}^{*-}\Sigma^-\bar{\Xi}_c^0$	15235	1	22604
15237	$e^+e^- \to \pi^+K^-D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Delta^{++}$	15236	1	22605
15238	$e^+e^- \to \pi^0\pi^0K^0D^+D_s^+D_s^-D_s^{*-}$	15237	1	22606
15239	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^-$	15238	1	22607
15240	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^-D^{*+}D^{*+}$	15239	1	22608
15241	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*-}$	524	1	22609
15242	$e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	15241	1	22610
15243	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0D^+\bar{D}^0\bar{D}^0D_s^+$	15242	1	22611
15244	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}$	15243	1	22612
15245	$e^+e^- \to \pi^-\pi^-\eta K^0D^+D^+$	15244	1	22613
15246	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-D^+\bar{D}^0D_s^{*+}$	15245	1	22614
15247	$e^+e^- \to \pi^+\pi^-K^*K^-D^{*+}J/\psi$	15246	1	22615
15248	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0K^-D^-D^{*+}$	15247	1	22616
15249	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta K^+D^-$	15248	1	22617
15250	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta'D^+\bar{D}^{*-}$	15249	1	22618
15251	$e^+e^- \to \pi^-D^{*+}D_s^{*-}p\bar{\Xi}_c'^0$	15250	1	22619
15252	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\rho^-\rho^-D^-D^-$	525	1	22620
15253	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\rho^-\bar{K}^0D^-D^{*+}$	15252	1	22621
15254	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}$	15253	1	22622
15255	$e^+e^- \to \pi^+\pi^-K^-K^{*+}\eta'D^+\bar{D}^{*-}p\bar{p}$	15254	1	22623
15256	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}D^0$	2308	1	22624
15257	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^{*+}D_1'^-$	15256	1	22625
15258	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^+D^-D^{*+}D^{*0}$	15257	1	22626
15259	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^+K^{*-}D^-D^-\bar{n}p$	15258	1	22627
15260	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\eta K^{*+}D^{*+}\bar{D}^{*0}$	15259	1	22628
15261	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^{*+}\Delta^-n\bar{\Delta}^0\bar{p}$	15260	1	22629
15262	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta\omega K^-D^-$	15261	1	22630
15263	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^+\bar{D}^{*-}D^0$	2309	1	22631
15264	$e^+e^- \to \pi^0\pi^0K^0\eta'\eta_c\bar{\Delta}^+\Sigma_c^{*+}$	15263	1	22632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15265	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta K^0\bar{K}^0D^+$	15264	1	22633
15266	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^{*-}D^-\bar{D}^0D^{*0}$	2310	1	22634
15267	$e^+e^- \to K^0\bar{K}^*K^-D^-D^{*+}\bar{D}^0D_s^{*+}$	15266	1	22635
15268	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^-D_1^+$	15267	1	22636
15269	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\eta K^-D^-D^-D^0\Sigma^0\bar{\Sigma}^0$	15268	1	22637
15270	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+K^-K^{*+}D^-D^0$	15269	1	22638
15271	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\bar{D}^{*-}n\bar{n}$	15270	1	22639
15272	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^-K^{*+}D^-D^0D_s^{*-}$	15271	1	22640
15273	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^0K^-D^+\bar{D}^{*-}$	15272	1	22641
15274	$e^+e^- \to \pi^0\pi^-\rho^+\eta D^-\bar{D}^0D_s^{*+}$	15273	1	22642
15275	$e^+e^- \to e^+\nu_e\pi^0\omega D^+\bar{D}^{*-}D_s^-$	15274	1	22643
15276	$e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	15275	1	22644
15277	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega K^0K^-D^{*+}$	15276	1	22645
15278	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\omega D^-D^0$	15277	1	22646
15279	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-}$	15278	1	22647
15280	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}J/\psi$	15279	1	22648
15281	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta D^-D^-$	15280	1	22649
15282	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{\Delta}^-n$	15281	1	22650
15283	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^+D^{*+}\bar{p}\Lambda$	15282	1	22651
15284	$e^+e^- \to \pi^+K^0K^-D^+\bar{D}^{*-}D^0\bar{D}^{*0}$	15283	1	22652
15285	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-\omega K^*D^{*+}\psi'$	15284	1	22653
15286	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\omega\bar{K}^0D^-D_s^{*+}$	15285	1	22654
15287	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\bar{D}^{*-}\bar{D}^0$	15286	1	22655
15288	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+\rho^-D^-D_1'^-$	15287	1	22656
15289	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	15288	1	22657
15290	$e^+e^- \to \pi^0\rho^+\rho^-\rho^-K^0D^{*+}\Delta^+\bar{\Sigma}_c^-$	15289	1	22658
15291	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0$	2311	1	22659
15292	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	15291	1	22660
15293	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^0K^0\bar{K}^0\bar{K}^0\bar{K}^0D^{*+}\eta_c$	15292	1	22661
15294	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0K^*K^-K^-D^+\bar{D}^{*-}$	2312	1	22662
15295	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}p\bar{p}$	15294	1	22663
15296	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-K^{*+}D^-D^-$	15295	1	22664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15297	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-K^0D^{*+}\bar{D}^{*0}$	2313	1	22665
15298	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0 n\bar{n}$	15297	1	22666
15299	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^-D_0^{*+}$	15298	1	22667
15300	$e^+e^- \to e^+\nu_e\pi^-\rho^+D^{*+}\bar{D}^{*-}D_1^-$	15299	1	22668
15301	$e^+e^- \to \rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-}\gamma$	39	1	22669
15302	$e^+e^- \to e^+\nu_e\pi^0\rho^+K^*D^-D_s^{*-}$	15301	1	22670
15303	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}$	15302	1	22671
15304	$e^+e^- \to \rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	15303	1	22672
15305	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0D^+D^-$	15304	1	22673
15306	$e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}D^{*0}p\bar{p}a_1^+$	15305	1	22674
15307	$e^+e^- \to \pi^0\pi^-\eta\omega K^0D^{*+}D^{*+}\bar{D}^{*-}$	2315	1	22675
15308	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{p}\Sigma_c^{*0}a_1^+$	15307	1	22676
15309	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D_2^{*+}D_s^-$	15308	1	22677
15310	$e^+e^- \to \pi^0\rho^+\rho^-\eta D^-D^{*+}$	15309	1	22678
15311	$e^+e^- \to \rho^-K^-D^+D^{*+}\bar{D}^{*0}$	2316	1	22679
15312	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0\Delta^-\bar{\Delta}^0$	15311	1	22680
15313	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}$	15312	1	22681
15314	$e^+e^- \to \pi^0\pi^-\eta\omega\omega K^{*+}D^{*0}\eta_c$	15313	1	22682
15315	$e^+e^- \to \pi^0\rho^0\rho^-D^+D_2^{*-}D_s^+$	15314	1	22683
15316	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega\omega K^0K^*K^-D^0D_s^{*-}$	15315	1	22684
15317	$e^+e^- \to \pi^+K^{*-}D^0\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Sigma}^-$	15316	1	22685
15318	$e^+e^- \to \pi^+\pi^-\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	15317	1	22686
15319	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\omega D^+\bar{D}^{*-}D_s^{*-}$	15318	1	22687
15320	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega K^{*+}K^{*-}D^-D^{*+}$	15319	1	22688
15321	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\omega\bar{K}^0\bar{D}^0\psi'$	15320	1	22689
15322	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-D^-D^{*+}D_s^-$	15321	1	22690
15323	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega K^0D^+D^-$	136	1	22691
15324	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\omega D^-D^{*+}$	15323	1	22692
15325	$e^+e^- \to e^+\nu_e\pi^0\pi^0\eta\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	15324	1	22693
15326	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+D^-D_s^{*-}$	15325	1	22694
15327	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^0$	15326	1	22695
15328	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^-D_0^{*+}$	15327	1	22696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15329	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0D_1^-\chi_{c0}$	15328	1	22697
15330	$e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	15329	1	22698
15331	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+K^+D^-\bar{D}^{*-}D^{*0}$	2318	1	22699
15332	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*0}a_1^-$	15331	1	22700
15333	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^0D^-D^-D^0$	15332	1	22701
15334	$e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	15333	1	22702
15335	$e^+e^- \to K^{*+}\bar{D}^{*-}D^0D_s^{*+}\bar{\Delta}^+\Sigma^{*0}$	15334	1	22703
15336	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\eta K^{*-}D_1^-$	15335	1	22704
15337	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-\eta\bar{K}^0D^{*+}D^{*+}$	15336	1	22705
15338	$e^+e^- \to \pi^0\rho^+\omega K^0K^0K^{*-}D^{*+}\bar{D}^{*-}$	15337	1	22706
15339	$e^+e^- \to \pi^-K^0\bar{K}^*D^+\bar{D}^{*-}D_s^{*+}$	15338	1	22707
15340	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}$	15339	1	22708
15341	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}D^0$	15340	1	22709
15342	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^+K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-}$	15341	1	22710
15343	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0D^-D^{*+}D^0$	2319	1	22711
15344	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+\bar{\Delta}^0\Sigma^{*-}$	15343	1	22712
15345	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^+K^0K^-D^{*+}\bar{D}^{*-}$	15344	1	22713
15346	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0\bar{\Delta}^0\bar{p}\Delta^+\Delta^+$	15345	1	22714
15347	$e^+e^- \to \eta'\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma_c^0$	15346	1	22715
15348	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}D^0\bar{D}^0$	15347	1	22716
15349	$e^+e^- \to \rho^-\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-}$	15348	1	22717
15350	$e^+e^- \to \pi^+\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	15349	1	22718
15351	$e^+e^- \to \pi^-\rho^-\bar{D}^0D_s^{*+}\bar{n}\Sigma_c^+$	15350	1	22719
15352	$e^+e^- \to \eta\omega\bar{K}^0\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*0}D_s^+$	15351	1	22720
15353	$e^+e^- \to \pi^-\omega p\bar{\Delta}^+\bar{\Lambda}_c^-\Sigma_c^{++}$	15352	1	22721
15354	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\bar{K}^*D^-\bar{D}^{*-}D^0$	15353	1	22722
15355	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-}$	15354	1	22723
15356	$e^+e^- \to \pi^+K^-\bar{D}^{*-}\chi_{c2}D_{s1}'^+$	15355	1	22724
15357	$e^+e^- \to \pi^+\rho^+\rho^-\omega\omega D^-\bar{D}^{*-}a_1^+$	15356	1	22725
15358	$e^+e^- \to \tau^+\nu_\tau K^+D^-D^-D^0$	15357	1	22726
15359	$e^+e^- \to \pi^+\pi^-K^*K^+D^-D^{*+}\bar{D}^{*-}\bar{n}\Lambda$	15358	1	22727
15360	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*\Lambda\bar{\Sigma}_c^0D_1^+$	15359	1	22728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15361	$e^+e^- \to \pi^-\omega D^{*+}D^{*+}\bar{D}^0 D_{s0}^{*-}$	15360	1	22729
15362	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^-K^0\bar{K}^0K^+D^-D_1'^+$	15361	1	22730
15363	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D^0D_1^+$	15362	1	22731
15364	$e^+e^- \to \pi^+\pi^-K^{*+}D^-D^{*0}D^{*0}$	15363	1	22732
15365	$e^+e^- \to K^+D^-D^-D^{*0}D_s^+$	15364	1	22733
15366	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	15365	1	22734
15367	$e^+e^- \to \pi^0\rho^+\eta K^0K^{*-}\eta'D^+D^-$	15366	1	22735
15368	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^-D^+D_0^{*+}$	15367	1	22736
15369	$e^+e^- \to \rho^0\pi^-\bar{K}^0K^*\bar{K}^*K^+D^+D^-$	15368	1	22737
15370	$e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D_2^{*+}D_1'^+$	15369	1	22738
15371	$e^+e^- \to \pi^0\rho^0\pi^-D^+D^{*+}\bar{D}^{*-}\gamma$	2320	1	22739
15372	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0}$	15371	1	22740
15373	$e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	15372	1	22741
15374	$e^+e^- \to e^+\nu_e\bar{K}^*K^+K^-D^-\eta_c$	15373	1	22742
15375	$e^+e^- \to \pi^0K^-D^{*+}\bar{D}^0\bar{\Delta}^0\Sigma_c^0$	2321	1	22743
15376	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0K^0\bar{D}^{*-}\bar{D}^{*0}\gamma$	15375	1	22744
15377	$e^+e^- \to \rho^+\rho^-\eta K^+K^-D^+D^-$	15376	1	22745
15378	$e^+e^- \to \rho^0\rho^0\pi^-\eta\omega D^{*+}D^{*+}D_s^{*-}$	15377	1	22746
15379	$e^+e^- \to e^+\nu_e\pi^+\pi^+K^-D^-\bar{D}^{*-}D^0$	15378	1	22747
15380	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta K^-K^{*+}K^{*+}D^+D^-D^0$	15379	1	22748
15381	$e^+e^- \to \pi^0\pi^-\rho^-K^+\bar{D}^0\bar{D}^0D^{*0}D_s^{*+}$	15380	1	22749
15382	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}D^{*0}D_s^-$	15381	1	22750
15383	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-}$	2322	1	22751
15384	$e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^*K^+K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-}$	15383	1	22752
15385	$e^+e^- \to \mu^-\bar{\nu}_\mu D_s^{*+}D_1'^+D_1'^-$	15384	1	22753
15386	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^0\bar{K}^*D^-D^{*+}$	15385	1	22754
15387	$e^+e^- \to \bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}D_{s1}'^-$	15386	1	22755
15388	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}D_s^+$	15387	1	22756
15389	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^+D^-D_s^{*+}$	15388	1	22757
15390	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-}$	15389	1	22758
15391	$e^+e^- \to \rho^0\rho^+\rho^-\omega D^-D^{*+}D^0$	15390	1	22759
15392	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}D_1'^-$	15391	1	22760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15393	$e^+e^- \to \pi^0\rho^0\bar{K}^0 J/\psi n\bar{\Sigma}_c^0$	15392	1	22761
15394	$e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}D_s^+D_s^{*+}$	15393	1	22762
15395	$e^+e^- \to \pi^+\rho^+\bar{K}^0D^+D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	15394	1	22763
15396	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^{*+}\bar{D}^0D_0^{*-}$	2323	1	22764
15397	$e^+e^- \to \pi^0\rho^0\pi^+\eta K^0K^{*-}J/\psi\bar{p}\Lambda_c^+$	15396	1	22765
15398	$e^+e^- \to \pi^0\pi^0\bar{K}^*D^+D^-D^{*+}D_s^-$	15397	1	22766
15399	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	15398	1	22767
15400	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^-D^{*+}\bar{n}p$	15399	1	22768
15401	$e^+e^- \to D^-\bar{D}^{*-}a_1^+D_{s1}'^+$	15400	1	22769
15402	$e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}D_s^-$	15401	1	22770
15403	$e^+e^- \to \pi^+\rho^-\eta\omega\omega K^-K^{*+}D^+\bar{D}^{*-}$	15402	1	22771
15404	$e^+e^- \to K^0K^-D^{*+}D^{*+}\bar{D}^{*-}n\bar{\Lambda}$	15403	1	22772
15405	$e^+e^- \to \pi^+\pi^-\pi^-K^{*+}D^+D^-D^{*0}$	15404	1	22773
15406	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta\eta\omega\omega K^0D^{*+}$	15405	1	22774
15407	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\eta D^+D_2^{*-}$	15406	1	22775
15408	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0K^*K^{*-}D^+\bar{D}^0$	15407	1	22776
15409	$e^+e^- \to \pi^+\pi^+\omega\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-}n\bar{p}$	15408	1	22777
15410	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^*K^+D^{*+}\bar{D}^{*-}D_s^-$	15409	1	22778
15411	$e^+e^- \to \pi^+\pi^+\rho^-\omega\omega\bar{K}^0D^-D^0$	15410	1	22779
15412	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+K^-D^+D^-$	15411	1	22780
15413	$e^+e^- \to \pi^0\pi^0\omega\bar{K}^0\eta_c\Delta^0\bar{\Sigma}_c^0$	15412	1	22781
15414	$e^+e^- \to \pi^+\pi^-\rho^-K^0K^0\bar{K}^0\phi D^+\eta_c(2S)$	15413	1	22782
15415	$e^+e^- \to \pi^+\pi^-\rho^-\omega\omega D^+D^-D_s^+$	15414	1	22783
15416	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_{s1}'^+$	15415	1	22784
15417	$e^+e^- \to \rho^+\rho^-K^-J/\psi\Delta^+\bar{\Sigma}_c^{*0}$	15416	1	22785
15418	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}\bar{D}^{*0}D_s^{*+}$	15417	1	22786
15419	$e^+e^- \to \pi^-\eta\omega K^+D^+D_s^{*-}J/\psi$	15418	1	22787
15420	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*+}$	15419	1	22788
15421	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\bar{D}^{*0}D_1^-$	15420	1	22789
15422	$e^+e^- \to D^-D^0D_s^{*+}n\bar{n}$	15421	1	22790
15423	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+D^-D^{*0}\bar{D}^{*0}$	15422	1	22791
15424	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_s^-$	15423	1	22792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15425	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^- D^{*+} D_1'^-$	15424	1	22793
15426	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\pi^-\rho^+ D^{*+} D^{*+}$	15425	1	22794
15427	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\bar{D}^{*-} D^{*0}$	15426	1	22795
15428	$e^+e^- \to \pi^+\rho^-\eta\eta\omega K^- D_s^{*+} p\bar{\Lambda}_c^-$	15427	1	22796
15429	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-} D^{*0}$	15428	1	22797
15430	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+}\bar{\Delta}^+\Lambda_c^+$	15429	1	22798
15431	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0 K^+\bar{D}^{*-}\bar{D}^{*-}$	15430	1	22799
15432	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^- D^+\bar{D}^{*0}$	15431	1	22800
15433	$e^+e^- \to \pi^-\rho^+ D^+ p\bar{\Sigma}_c^{*--}$	2324	1	22801
15434	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0 K^{*-} D^+ D^-$	15433	1	22802
15435	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	15434	1	22803
15436	$e^+e^- \to \pi^0 K^* K^- D^+ K_1^0\psi(3770)$	15435	1	22804
15437	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+ D^-$	15436	1	22805
15438	$e^+e^- \to \rho^+ K^{*+} K^{*-}\bar{D}^{*-}\bar{D}^{*-} a_1^+$	15437	1	22806
15439	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^- K^+ D^{*+} D_s^{*-}$	15438	1	22807
15440	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\eta D^{*0} D^{*0}$	15439	1	22808
15441	$e^+e^- \to \mu^+\nu_\mu D^0 n\bar{n} D_1^-$	15440	1	22809
15442	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+ K^* D^{*+}\bar{D}^0$	15441	1	22810
15443	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta D^+\bar{D}^{*-} D^0$	15442	1	22811
15444	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega\bar{K}^0 D^+ D^-\bar{D}^{*-}$	15443	1	22812
15445	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^-\eta K^+ D^+$	15444	1	22813
15446	$e^+e^- \to D^- J/\psi\bar{\Delta}^+\Delta^{++}\bar{K}_1^0\gamma$	15445	1	22814
15447	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- D^- D^{*+}\bar{\Delta}^-\Delta^-$	15446	1	22815
15448	$e^+e^- \to \rho^0\rho^-\eta\omega K^+\eta' D^+ D_s^{*-}$	15447	1	22816
15449	$e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^+ D^-\bar{\Delta}^+\Delta^{++}$	15448	1	22817
15450	$e^+e^- \to \pi^0\pi^+ D^+ D^- D_s^{*-}$	2325	1	22818
15451	$e^+e^- \to \pi^0\pi^+\eta K^-\bar{D}^{*-}\bar{\Delta}^0\Delta^{++}\bar{\Delta}^{++}\Lambda_c^+$	15450	1	22819
15452	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\eta\omega\omega K^0\bar{K}^0\bar{D}^{*-}$	15451	1	22820
15453	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+ K^0\phi D^+\bar{D}^{*-}$	15452	1	22821
15454	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^+ D^+\bar{D}^{*-} D^{*0}$	15453	1	22822
15455	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^+ D^+ p\bar{p}$	15454	1	22823
15456	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega\bar{K}^*\bar{D}^{*-} D_s^+$	15455	1	22824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15457	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-}$	15456	1	22825
15458	$e^+e^- \to e^+\nu_e\pi^+\pi^- K^0 D^-\psi'$	15457	1	22826
15459	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^- D^+ D_s^+$	2326	1	22827
15460	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega D^- D^- a_1^+$	15459	1	22828
15461	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega K^0 K^- D^+ D^-$	15460	1	22829
15462	$e^+e^- \to \bar{D}^{*-} D_s^+ D_s^{*+} D_1'^-$	2327	1	22830
15463	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0 D^+ D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	15462	1	22831
15464	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^* K^+ D^{*+} D^0 D_s^-$	15463	1	22832
15465	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\phi D^{*+}\eta_c$	15464	1	22833
15466	$e^+e^- \to e^-\bar{\nu}_e D^{*+} D^{*0} n\bar{\Delta}^0$	15465	1	22834
15467	$e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\bar{D}^{*-} D_1^-$	15466	1	22835
15468	$e^+e^- \to \pi^0 K^{*-} D^{*+}\bar{D}^{*-} D_s^+$	15467	1	22836
15469	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}\bar{n}p$	15468	1	22837
15470	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^- D^+ n\bar{n}$	15469	1	22838
15471	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0 D^+\bar{D}^{*-} n\bar{p}$	15470	1	22839
15472	$e^+e^- \to \pi^+\pi^- D^+\bar{D}^{*-} D_s^-\bar{\Delta}^- n$	15471	1	22840
15473	$e^+e^- \to e^+\nu_e\pi^0 D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*0}$	15472	1	22841
15474	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega\omega D^+ D^-\gamma$	15473	1	22842
15475	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+ K^0 D^{*+}\bar{D}^{*0}$	15474	1	22843
15476	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- K^* D^+ D^- D^{*0}$	15475	1	22844
15477	$e^+e^- \to \pi^0\rho^+\rho^+\eta K^*\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}$	15476	1	22845
15478	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega\bar{D}^{*-} D_1^+$	15477	1	22846
15479	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-} D^0$	15478	1	22847
15480	$e^+e^- \to \rho^+\omega\bar{K}^0 D^- D^{*0}\bar{D}^{*0}$	15479	1	22848
15481	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^- D^{*+}$	15480	1	22849
15482	$e^+e^- \to \pi^+\pi^-\omega K^0 D^+\bar{D}^{*-}$	15481	1	22850
15483	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_s^+ D_1^-$	15482	1	22851
15484	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0}$	15483	1	22852
15485	$e^+e^- \to \pi^0 D^{*+}\bar{D}^{*-} D_s^{*+} n\bar{p}$	2328	1	22853
15486	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^{*+} D_1^-$	15485	1	22854
15487	$e^+e^- \to \pi^0\rho^+\eta\bar{K}^* D^+ D^-\bar{D}^{*-}$	15486	1	22855
15488	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\pi^- D^{*+}$	15487	1	22856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15489	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^*K^-D^-D^-D_s^+$	15488	1	22857
15490	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\omega D^+K_0^{*+}$	15489	1	22858
15491	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	15490	1	22859
15492	$e^+e^- \to \pi^0\pi^0\omega K^0\bar{K}^0K^{*+}D^-D^-D^{*+}$	2329	1	22860
15493	$e^+e^- \to \omega n\bar{\Sigma}_c^0K_1^0\psi'$	15492	1	22861
15494	$e^+e^- \to \pi^+\rho^+\bar{D}^{*-}D^0D_s^{*-}$	15493	1	22862
15495	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D_1'^+$	15494	1	22863
15496	$e^+e^- \to \pi^-\pi^-K^0\bar{K}^0D^+\bar{n}\Sigma_c^+$	15495	1	22864
15497	$e^+e^- \to \pi^+K^+K^-\bar{D}^{*-}D^0\chi_{c0}$	15496	1	22865
15498	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0K^*D^+D^-$	528	1	22866
15499	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\rho^+K^+D^{*+}D_s^{*-}$	15498	1	22867
15500	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^*D^-\bar{D}^{*-}$	15499	1	22868
15501	$e^+e^- \to \rho^-\eta'D^+\bar{D}^{*-}D_{s1}'^+$	15500	1	22869
15502	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^*K^-D^+\bar{D}^{*-}D_{s1}'^+$	15501	1	22870
15503	$e^+e^- \to K^*D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	15502	1	22871
15504	$e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	15503	1	22872
15505	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}n\bar{\Sigma}_c^-$	15504	1	22873
15506	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-K^+K^-D^{*+}\bar{D}^{*-}$	15505	1	22874
15507	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}$	15506	1	22875
15508	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\eta K^0D^-D^0D^0$	15507	1	22876
15509	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	15508	1	22877
15510	$e^+e^- \to e^+\nu_e\rho^+\eta\omega D^-\bar{D}^{*-}$	15509	1	22878
15511	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0D^+D^-$	15510	1	22879
15512	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}D^{*+}p\bar{p}$	15511	1	22880
15513	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-\Delta^+\bar{\Delta}^+$	15512	1	22881
15514	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\rho^-K^-D_0^{*-}$	15513	1	22882
15515	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega D^+D^{*+}$	15514	1	22883
15516	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+D^-D_s^{*-}$	15515	1	22884
15517	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+D_2^{*-}$	15516	1	22885
15518	$e^+e^- \to \pi^0\pi^0D^+n\Delta^0\bar{p}\bar{\Xi}_c^0$	15517	1	22886
15519	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0K^*D^{*+}\bar{D}^{*-}D^{*0}$	15518	1	22887
15520	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^-D_1^+$	15519	1	22888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15521	$e^+e^- \to \pi^0\pi^0\rho^- D_2^{*+}\bar{D}^0$	15520	1	22889
15522	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\omega\omega D^- D^{*+}$	2331	1	22890
15523	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^+K^{*+}D^-\Lambda\bar{\Sigma}_c^-$	15522	1	22891
15524	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	2332	1	22892
15525	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\rho^- D^- D_2^{*+}$	15524	1	22893
15526	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*+}K^{*-}D^-\bar{D}^{*0}$	15525	1	22894
15527	$e^+e^- \to \pi^0\rho^+\rho^+\rho^- D^- D^0 n\bar{\Delta}^0$	15526	1	22895
15528	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^+K^-D^-D^{*0}D_s^{*-}$	15527	1	22896
15529	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^0K^0\bar{K}^0K^*\bar{K}^*D^+$	15528	1	22897
15530	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta D^- D^-\Lambda\bar{\Sigma}^0$	15529	1	22898
15531	$e^+e^- \to \pi^0\pi^0 D^- D^{*+}\bar{D}^{*-}D_s^{*+}$	2333	1	22899
15532	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-\eta D^+\bar{D}^{*-}\gamma$	15531	1	22900
15533	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{D}^0$	15532	1	22901
15534	$e^+e^- \to \pi^0\pi^+\pi^+D^+D^- n\bar{\Delta}^{++}$	15533	1	22902
15535	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^0\bar{D}^0D_1^+$	2334	1	22903
15536	$e^+e^- \to \pi^-K^+K^-D^+D_s^+D_1'^-$	15535	1	22904
15537	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega D^{*+}\bar{\Lambda}\Xi_c'^+$	15536	1	22905
15538	$e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\eta_c a_1^-$	15537	1	22906
15539	$e^+e^- \to \rho^0\pi^-\omega D^+D_s^{*-}\Delta^+\bar{\Sigma}^0$	15538	1	22907
15540	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^-K^{*+}D^+\bar{D}^{*-}$	15539	1	22908
15541	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\rho^+\rho^+K^*D^{*+}\bar{D}^0$	15540	1	22909
15542	$e^+e^- \to \pi^-K^{*+}D^-D^0\bar{D}^0D_s^+$	15541	1	22910
15543	$e^+e^- \to \pi^+\pi^-\eta K^0K^*K^+K^{*-}\bar{D}^0\bar{\Delta}^0\Omega_c^{*0}$	15542	1	22911
15544	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-D_s^+\bar{\Delta}^+\Sigma^0$	15543	1	22912
15545	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^-\eta' D^{*+}D^0$	15544	1	22913
15546	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^{*+}\bar{D}^0$	15545	1	22914
15547	$e^+e^- \to \eta K^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Xi^0$	15546	1	22915
15548	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta\bar{K}^*K^+\bar{D}^{*-}\bar{D}^0$	15547	1	22916
15549	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^+D^- n\bar{p}$	15548	1	22917
15550	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0$	15549	1	22918
15551	$e^+e^- \to \pi^0\rho^0K^{*-}D^+\bar{D}^{*-}a_1^+$	15550	1	22919
15552	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^0\bar{K}^0\bar{K}^0K^+D^-D^{*+}$	15551	1	22920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15553	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0\bar{K}^0K^*D_2^{*+}\bar{D}^0$	15552	1	22921
15554	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}\Delta^+\bar{\Lambda}$	15553	1	22922
15555	$e^+e^- \to e^+\nu_e D^-D^{*0}p\bar{\Delta}^+$	15554	1	22923
15556	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega K^+K^{*-}D^+D^-$	15555	1	22924
15557	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^-K^-K^{*+}D^-\bar{D}^{*-}$	15556	1	22925
15558	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+D^{*0}nn\bar{\Delta}^0\bar{p}$	15557	1	22926
15559	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0D^-D_s^+$	15558	1	22927
15560	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0$	15559	1	22928
15561	$e^+e^- \to \rho^0\pi^+\omega\omega\omega K^-\bar{D}^{*0}\chi_{c2}$	15560	1	22929
15562	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}D^{*0}$	15561	1	22930
15563	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{p}\Lambda_c^+$	15562	1	22931
15564	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta K^*\bar{D}^{*-}\bar{D}^{*-}D^0$	15563	1	22932
15565	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-K^+K^+K^-D^{*+}$	15564	1	22933
15566	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^+D^-\gamma$	15565	1	22934
15567	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	15566	1	22935
15568	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*0}$	15567	1	22936
15569	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^0K^+\bar{D}^{*-}D_s^-$	15568	1	22937
15570	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+}$	15569	1	22938
15571	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}$	15570	1	22939
15572	$e^+e^- \to \rho^0\bar{K}^0K^+D^-D^{*+}a_1^-$	15571	1	22940
15573	$e^+e^- \to \rho^0\pi^-\omega D^+D^-\bar{\Delta}^0p$	15572	1	22941
15574	$e^+e^- \to \pi^+\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^0p\bar{p}$	15573	1	22942
15575	$e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-}$	15574	1	22943
15576	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\bar{D}^{*-}n\bar{\Sigma}_c^0$	15575	1	22944
15577	$e^+e^- \to \rho^0\pi^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	15576	1	22945
15578	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega K^*D^+p\bar{\Lambda}_c^-$	15577	1	22946
15579	$e^+e^- \to \pi^0\pi^-\pi^-\omega\bar{K}^0D^+D^{*+}$	15578	1	22947
15580	$e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^0a_1^+$	15579	1	22948
15581	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta\omega D^{*+}D^{*+}$	15580	1	22949
15582	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0n\bar{n}$	15581	1	22950
15583	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-K^*\bar{K}^*D^-D^{*+}$	15582	1	22951
15584	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*0}D_s^{*+}$	15583	1	22952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15585	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^- D^0$	15584	1	22953
15586	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	529	1	22954
15587	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\pi^- K^0\bar{K}^0 D^+\bar{D}^{*0}$	15586	1	22955
15588	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^* D^+ D^- D^{*0}\bar{D}^{*0}$	15587	1	22956
15589	$e^+e^- \to \bar{K}^0 K^+ D^+ D^- D_s^{*-}$	15588	1	22957
15590	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^- D^- D^{*+}\bar{D}^{*0}$	15589	1	22958
15591	$e^+e^- \to \pi^0\pi^0\eta K^+ K^- D^- D^{*0} D_s^{*+}$	15590	1	22959
15592	$e^+e^- \to \pi^0\pi^-\bar{K}^0 D^{*+} J/\psi$	15591	1	22960
15593	$e^+e^- \to \pi^0 K^0\bar{K}^0 D^0\bar{D}^{*0} J/\psi$	15592	1	22961
15594	$e^+e^- \to \omega K^0 K^- D^{*+} p\bar{\Lambda}_c^-$	15593	1	22962
15595	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\omega K^+ K^- D^{*+}\bar{D}^{*-}$	15594	1	22963
15596	$e^+e^- \to \rho^0\pi^-\omega D^- D^{*+} D_s^+$	15595	1	22964
15597	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0 D^- D^{*+}\bar{D}^{*-}$	15596	1	22965
15598	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^0 D^{*+}\bar{D}^{*0}$	15597	1	22966
15599	$e^+e^- \to \pi^0\pi^-\eta K^0 D^+\bar{D}^0 D^{*0}$	15598	1	22967
15600	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\bar{K}^0 K^+ D^- D^{*+}$	15599	1	22968
15601	$e^+e^- \to \pi^0\rho^+\eta K^* K^{*-} D^+ D^-$	2336	1	22969
15602	$e^+e^- \to \rho^0\pi^+\pi^+\pi^- K^0\bar{K}^0 D^+ D^- D_s^-$	15601	1	22970
15603	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 K^+ D^{*+}\bar{D}^{*-} D^{*0}$	15602	1	22971
15604	$e^+e^- \to \pi^0\rho^-\omega K^0 D^+\bar{D}^{*-}\bar{\Delta}^-\Sigma^0$	15603	1	22972
15605	$e^+e^- \to \rho^0\rho^0\rho^+\rho^+ K^- D^- D^{*0}$	15604	1	22973
15606	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	15605	1	22974
15607	$e^+e^- \to \pi^+\pi^- K^- D^+ D^-\bar{D}^{*0} D_s^+$	15606	1	22975
15608	$e^+e^- \to K^0 K^- D^- D^{*+} D_s^{*+}$	15607	1	22976
15609	$e^+e^- \to e^+\nu_e\pi^0\rho^-\bar{K}^0 D^+\bar{D}^{*-}$	15608	1	22977
15610	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\omega K^0\phi D^+$	2337	1	22978
15611	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\eta\bar{K}^0 K^{*+} D^+ D^-$	15610	1	22979
15612	$e^+e^- \to \pi^0\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^+$	15611	1	22980
15613	$e^+e^- \to \bar{K}^* K_1^0\chi_{c0}\psi'$	15612	1	22981
15614	$e^+e^- \to \pi^0\pi^-\rho^- K^0\bar{K}^* K^+ K^+ K^{*-} D^{*+}$	15613	1	22982
15615	$e^+e^- \to \pi^+ K^0 K^0\bar{K}^0\bar{K}^0 K^* K^{*-} D^- D^{*+}\bar{D}^0$	15614	1	22983
15616	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\rho^+\rho^- D^- D^{*+}$	15615	1	22984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15617	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^-D^+D^{*+}\gamma$	15616	1	22985
15618	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^0K^-D^+D^0$	15617	1	22986
15619	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^0D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	15618	1	22987
15620	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^*D^+D^0\bar{D}^0$	2338	1	22988
15621	$e^+e^- \to e^-\bar{\nu}_e\omega D^-D^{*+}\bar{n}\Delta^+$	2339	1	22989
15622	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	15621	1	22990
15623	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^0a_1^-$	2340	1	22991
15624	$e^+e^- \to \pi^0\pi^-\rho^+\omega\omega\bar{K}^0\bar{K}^*K^{*+}D^-$	15623	1	22992
15625	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0K^*K^{*-}D_s^{*-}D_1^+$	15624	1	22993
15626	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D_s^-D_1^+$	15625	1	22994
15627	$e^+e^- \to \pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	15626	1	22995
15628	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+}D_{s1}'^-$	15627	1	22996
15629	$e^+e^- \to \bar{K}^*K^+D^-\bar{D}^{*-}D_{s1}'^+$	15628	1	22997
15630	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^{*+}D_1^-$	15629	1	22998
15631	$e^+e^- \to e^+\nu_e\pi^0\rho^0\eta K^*K^-D^{*+}\bar{D}^{*-}$	15630	1	22999
15632	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^*K^-\bar{D}^{*-}D^{*0}$	15631	1	23000
15633	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^+\rho^-K^-D^+D^0$	2341	1	23001
15634	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}D^{*0}$	2342	1	23002
15635	$e^+e^- \to \rho^0\rho^-K^*D^+D^-D^{*+}$	15634	1	23003
15636	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	15635	1	23004
15637	$e^+e^- \to \rho^-K^*D^+D^{*0}\bar{D}^{*0}n\bar{n}$	2343	1	23005
15638	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^0D_s^{*-}$	15637	1	23006
15639	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	15638	1	23007
15640	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^{*+}D^-\bar{D}^{*-}D^0$	15639	1	23008
15641	$e^+e^- \to \pi^0\rho^-\rho^-\omega K^+D^{*+}\bar{D}^{*0}$	15640	1	23009
15642	$e^+e^- \to \rho^-D^+D_2^{*+}D_{s0}^{*-}\gamma$	15641	1	23010
15643	$e^+e^- \to \rho^0\pi^+\rho^+\rho^+K^{*-}D^-\bar{D}^{*-}$	15642	1	23011
15644	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta\omega D^+D^-$	15643	1	23012
15645	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\eta\eta\omega\bar{D}^{*-}D^{*0}$	15644	1	23013
15646	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^{*+}D_0^{*+}$	15645	1	23014
15647	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	15646	1	23015
15648	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^-D^{*+}$	15647	1	23016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15649	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0$	2344	1	23017
15650	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-\bar{D}^0\bar{n}\Delta^+$	15649	1	23018
15651	$e^+e^- \to \pi^0\pi^-K^0K^{*+}D^-D^{*+}D^{*+}\bar{D}^{*-}$	15650	1	23019
15652	$e^+e^- \to \pi^0K^*K^-D^+D^-D^{*+}\bar{D}^{*0}$	2345	1	23020
15653	$e^+e^- \to D^-D^{*+}\bar{D}^{*-}a_1^+$	15652	1	23021
15654	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^0\bar{D}^{*-}\bar{n}\Lambda_c^+$	2346	1	23022
15655	$e^+e^- \to \pi^+\omega\omega\bar{D}^{*0}n\bar{\Delta}^0\bar{p}\Sigma_c^{*0}$	15654	1	23023
15656	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\eta\omega\bar{K}^0K^{*+}D^+D^-$	15655	1	23024
15657	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{K}^0K^+D^-\bar{D}^{*-}$	15656	1	23025
15658	$e^+e^- \to \pi^-K^0K^+D^-D^{*+}D^0$	15657	1	23026
15659	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D_2^{*-}D_0^{*+}\gamma$	15658	1	23027
15660	$e^+e^- \to \pi^0\rho^-\eta\omega\bar{K}^0K^+D^-D^{*+}$	530	1	23028
15661	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^0$	2348	1	23029
15662	$e^+e^- \to K^+D^-D^{*+}D^{*0}D_{s0}^{*-}$	15661	1	23030
15663	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*+}K^{*-}K^{*-}\bar{D}^{*0}$	531	1	23031
15664	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^0D^{*+}\bar{D}^{*-}$	2350	1	23032
15665	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0K^{*-}D^+\bar{D}^0$	15664	1	23033
15666	$e^+e^- \to \pi^0\pi^-K^+K^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0}$	15665	1	23034
15667	$e^+e^- \to \pi^-K^{*+}D^-D_s^{*+}\eta_c$	15666	1	23035
15668	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-\bar{D}^{*-}D_s^{*+}$	15667	1	23036
15669	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta K^+K^-D^0\bar{D}^0$	15668	1	23037
15670	$e^+e^- \to \rho^+K^0K^+K^-K^-D^+D_2^{*-}$	15669	1	23038
15671	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^-\eta_cD_1'^-$	15670	1	23039
15672	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^{*+}D^0\bar{D}^0D_s^{*-}$	15671	1	23040
15673	$e^+e^- \to \pi^0\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0}$	15672	1	23041
15674	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-\eta\omega D^{*+}\bar{D}^0$	15673	1	23042
15675	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-D_2^{*+}\bar{D}^0D_s^+$	15674	1	23043
15676	$e^+e^- \to \pi^0K^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	15675	1	23044
15677	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	15676	1	23045
15678	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	2351	1	23046
15679	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0K^*D^+D^-$	15678	1	23047
15680	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*0}$	15679	1	23048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15681	$e^+e^- \to \pi^0\pi^+K^*D^-\bar{\Delta}^+\Xi_c'^+\gamma$	15680	1	23049
15682	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+K^-\bar{D}^0D_s^+D_s^+$	15681	1	23050
15683	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\omega\eta'D^-$	2352	1	23051
15684	$e^+e^- \to e^+\nu_eK^-D^+D^-$	15683	1	23052
15685	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^{*0}$	15684	1	23053
15686	$e^+e^- \to \tau^+\nu_\tau K^0\bar{K}^0D^+\bar{D}^{*-}\bar{p}\Lambda$	15685	1	23054
15687	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega K^0K^{*-}D^+D^-$	15686	1	23055
15688	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta\bar{D}^{*-}D_0^{*+}$	15687	1	23056
15689	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}\gamma$	15688	1	23057
15690	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}$	15689	1	23058
15691	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}\bar{D}^{*-}$	15690	1	23059
15692	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^+$	15691	1	23060
15693	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}$	15692	1	23061
15694	$e^+e^- \to \pi^-\eta D^{*+}D^{*+}D_s^-$	15693	1	23062
15695	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^0D^{*0}\bar{D}^{*0}p\bar{p}$	15694	1	23063
15696	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^{*+}K^{*-}D^+\bar{D}^{*-}$	532	1	23064
15697	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-}$	15696	1	23065
15698	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}p\bar{p}$	15697	1	23066
15699	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+}$	15698	1	23067
15700	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta\omega D^+D^{*+}$	15699	1	23068
15701	$e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0D^-D^{*+}\Sigma^-\bar{\Sigma}^0$	15700	1	23069
15702	$e^+e^- \to \pi^-\omega\bar{K}^0D^{*+}\bar{\Lambda}\Lambda_c^+a_1^-\gamma$	15701	1	23070
15703	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0D_s^+D_s^{*-}$	15702	1	23071
15704	$e^+e^- \to \pi^0\pi^0K^+D^{*0}D_s^{*-}n\bar{n}$	137	1	23072
15705	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0K^{*-}D^+D^{*+}$	15704	1	23073
15706	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0D^-\chi_{c2}$	15705	1	23074
15707	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*0}$	15706	1	23075
15708	$e^+e^- \to D^-D^0D_s^{*+}n\bar{\Delta}^0$	15707	1	23076
15709	$e^+e^- \to K^*K^-D^+D^0\bar{D}^0\bar{D}^{*0}$	15708	1	23077
15710	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^+D^-$	15709	1	23078
15711	$e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	15710	1	23079
15712	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+D^-D_s^-$	15711	1	23080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15713	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^- D^+ D_2^{*-} p\bar{p}$	15712	1	23081
15714	$e^+e^- \to \rho^0\pi^+\rho^+ K^* \bar{D}^{*-}\bar{D}^{*-}$	15713	1	23082
15715	$e^+e^- \to \rho^- D^+ \bar{D}^{*-} a_1^+$	15714	1	23083
15716	$e^+e^- \to \rho^0\pi^+\pi^- K^{*-} D^+ \bar{D}^{*-} n\bar{\Sigma}^+$	15715	1	23084
15717	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^{*+} D^{*+} J/\psi$	15716	1	23085
15718	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-} D_0^{*+}$	15717	1	23086
15719	$e^+e^- \to \pi^0\rho^0\pi^-\eta\eta K^{*+} D^- D^{*+} D^{*0}$	15718	1	23087
15720	$e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^+ D^{*0}\bar{D}^{*0}$	15719	1	23088
15721	$e^+e^- \to \pi^+\pi^-\bar{K}^* K^+ J/\psi\Delta^+\bar{\Sigma}_c^{--}$	15720	1	23089
15722	$e^+e^- \to \rho^0\rho^+\eta\omega K^{*+} D^-\Lambda\bar{\Sigma}_c^-$	15721	1	23090
15723	$e^+e^- \to K^+ D^+\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	15722	1	23091
15724	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-\omega\omega D^+\bar{D}^{*-}$	15723	1	23092
15725	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^-\bar{D}^0\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}$	15724	1	23093
15726	$e^+e^- \to \pi^-\bar{K}^0 D^+ D^-\bar{D}^0\bar{\Delta}^0 p$	15725	1	23094
15727	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+ K^0 D^+\Delta^0\bar{\Sigma}_c^0$	15726	1	23095
15728	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^- D^+ D^{*+}\bar{n}p$	15727	1	23096
15729	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\omega K^0 D^+\bar{D}^{*-}$	15728	1	23097
15730	$e^+e^- \to \pi^0\pi^0\eta K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Lambda}\Sigma^+$	15729	1	23098
15731	$e^+e^- \to \pi^0\pi^- K^+ D^{*+} a_1^-\eta_c(2S)$	15730	1	23099
15732	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega\bar{K}^0 K^+ D^-\bar{D}^{*-}$	15731	1	23100
15733	$e^+e^- \to \pi^0\rho^+ K^- D^- D^{*0} D_s^+$	15732	1	23101
15734	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}$	15733	1	23102
15735	$e^+e^- \to K^{*+} D^+\bar{D}^{*-} D^{*0} D_{s0}^{*-}$	15734	1	23103
15736	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega\omega D^+ D^-$	15735	1	23104
15737	$e^+e^- \to \pi^0\omega K^+ D^- D^0\bar{n}\Sigma_c^0$	15736	1	23105
15738	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta D^- D^{*+} n\bar{n}$	15737	1	23106
15739	$e^+e^- \to \rho^-\eta D^+ p\bar{\Sigma}_c^-$	2355	1	23107
15740	$e^+e^- \to \pi^- K^0 D^{*+} D^{*+}\bar{D}^0 D_s^{*-}$	15739	1	23108
15741	$e^+e^- \to \pi^-\eta K^{*+} D^{*+}\bar{D}^{*-} D^{*0}$	15740	1	23109
15742	$e^+e^- \to \tau^+\nu_\tau\omega D^{*0} D_0^{*-}$	15741	1	23110
15743	$e^+e^- \to \pi^+\rho^-\eta\omega\bar{D}^{*-} D_s^{*+}$	15742	1	23111
15744	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\omega\eta' D^+\bar{D}^{*-} D_{s1}'^+$	15743	1	23112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15745	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\eta D^- D^0$	15744	1	23113
15746	$e^+e^- \to \pi^0\eta' D^+\bar{D}^{*-}D_s^{*+}D_s^{*-}$	15745	1	23114
15747	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\eta D^+\bar{D}^{*-}D_{s1}'^+$	15746	1	23115
15748	$e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	15747	1	23116
15749	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*0}D_s^{*+}$	15748	1	23117
15750	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\pi^+D^+D^-$	15749	1	23118
15751	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0\bar{K}^*K^+\bar{D}^{*-}D^{*0}$	15750	1	23119
15752	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^+n\bar{\Sigma}_c^0$	15751	1	23120
15753	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^-D^{*+}D_{s0}^{*+}$	15752	1	23121
15754	$e^+e^- \to \rho^+\rho^-\eta K^+K^{*-}D^-D_2^{*+}$	15753	1	23122
15755	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-K^0\bar{K}^0D^{*+}$	15754	1	23123
15756	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}$	15755	1	23124
15757	$e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^0D^{*0}J/\psi$	15756	1	23125
15758	$e^+e^- \to \rho^+\rho^-\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}D^0$	15757	1	23126
15759	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^-D^{*+}$	2356	1	23127
15760	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-}D_1^+$	15759	1	23128
15761	$e^+e^- \to \pi^-\rho^+\omega\bar{K}^0D^-D^{*+}\bar{D}^0\gamma$	15760	1	23129
15762	$e^+e^- \to \rho^0\rho^+D^+D^-n\bar{p}$	15761	1	23130
15763	$e^+e^- \to \pi^-\omega D^{*+}p\bar{\Sigma}_c^{*-}$	15762	1	23131
15764	$e^+e^- \to \pi^+K^-K^{*-}D^{*+}\bar{D}^{*0}\eta_c$	15763	1	23132
15765	$e^+e^- \to \rho^+\rho^-K^0D^-D^{*+}D^0$	15764	1	23133
15766	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega K^0K^-D^{*+}\bar{D}^{*-}$	15765	1	23134
15767	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-D^{*0}$	15766	1	23135
15768	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-}$	15767	1	23136
15769	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-K^{*+}K^{*-}D^-D^{*+}D^0$	15768	1	23137
15770	$e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+\bar{D}^0D_s^+D_1^-$	15769	1	23138
15771	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	15770	1	23139
15772	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+D^+D_s^-D_s^{*-}$	15771	1	23140
15773	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0D^{*+}\bar{D}^{*-}D^{*0}$	15772	1	23141
15774	$e^+e^- \to \pi^0K^*\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^0\Sigma_c^{*+}$	15773	1	23142
15775	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^-D^+D^{*0}$	15774	1	23143
15776	$e^+e^- \to e^+\nu_eK^+D^-\Delta^+\bar{\Sigma}_c^{*--}$	138	1	23144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15777	$e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}\bar{p}\Delta^{++}a_1^-$	15776	1	23145
15778	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D_0^{*-}D_1^+$	15777	1	23146
15779	$e^+e^- \to \pi^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0}$	15778	1	23147
15780	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}$	2358	1	23148
15781	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0K^{*+}D^-D^{*+}$	535	1	23149
15782	$e^+e^- \to \pi^+K^*\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Xi_c^+$	15781	1	23150
15783	$e^+e^- \to \pi^0\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	15782	1	23151
15784	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^0$	15783	1	23152
15785	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}$	15784	1	23153
15786	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^0D_s^{*+}$	15785	1	23154
15787	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}\Sigma^{*-}\bar{\Sigma}^{*0}$	15786	1	23155
15788	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^*K^{*+}D^{*0}\bar{D}^{*0}$	15787	1	23156
15789	$e^+e^- \to \pi^0\rho^0\pi^+K^*D^-D^{*+}D_{s1}'^-\gamma$	15788	1	23157
15790	$e^+e^- \to e^+\nu_e\bar{K}^*D^+D^-D^-$	15789	1	23158
15791	$e^+e^- \to \omega\bar{K}^0D^0\psi'$	15790	1	23159
15792	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+J/\psi\bar{p}\bar{\Xi}_c'^0$	15791	1	23160
15793	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}$	15792	1	23161
15794	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+K^0\bar{K}^0D^-D^{*+}$	2360	1	23162
15795	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega D^+D_1^+$	15794	1	23163
15796	$e^+e^- \to \bar{K}^0D^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	15795	1	23164
15797	$e^+e^- \to \pi^0\pi^+K^0K^-D^+\Delta^0\bar{\Sigma}_c^-$	15796	1	23165
15798	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}D_{s1}'^-$	15797	1	23166
15799	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_1^+D_1'^-$	15798	1	23167
15800	$e^+e^- \to e^-\bar{\nu}_e\rho^0\eta D^+n\bar{p}D_1^+$	15799	1	23168
15801	$e^+e^- \to \pi^0\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}$	15800	1	23169
15802	$e^+e^- \to \rho^-K^+D^{*+}D^0\bar{D}^0D_s^{*-}$	15801	1	23170
15803	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+K^0\bar{K}^*\bar{D}^{*-}$	15802	1	23171
15804	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D_s^+\psi(3770)$	15803	1	23172
15805	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+K^0K^-K^{*-}\eta'\bar{D}^{*-}\bar{D}^{*0}$	15804	1	23173
15806	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0$	15805	1	23174
15807	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+K^-D^+D^-\bar{D}^{*0}$	15806	1	23175
15808	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^{*+}D_0^{*-}$	15807	1	23176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15809	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-}$	15808	1	23177
15810	$e^+e^- \to \pi^0\bar{K}^*\bar{K}^*K^+D^+D^-D^-$	15809	1	23178
15811	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^-\bar{\Delta}^-\Sigma^-D_0^{*+}$	15810	1	23179
15812	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}D_{s1}'^+$	15811	1	23180
15813	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta K^-D^-D^{*+}$	15812	1	23181
15814	$e^+e^- \to \pi^0\pi^+\omega D^-J/\psi\bar{K}_1^0$	15813	1	23182
15815	$e^+e^- \to \pi^+\pi^-\rho^+\omega K_2^{*0}D^-J/\psi$	2361	1	23183
15816	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^{*0}D_s^{*-}D_1^+$	15815	1	23184
15817	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^{*+}J/\psi$	15816	1	23185
15818	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-K^*D^+D^{*+}\bar{D}^{*-}$	15817	1	23186
15819	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0D^+D^0\bar{D}^0$	15818	1	23187
15820	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega K^+K^-D^-D^{*+}$	15819	1	23188
15821	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^+\bar{D}^{*0}$	15820	1	23189
15822	$e^+e^- \to \rho^+\eta K^0K^-D^{*+}\Delta^0\bar{\Sigma}_c^-$	15821	1	23190
15823	$e^+e^- \to \mu^+\nu_\mu K^-\bar{\Delta}^+\Sigma_c^{++}D_1^-$	15822	1	23191
15824	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^-\bar{D}^0$	15823	1	23192
15825	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0D^{*+}\bar{D}^0$	15824	1	23193
15826	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^0K^-D^{*+}\bar{D}^{*-}$	15825	1	23194
15827	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0n\bar{\Delta}^0$	15826	1	23195
15828	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\eta D^{*+}D^0\bar{D}^0$	15827	1	23196
15829	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_s^-D_0^{*+}$	15828	1	23197
15830	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\omega K^+K^-D^+D^-$	15829	1	23198
15831	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega\eta'D^-D^{*+}$	15830	1	23199
15832	$e^+e^- \to \pi^+K^+D^-D^{*0}\Sigma^{*0}\bar{\Xi}_c'^-$	15831	1	23200
15833	$e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^{*0}\Delta^0\bar{\Delta}^0$	15832	1	23201
15834	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^-\eta\bar{K}^0D^-$	15833	1	23202
15835	$e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0D^+D^-$	15834	1	23203
15836	$e^+e^- \to \pi^-\bar{K}^0K^+K^-K^{*+}D^-D^{*+}$	15835	1	23204
15837	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}$	15836	1	23205
15838	$e^+e^- \to \rho^-\eta\omega\eta'D^{*+}\Delta^0\bar{\Sigma}_c^0$	15837	1	23206
15839	$e^+e^- \to \pi^-\pi^-\rho^+K^0K^+D^{*+}\bar{D}^{*-}\bar{D}^0p\bar{p}$	15838	1	23207
15840	$e^+e^- \to \pi^0\pi^0\pi^+\omega\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	15839	1	23208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15841	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0 D^+ \bar{D}^{*0}$	15840	1	23209
15842	$e^+e^- \to \pi^-\omega\bar{K}^0 D^+ D^- D_s^{*+}$	15841	1	23210
15843	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^- K^0\bar{K}^* D^0\bar{D}^0$	15842	1	23211
15844	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\eta K^0 K^- D^{*+}\bar{D}^{*-}$	15843	1	23212
15845	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^0 D^-\chi_{c1}$	15844	1	23213
15846	$e^+e^- \to \pi^0\pi^-\omega\omega\bar{K}^0 K^+ D^+\bar{D}^{*-}$	15845	1	23214
15847	$e^+e^- \to K^0\bar{K}^0 K^* K^* K^{*-} D^{*+} D_s^+ D_s^{*-}$	2362	1	23215
15848	$e^+e^- \to \pi^0\bar{K}^0 D^- D^- D^{*+} a_1^+$	2363	1	23216
15849	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\eta K^+ K^- K^{*+} D^{*+} D^0$	15848	1	23217
15850	$e^+e^- \to \rho^+\rho^-\omega\omega D^+\bar{D}^{*-}$	15849	1	23218
15851	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Delta^-\bar{n}\gamma$	15850	1	23219
15852	$e^+e^- \to K^0 K^- D^+ D^+ D_s^-$	15851	1	23220
15853	$e^+e^- \to \pi^0\eta\omega D^+ D_s^-\bar{\Sigma}^-\Xi_c^+$	15852	1	23221
15854	$e^+e^- \to \pi^+\pi^-\bar{K}^0 D^+ D^- D^{*+} D_s^{*-}\gamma$	15853	1	23222
15855	$e^+e^- \to \pi^0\pi^0\eta D^0\bar{D}^0$	15854	1	23223
15856	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\eta D^- D^{*0}$	15855	1	23224
15857	$e^+e^- \to e^+\nu_e\pi^+\bar{K}^* D^- D^0 D_1'^-$	15856	1	23225
15858	$e^+e^- \to \rho^0\rho^+\eta\omega\bar{K}^* K^+\bar{D}^{*-}\bar{D}^{*-}$	2364	1	23226
15859	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^- D^- D_1'^+$	15858	1	23227
15860	$e^+e^- \to \rho^+\bar{K}^0 K^*\bar{K}^* D^-\bar{\Lambda}\Sigma_c^0$	15859	1	23228
15861	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+ D^- D_s^+$	15860	1	23229
15862	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^- D^{*+}$	15861	1	23230
15863	$e^+e^- \to \pi^+\rho^- K^0 K^{*-} D^+ D^{*+} a_1^-$	15862	1	23231
15864	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega\bar{D}^{*-} D^0 D_s^-$	536	1	23232
15865	$e^+e^- \to \pi^0\pi^-\pi^-\rho^-\bar{K}^* K^+ D^+ D^+$	15864	1	23233
15866	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+\bar{D}^{*-} D_2^{*-}$	15865	1	23234
15867	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^- D^{*+}$	15866	1	23235
15868	$e^+e^- \to \pi^+\rho^-\eta D^- D_2^{*+}$	15867	1	23236
15869	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\bar{D}^{*-} D_1^+$	15868	1	23237
15870	$e^+e^- \to \pi^+\pi^-\bar{K}^0 D^{*+} D_s^{*-}\chi_{c1}$	15869	1	23238
15871	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^+$	15870	1	23239
15872	$e^+e^- \to K^+ D^+\bar{D}^{*-} D^{*0}\Lambda\bar{\Sigma}^{*-}$	15871	1	23240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15873	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\eta' D^- \bar{D}^{*-}$	15872	1	23241
15874	$e^+e^- \to \eta\bar{K}^0 K^+ K^+ K^{*-} \bar{D}^{*-} D^{*0}$	15873	1	23242
15875	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- K^* D^0 \bar{D}^{*0} \bar{n} p$	15874	1	23243
15876	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega K^- D^+ D^{*+} \bar{D}^0$	15875	1	23244
15877	$e^+e^- \to \pi^0\pi^- \bar{D}^{*-} \bar{D}^0 D_s^{*+} D_{s1}'^+$	15876	1	23245
15878	$e^+e^- \to \pi^0\pi^0\pi^0 \bar{D}^{*-} \bar{\Delta}^- \Delta^0 \Delta^{++} \bar{\Delta}^{++}$	15877	1	23246
15879	$e^+e^- \to \pi^-\rho^+ D^+ \Delta^0 \bar{\Xi}_c^{*-}$	2366	1	23247
15880	$e^+e^- \to \pi^+\pi^+ K^* K^- K^- \bar{D}^{*-} D^{*0} D_s^{*+}$	15879	1	23248
15881	$e^+e^- \to e^+\nu_e\pi^0\pi^0 \bar{K}^0 \bar{D}^{*-} D^{*0}$	15880	1	23249
15882	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega \bar{D}^{*-} \bar{\Delta}^0 \Xi_c'^+$	15881	1	23250
15883	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega \bar{K}^0 D^+ D^- \bar{D}^{*-}$	15882	1	23251
15884	$e^+e^- \to \rho^0\pi^-\pi^- D^{*+} p \bar{\Xi}_c^0$	15883	1	23252
15885	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- D^- D^{*+} \bar{n} p$	15884	1	23253
15886	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\omega \bar{K}^0 K^{*+} D^+ D^-$	2367	1	23254
15887	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^0 D^{*0}$	15886	1	23255
15888	$e^+e^- \to e^-\bar{\nu}_e K^* D_2^{*+} \psi'$	15887	1	23256
15889	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+ D_0^{*+}$	15888	1	23257
15890	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+} D_2^{*-}$	15889	1	23258
15891	$e^+e^- \to \rho^-\eta K_S D^+ \psi'\gamma$	15890	1	23259
15892	$e^+e^- \to \rho^0\rho^-\eta D^+ \bar{D}^{*0} \bar{n} \Delta^0$	15891	1	23260
15893	$e^+e^- \to \pi^0\pi^+\eta\eta\omega K^* K^+ K^{*-} \bar{D}^{*-} D^0$	15892	1	23261
15894	$e^+e^- \to \pi^0\pi^+\rho^- \bar{K}^* \bar{D}^{*-} \bar{\Sigma}^0 \Sigma^+$	15893	1	23262
15895	$e^+e^- \to \rho^+\rho^- D^- \bar{n} p \bar{p} \Lambda_c^+$	15894	1	23263
15896	$e^+e^- \to \pi^-\rho^-\eta K^+ D^{*+} D_s^+ D_s^-$	15895	1	23264
15897	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^- D^- D_1'^+\gamma$	15896	1	23265
15898	$e^+e^- \to K^* D_2^{*+} D_s^- \Lambda \bar{\Sigma}_c^0$	15897	1	23266
15899	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0 \bar{K}^0 \bar{K}^0 n \bar{n} \Delta^0 \bar{\Lambda}$	15898	1	23267
15900	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- K^0 D^+ D^- D^{*+}$	15899	1	23268
15901	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ D_2^{*+} a_1^-$	2368	1	23269
15902	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- D^+ \bar{D}^{*-} n \bar{p}$	15901	1	23270
15903	$e^+e^- \to \pi^0\pi^0\rho^+ K^{*-} D^+ \bar{D}^{*-} \bar{D}^0$	15902	1	23271
15904	$e^+e^- \to \pi^0\pi^+\eta K^0 \bar{K}^0 K^{*-} \eta' D^{*+} \bar{D}^{*-} \bar{D}^0$	15903	1	23272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15905	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\rho^-D^{*+}D^0$	15904	1	23273
15906	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+D^{*+}D_s^{*-}$	15905	1	23274
15907	$e^+e^- \to \pi^-\pi^-K^*D^+D^{*+}\bar{D}^0p\bar{p}$	15906	1	23275
15908	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D_s^+D_s^-$	15907	1	23276
15909	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-}D_1^+\gamma$	15908	1	23277
15910	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	15909	1	23278
15911	$e^+e^- \to \pi^-\bar{D}^{*-}\bar{D}^0D_s^+\bar{n}p$	2369	1	23279
15912	$e^+e^- \to e^+\nu_e\rho^0\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	15911	1	23280
15913	$e^+e^- \to \pi^0\pi^0\eta K^0K^{*-}D^-D^{*+}D_{s1}^+$	15912	1	23281
15914	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	15913	1	23282
15915	$e^+e^- \to \tau^+\nu_\tau K^*\bar{K}^*K^-D^{*+}D_1^-$	15914	1	23283
15916	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^+$	15915	1	23284
15917	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^-D^{*+}$	15916	1	23285
15918	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+}$	2370	1	23286
15919	$e^+e^- \to \rho^0\rho^+D^-D^{*+}\Delta^0\bar{\Delta}^+$	15918	1	23287
15920	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	15919	1	23288
15921	$e^+e^- \to \pi^-K^*D^{*+}D^{*+}\bar{D}^{*0}\Delta^-\bar{\Delta}^0$	15920	1	23289
15922	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta D^-\bar{D}^{*-}$	15921	1	23290
15923	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-\bar{D}^{*-}\chi_{c1}$	15922	1	23291
15924	$e^+e^- \to \pi^+\rho^-\bar{K}^0K^{*+}D^+D^-a_1^-\gamma$	537	1	23292
15925	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^0D^{*+}D^{*+}\bar{D}^{*0}$	15924	1	23293
15926	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\omega D^{*+}D^{*+}$	2372	1	23294
15927	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta K^-D^+D_s^+$	15926	1	23295
15928	$e^+e^- \to e^-\bar{\nu}_eK_SD^{*+}\eta_c$	15927	1	23296
15929	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\omega D^+p\bar{\Lambda}_c^-$	15928	1	23297
15930	$e^+e^- \to \pi^0\pi^+\rho^-K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	15929	1	23298
15931	$e^+e^- \to \mu^+\nu_\mu\pi^-D^-\bar{\Delta}^0\Sigma_c^+$	15930	1	23299
15932	$e^+e^- \to \omega K^*K^-K^{*-}\phi D^+D^+\bar{D}^0$	2373	1	23300
15933	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^+p\bar{p}D_0^{*+}$	15932	1	23301
15934	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^*\bar{K}^*K^{*-}\chi_{c0}$	2374	1	23302
15935	$e^+e^- \to \pi^0\rho^-K^*D^{*+}\eta_cp\bar{p}$	15934	1	23303
15936	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-\bar{D}^{*-}$	15935	1	23304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15937	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	15936	1	23305
15938	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-K^+D^{*+}\chi_{c0}$	15937	1	23306
15939	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}\eta_c$	15938	1	23307
15940	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^{*+}D_0^{*-}$	15939	1	23308
15941	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	15940	1	23309
15942	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+}J/\psi K_1^0$	15941	1	23310
15943	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^-D^+D^-$	15942	1	23311
15944	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0\bar{K}^0\bar{K}^*K^{*+}D^{*+}\bar{D}^{*0}$	15943	1	23312
15945	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^0\bar{D}^0$	15944	1	23313
15946	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	15945	1	23314
15947	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^+$	15946	1	23315
15948	$e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}\bar{\Delta}^-\Sigma^-$	15947	1	23316
15949	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^0K^-D^{*+}\bar{D}^{*0}$	15948	1	23317
15950	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-K^+D^+\eta_c$	15949	1	23318
15951	$e^+e^- \to e^-\bar{\nu}_eD^+D_s^+D_1'^-$	15950	1	23319
15952	$e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^+$	15951	1	23320
15953	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega\omega\bar{K}^0D^-D^{*+}D^{*+}$	15952	1	23321
15954	$e^+e^- \to \rho^-\eta\omega K^0K^-D^+D^{*+}$	15953	1	23322
15955	$e^+e^- \to \pi^+\eta D^+\bar{D}^{*-}D^{*0}D_s^-$	15954	1	23323
15956	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+D^-\bar{D}^{*-}D^0$	15955	1	23324
15957	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+\chi_{c1}$	15956	1	23325
15958	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^{*+}n\bar{p}$	15957	1	23326
15959	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^{*+}$	15958	1	23327
15960	$e^+e^- \to D^+D^-D_s^{*+}n\bar{p}$	2375	1	23328
15961	$e^+e^- \to \pi^+\pi^-K^-D^+D^-\bar{D}^{*0}D_s^{*+}$	15960	1	23329
15962	$e^+e^- \to \omega K^0K_2^{*0}J/\psi\bar{\Sigma}^+\Sigma^-$	15961	1	23330
15963	$e^+e^- \to K^0D^+D_s^{*-}\Delta^+\bar{\Sigma}_c^-$	2376	1	23331
15964	$e^+e^- \to \rho^0\pi^+\rho^-\eta D^+D^-$	15963	1	23332
15965	$e^+e^- \to \pi^+\pi^+\rho^-D^+\bar{D}^{*-}D_s^-$	15964	1	23333
15966	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^+D^0$	15965	1	23334
15967	$e^+e^- \to \pi^0\pi^-\omega\bar{K}^0K^+D^+D^-$	15966	1	23335
15968	$e^+e^- \to \pi^+\pi^-\eta'\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	2377	1	23336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
15969	$e^+e^- \to \pi^0\omega\omega K^+K^{*-}K^{*-}D^+D^-\bar{\Delta}^-n$	15968	1	23337
15970	$e^+e^- \to \mu^+\nu_\mu\rho^-K^+K^-D^{*+}\bar{D}^{*-}$	15969	1	23338
15971	$e^+e^- \to e^+\nu_eK^{*+}D^-D_2^{*-}D^{*0}$	2378	1	23339
15972	$e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	15971	1	23340
15973	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\rho^-D^+D^+$	2379	1	23341
15974	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^+\Delta^+\bar{\Sigma}_c^{--}$	15973	1	23342
15975	$e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	15974	1	23343
15976	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-}$	15975	1	23344
15977	$e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+\eta D^{*+}D_1^-$	15976	1	23345
15978	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	15977	1	23346
15979	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*+}\bar{p}\Delta^+$	15978	1	23347
15980	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	15979	1	23348
15981	$e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	2380	1	23349
15982	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	15981	1	23350
15983	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}n\bar{\Delta}^+$	15982	1	23351
15984	$e^+e^- \to \pi^+\pi^-K^{*-}D^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0}$	15983	1	23352
15985	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\bar{K}^0K^*K^+D^{*+}$	15984	1	23353
15986	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^+K^{*+}\phi D^{*+}D_s^{*-}$	15985	1	23354
15987	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	15986	1	23355
15988	$e^+e^- \to D^+D^{*+}D_s^-\Delta^-\bar{\Delta}^0$	15987	1	23356
15989	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\bar{K}^*K^+D^-D^{*+}$	15988	1	23357
15990	$e^+e^- \to \pi^0\pi^0D^-\bar{D}^0\bar{n}p\Delta^+\bar{\Sigma}^-$	15989	1	23358
15991	$e^+e^- \to \rho^-\eta'D^-D^{*+}D_s^+\gamma$	15990	1	23359
15992	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+\phi D^+D^-$	15991	1	23360
15993	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta K^0\bar{K}^0K^{*+}D^+D^-D^0$	15992	1	23361
15994	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-K^+D^{*+}D^{*+}\bar{D}^{*-}$	15993	1	23362
15995	$e^+e^- \to \rho^0\pi^+\eta K^+K^-\bar{D}^{*-}D^{*0}$	15994	1	23363
15996	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^-D^+\bar{D}^{*-}$	15995	1	23364
15997	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}\bar{n}p$	15996	1	23365
15998	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	15997	1	23366
15999	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^-$	15998	1	23367
16000	$e^+e^- \to \tau^+\nu_\tau\pi^+K^0D^-\bar{D}^{*-}D^{*0}$	15999	1	23368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16001	$e^+e^- \to \pi^0\rho^+K^-\bar{D}^0\bar{\Delta}^0\Lambda\bar{\Sigma}^{*0}\Sigma_c^{*0}$	16000	1	23369
16002	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}p\bar{\Delta}^{++}$	16001	1	23370
16003	$e^+e^- \to \pi^0\pi^0\rho^-\omega K^{*+}D^+\Sigma^{*0}\bar{\Xi}_c^-$	16002	1	23371
16004	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D^-\bar{\Delta}^-p$	16003	1	23372
16005	$e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0\gamma$	16004	1	23373
16006	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^0$	16005	1	23374
16007	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^*D^+\bar{D}^0D_s^{*-}$	16006	1	23375
16008	$e^+e^- \to K^+D^+\bar{D}^{*-}D_s^-$	538	1	23376
16009	$e^+e^- \to e^+\nu_e\bar{K}^0D_2^{*-}D^{*0}\bar{D}^{*0}$	16008	1	23377
16010	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0D^0\bar{D}^{*0}$	16009	1	23378
16011	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^{*+}K^{*-}D^{*+}D^{*+}$	16010	1	23379
16012	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}\bar{n}p$	16011	1	23380
16013	$e^+e^- \to \pi^+\pi^+\pi^-\eta\eta\omega\bar{D}^{*-}D^0$	16012	1	23381
16014	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	16013	1	23382
16015	$e^+e^- \to \rho^0\bar{K}^0\bar{D}^{*0}D_s^+D_s^{*-}$	16014	1	23383
16016	$e^+e^- \to \rho^0\pi^+\pi^-K^0D^-\bar{D}^0D_s^{*+}$	16015	1	23384
16017	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+D^-$	16016	1	23385
16018	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	16017	1	23386
16019	$e^+e^- \to \pi^-\pi^-\eta K^+\eta' D^+D^+\bar{D}^{*-}$	16018	1	23387
16020	$e^+e^- \to \bar{K}^*\bar{D}^0D_s^-D_s^{*+}p\bar{p}$	16019	1	23388
16021	$e^+e^- \to \pi^-K^+K^-D^+D^-a_1^+$	16020	1	23389
16022	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^-D^{*+}D_s^{*-}$	16021	1	23390
16023	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	2382	1	23391
16024	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^0K^{*-}D^{*+}\bar{D}^{*0}$	16023	1	23392
16025	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^+$	16024	1	23393
16026	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta' D^{*+}\bar{D}^0D_s^{*+}$	16025	1	23394
16027	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta K^+K^-D^+D^-D_s^{*-}$	16026	1	23395
16028	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta K^*\eta' D^{*+}D_s^-$	16027	1	23396
16029	$e^+e^- \to \bar{K}^*K^{*+}D^-D^{*0}p\bar{\Delta}^+$	16028	1	23397
16030	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^-\eta\omega D^{*+}\Lambda\bar{\Sigma}^0$	16029	1	23398
16031	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0D^{*+}\bar{D}^0$	16030	1	23399
16032	$e^+e^- \to \pi^-\pi^-\rho^+K^0D^+D_s^+D_s^{*-}$	16031	1	23400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16033	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}n\bar{n}D_1^+$	16032	1	23401
16034	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\eta\omega K^*K^-D^-D^-$	16033	1	23402
16035	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^0K^-D^{*0}D_s^{*+}D_1^-$	16034	1	23403
16036	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\bar{K}^0D^-D^-D^{*0}$	16035	1	23404
16037	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}$	16036	1	23405
16038	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^0$	16037	1	23406
16039	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	16038	1	23407
16040	$e^+e^- \to \pi^0\pi^-\eta\omega K^0K^+K^-D^+D^+\bar{D}^{*-}$	16039	1	23408
16041	$e^+e^- \to \pi^0\pi^-\rho^+K^0D_s^-\bar{\Delta}^+\Sigma_c^{++}$	16040	1	23409
16042	$e^+e^- \to \pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	16041	1	23410
16043	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^{*+}D^{*+}$	16042	1	23411
16044	$e^+e^- \to K^*K^-D^+\bar{K}_1^0\psi'$	16043	1	23412
16045	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^*D^+D^-D^{*0}$	16044	1	23413
16046	$e^+e^- \to \omega D^{*0}n\Delta^0\bar{\Delta}^0\bar{\Sigma}_c^{*0}$	16045	1	23414
16047	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^+D^0D_s^{*-}$	16046	1	23415
16048	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega K^-K^{*+}D^{*+}\bar{D}^{*-}$	16047	1	23416
16049	$e^+e^- \to \pi^0\rho^0\rho^-D^+D^-D_s^{*+}$	16048	1	23417
16050	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+D^-\bar{D}^{*-}$	16049	1	23418
16051	$e^+e^- \to \bar{K}^0K^{*-}\bar{D}^{*-}\bar{D}^0D_s^+D_s^{*+}$	2383	1	23419
16052	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^+D^{*+}\bar{D}^{*0}$	16051	1	23420
16053	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^0K^0K^-K^-D^-D^{*+}$	16052	1	23421
16054	$e^+e^- \to \pi^0\pi^0\pi^0D^+\bar{D}^0a_1^-$	16053	1	23422
16055	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^-D^{*+}$	16054	1	23423
16056	$e^+e^- \to \pi^0\pi^0\rho^+K^+D^-D^-D^0$	16055	1	23424
16057	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^-\omega D^{*+}D_2^{*-}D_s^+$	16056	1	23425
16058	$e^+e^- \to \pi^0\pi^0K^0D^+D^{*+}\bar{D}^{*-}n\bar{p}$	16057	1	23426
16059	$e^+e^- \to \bar{K}^0\bar{D}^{*-}\chi_{c0}a_1^+$	16058	1	23427
16060	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^-D^{*+}$	539	1	23428
16061	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{K}^0K^*D^{*+}D^{*+}$	16060	1	23429
16062	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-K^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	16061	1	23430
16063	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}\bar{n}p$	16062	1	23431
16064	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta'\bar{D}^{*-}\bar{\Delta}^{++}\Lambda_c^+$	16063	1	23432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16065	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	16064	1	23433
16066	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}$	16065	1	23434
16067	$e^+e^- \to \mu^+\nu_\mu\pi^-K^+D^+\bar{D}^{*-}D_1^-$	16066	1	23435
16068	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0D^+D^-D^{*0}$	16067	1	23436
16069	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^{*+}\bar{D}^0D_s^{*+}$	16068	1	23437
16070	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\eta D^+D^-$	16069	1	23438
16071	$e^+e^- \to \pi^-\pi^-K^+D^{*+}D^{*+}\bar{D}^0D_s^{*-}$	16070	1	23439
16072	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^0K^-K^{*+}D^{*+}\bar{D}^0$	16071	1	23440
16073	$e^+e^- \to \pi^+D^{*+}D^0D_s^{*-}a_1^-$	16072	1	23441
16074	$e^+e^- \to \pi^0\pi^0\pi^+K^0K^-K^-D^{*+}\bar{D}^{*0}n\bar{\Lambda}$	16073	1	23442
16075	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^+K^-D^{*0}D^{*0}\bar{D}^{*0}$	16074	1	23443
16076	$e^+e^- \to K^*K^-D^-D^{*+}D_s^+$	16075	1	23444
16077	$e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+\rho^+D^+\eta_c$	2385	1	23445
16078	$e^+e^- \to \pi^+\pi^-\pi^-D^{*+}\bar{p}\Delta^+K_1^0\psi(3770)$	16077	1	23446
16079	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*\bar{D}^{*-}$	16078	1	23447
16080	$e^+e^- \to \bar{K}^0D^+D^-D^-\bar{\Delta}^0\Delta^+$	16079	1	23448
16081	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\omega\bar{K}^0\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}$	16080	1	23449
16082	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^*K^{*-}D^+\bar{D}^{*0}\bar{D}^{*0}$	16081	1	23450
16083	$e^+e^- \to e^+\nu_e\rho^+\omega D^-D_1^-$	16082	1	23451
16084	$e^+e^- \to \pi^+\rho^-\rho^-D^{*+}D^{*+}D_{s1}'^-$	16083	1	23452
16085	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	16084	1	23453
16086	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0\eta_cD_1'^-$	2386	1	23454
16087	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+K^*K^-D^-$	16086	1	23455
16088	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+D^-D^{*0}$	16087	1	23456
16089	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^-D^{*+}\Delta^{++}\bar{\Sigma}^0$	16088	1	23457
16090	$e^+e^- \to e^-\bar{\nu}_e\eta K^*D^{*+}J/\psi$	16089	1	23458
16091	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}a_1^-\gamma$	2387	1	23459
16092	$e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}\bar{\Lambda}\Xi_c^+$	16091	1	23460
16093	$e^+e^- \to \pi^0\rho^0K^*K^-D^{*+}\bar{D}^{*-}\bar{n}p$	16092	1	23461
16094	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0}\bar{\Delta}^-\Delta^0\gamma$	2388	1	23462
16095	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^+D^-D_s^{*+}D_1^-$	16094	1	23463
16096	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}$	16095	1	23464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16097	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^0K^*K^+K^{*-}\bar{D}^{*-}$	139	1	23465
16098	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-K^{*+}D^+\bar{D}^{*-}$	16097	1	23466
16099	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta\omega K^0K^0K^*\bar{K}^*K^-\phi D^-$	16098	1	23467
16100	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^-D^0$	16099	1	23468
16101	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^+$	16100	1	23469
16102	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega K^-K^{*+}K^{*+}K^{*-}D^{*+}\bar{D}^{*0}$	16101	1	23470
16103	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0\eta'D^+D^{*0}$	16102	1	23471
16104	$e^+e^- \to e^-\bar{\nu}_eK^0D^-D^{*+}D_1'^+$	16103	1	23472
16105	$e^+e^- \to K^*K^-D^+D^{*+}D_{s1}'^-$	16104	1	23473
16106	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*0}$	16105	1	23474
16107	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}\bar{D}^0J/\psi$	16106	1	23475
16108	$e^+e^- \to \pi^0\pi^+\eta\omega K^0\bar{K}^*\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	16107	1	23476
16109	$e^+e^- \to \pi^-D^{*+}D_s^-D_1'^+$	16108	1	23477
16110	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*D^-\eta_c$	16109	1	23478
16111	$e^+e^- \to \pi^0\pi^0\rho^+\omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	16110	1	23479
16112	$e^+e^- \to \pi^-K^*K^+D^+D^-D^0\bar{D}^{*0}$	16111	1	23480
16113	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+K^0K^-D^{*+}\bar{D}^{*-}\gamma$	16112	1	23481
16114	$e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^{*0}D_s^{*-}$	16113	1	23482
16115	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\pi^+\eta D^+\bar{D}^{*-}$	16114	1	23483
16116	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^-D^+D^+$	16115	1	23484
16117	$e^+e^- \to \pi^-\bar{K}^*\bar{D}^{*0}D_s^+\bar{\Sigma}^0\Xi_c'^0$	2390	1	23485
16118	$e^+e^- \to \pi^+\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	16117	1	23486
16119	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^+\bar{D}^{*0}D_{s0}^{*-}$	16118	1	23487
16120	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0K^0K^{*-}D^{*+}\bar{D}^{*0}$	16119	1	23488
16121	$e^+e^- \to \pi^-K^+D^-D^0p\bar{\Xi}_c'^0$	16120	1	23489
16122	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0D_s^-$	16121	1	23490
16123	$e^+e^- \to \pi^0\pi^+\rho^+K^0K^{*-}D^-D^{*+}D_{s1}'^-$	16122	1	23491
16124	$e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+$	16123	1	23492
16125	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^+D_0^{*+}$	16124	1	23493
16126	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	16125	1	23494
16127	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-\bar{D}^{*-}$	16126	1	23495
16128	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^+D^{*+}D_s^{*-}$	16127	1	23496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16129	$e^+e^- \to \pi^0\pi^+\omega K^-\bar{D}^{*-}\bar{D}^0D^{*0}\bar{n}p$	16128	1	23497
16130	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^-D^+D^+\bar{D}^{*0}D_s^{*-}$	16129	1	23498
16131	$e^+e^- \to \pi^+\omega K^0K^-D^+D^-\bar{D}^0$	16130	1	23499
16132	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}\Lambda\bar{\Xi}^{*+}$	16131	1	23500
16133	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}p\bar{p}$	16132	1	23501
16134	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-$	16133	1	23502
16135	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}D^{*0}$	16134	1	23503
16136	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^-D^{*+}D^{*+}$	16135	1	23504
16137	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^0\bar{K}^0D^0\bar{D}^0\bar{K}_0^{*0}$	2391	1	23505
16138	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}$	16137	1	23506
16139	$e^+e^- \to \rho^0\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	16138	1	23507
16140	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}$	16139	1	23508
16141	$e^+e^- \to e^-\bar{\nu}_eK^*D^+D^-D^{*+}$	16140	1	23509
16142	$e^+e^- \to \rho^0\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}a_1^+$	16141	1	23510
16143	$e^+e^- \to \rho^-\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0}$	16142	1	23511
16144	$e^+e^- \to \bar{K}^*D^-D_s^{*+}D_s^{*-}\bar{\Delta}^-\Delta^0$	16143	1	23512
16145	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^0D_s^-$	16144	1	23513
16146	$e^+e^- \to \rho^0\rho^-\eta\omega K^-D^{*+}D^{*+}\bar{D}^{*0}\gamma$	16145	1	23514
16147	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega\bar{K}^0K^*K^{*-}D^-D^{*0}$	16146	1	23515
16148	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\omega K^+\eta'D^-D^{*0}D_s^{*-}$	16147	1	23516
16149	$e^+e^- \to e^+\nu_e\rho^0\rho^+D^-D^-$	16148	1	23517
16150	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^0$	16149	1	23518
16151	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^+D^-$	16150	1	23519
16152	$e^+e^- \to \rho^+\rho^-\eta K^-\bar{D}^0D_s^{*+}J/\psi$	16151	1	23520
16153	$e^+e^- \to e^+\nu_e\pi^-\rho^-\bar{D}^{*0}\bar{n}\Sigma_c^+$	16152	1	23521
16154	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D_2^{*+}$	16153	1	23522
16155	$e^+e^- \to \pi^0\rho^+\eta\eta\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	16154	1	23523
16156	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^*K^+K^-D^0\bar{D}^0$	16155	1	23524
16157	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega D^-D^{*+}$	16156	1	23525
16158	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta K^*\bar{D}^{*-}\bar{D}^{*-}$	16157	1	23526
16159	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-$	16158	1	23527
16160	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega\bar{K}^*K^{*+}D^+D^-$	16159	1	23528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16161	$e^+e^- \to \rho^0 K^0 D^+ D^{*+} \bar{D}^{*-} D_s^-$	16160	1	23529
16162	$e^+e^- \to \rho^- K^{*-} D^{*+} D^{*+} \bar{D}^{*0}$	16161	1	23530
16163	$e^+e^- \to e^+\nu_e \pi^0 \pi^+ \pi^- \eta \bar{D}^{*-} D^0$	16162	1	23531
16164	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^+ \pi^- \eta \omega K^* \bar{D}^0$	16163	1	23532
16165	$e^+e^- \to \pi^+ \bar{K}^0 D^- \bar{D}^{*-} D^{*0} D_s^+$	2392	1	23533
16166	$e^+e^- \to \rho^+ \rho^- K^0 \bar{K}^0 D^- D_1'^+$	16165	1	23534
16167	$e^+e^- \to \pi^- \rho^+ \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^0$	16166	1	23535
16168	$e^+e^- \to \pi^+ \eta \bar{K}^* K^- D^- D^{*+}$	16167	1	23536
16169	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \rho^- \rho^- \eta \eta \omega \omega \bar{D}^{*-} D^{*0}$	2393	1	23537
16170	$e^+e^- \to \pi^+ \pi^- \pi^- K^+ K^+ K^- D^+ \bar{D}^{*-} D^0$	16169	1	23538
16171	$e^+e^- \to \rho^0 \pi^+ \pi^- \rho^- K^0 D^{*+} D^{*+} \bar{D}^{*-}$	16170	1	23539
16172	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- D^{*+} D^{*+} \Delta^- \bar{\Delta}^0$	16171	1	23540
16173	$e^+e^- \to \pi^0 \pi^- \rho^+ \rho^+ K^0 K^{*-} D^+ \bar{D}^{*-} n \bar{n}$	2394	1	23541
16174	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ K^* K^- D^- D^0 \psi'$	16173	1	23542
16175	$e^+e^- \to \pi^- \bar{K}^* K^+ K^- D^{*+} \eta_c$	16174	1	23543
16176	$e^+e^- \to \pi^+ \pi^- \eta K^0 D^- D^{*+} D^0 p \bar{p}$	16175	1	23544
16177	$e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^+ \bar{D}^{*-} \bar{D}^{*-}$	16176	1	23545
16178	$e^+e^- \to \pi^0 \pi^0 \pi^- D^{*+} D_s^+ D_1^-$	16177	1	23546
16179	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^+ \rho^- \rho^- D^+ D^-$	16178	1	23547
16180	$e^+e^- \to \tau^- \bar{\nu}_\tau K^* D^{*+} \bar{n} \Xi_c^0$	16179	1	23548
16181	$e^+e^- \to e^+ \nu_e \pi^- \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^{++}$	16180	1	23549
16182	$e^+e^- \to \rho^0 \pi^+ \eta K^- D^- D^{*+} \bar{D}^0$	16181	1	23550
16183	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 \pi^+ \rho^- \rho^- K^+ D^+ \bar{D}^{*0}$	16182	1	23551
16184	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^- \eta K^0 K^- D^+ \bar{D}^{*-}$	16183	1	23552
16185	$e^+e^- \to \rho^0 \rho^- \omega D^- D^{*+} D_{s1}'^+$	16184	1	23553
16186	$e^+e^- \to \mu^- \bar{\nu}_\mu D^- \bar{\Delta}^- n D_1^+$	16185	1	23554
16187	$e^+e^- \to \pi^0 \rho^0 D^+ \bar{D}^{*-} D_s^+ n \bar{p}$	16186	1	23555
16188	$e^+e^- \to \pi^0 \pi^+ \pi^+ K^- D_2^{*-} \bar{D}^0 D^{*0}$	16187	1	23556
16189	$e^+e^- \to \rho^+ \omega D^{*+} \bar{D}^{*-} D_s^{*-} \gamma$	16188	1	23557
16190	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^- K^+ K^{*-} D^+ D^-$	16189	1	23558
16191	$e^+e^- \to \pi^0 \pi^- \bar{K}^0 K^* \bar{K}^* D^- D^{*+} \bar{D}^0 D_s^+$	16190	1	23559
16192	$e^+e^- \to \pi^+ \pi^+ \pi^- \omega D^+ D^- D_s^- p \bar{p}$	16191	1	23560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16193	$e^+e^- \to \rho^0\pi^-\omega K^0K^-D^+D^+$	16192	1	23561
16194	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^{*+}D^+\bar{D}^{*0}$	16193	1	23562
16195	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^+D^-$	2395	1	23563
16196	$e^+e^- \to \pi^0\rho^0\pi^+K^-K^{*+}\bar{D}^{*-}D^{*0}$	16195	1	23564
16197	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\omega K^0K^{*-}D^-D^{*0}\bar{D}^{*0}$	16196	1	23565
16198	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0D^{*+}\bar{D}^{*-}$	16197	1	23566
16199	$e^+e^- \to \rho^+\rho^-D^+\bar{D}^{*-}n\bar{n}$	2396	1	23567
16200	$e^+e^- \to \eta\omega K^+\eta'D^-D^0\bar{n}\Lambda$	16199	1	23568
16201	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^+D^-D_1^-$	16200	1	23569
16202	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^{*-}$	16201	1	23570
16203	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^0\pi^0D^{*+}D^{*+}$	40	1	23571
16204	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}D_0^{*+}$	16203	1	23572
16205	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\omega\bar{D}^{*-}D_1^+$	16204	1	23573
16206	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-K^*D^{*+}\bar{D}^{*0}\bar{n}\Lambda$	16205	1	23574
16207	$e^+e^- \to \pi^0\rho^+\bar{D}^0np\bar{p}\bar{p}$	16206	1	23575
16208	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^0D_2^{*-}\bar{D}^0\bar{n}p$	16207	1	23576
16209	$e^+e^- \to \mu^+\nu_\mu\omega\bar{D}^{*-}p\bar{\Sigma}_c^{*-}$	16208	1	23577
16210	$e^+e^- \to e^+\nu_e\pi^+\bar{K}^0n\bar{\Delta}^+D_0^{*-}$	16209	1	23578
16211	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^+D^-\bar{D}^0D^{*0}$	16210	1	23579
16212	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0K^*D^+D_s^-$	16211	1	23580
16213	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-}D_1'^+$	16212	1	23581
16214	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^{*+}\bar{D}^{*-}$	16213	1	23582
16215	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0K^-D^{*+}D_0^{*+}$	16214	1	23583
16216	$e^+e^- \to \pi^-\eta\bar{K}^0K^{*+}D^-D^{*+}\gamma$	16215	1	23584
16217	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}D_s^{*+}$	16216	1	23585
16218	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}$	16217	1	23586
16219	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{n}p$	2398	1	23587
16220	$e^+e^- \to \pi^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	16219	1	23588
16221	$e^+e^- \to \pi^+\eta\bar{K}^0K^-K^{*+}D^-D^{*+}\bar{D}^{*-}$	2399	1	23589
16222	$e^+e^- \to \pi^-\rho^+\rho^-K^0D^{*+}n\bar{\Sigma}_c^0$	16221	1	23590
16223	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_1^-$	16222	1	23591
16224	$e^+e^- \to \eta K^0K^-D^+\bar{D}^{*-}D_s^{*+}$	16223	1	23592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16225	$e^+e^- \to \rho^-\eta\omega K^+\eta' D^{*+} n\bar{p}$	2400	1	23593
16226	$e^+e^- \to \pi^+\pi^-\rho^+\eta' D^- \bar{D}^{*-} a_1^+$	16225	1	23594
16227	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\bar{K}^0 K^- K^{*+} D_1^-$	542	1	23595
16228	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^-\eta' D^{*+}\bar{D}^{*-}\bar{D}^0$	16227	1	23596
16229	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}\bar{D}^{*-} n\bar{n}$	16228	1	23597
16230	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}$	16229	1	23598
16231	$e^+e^- \to \pi^0\pi^0\rho^-\omega\omega D^{*+} J/\psi$	2402	1	23599
16232	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0\bar{K}^0 D^- D^{*+}$	2403	1	23600
16233	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{n}p$	16232	1	23601
16234	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+ K^+ K^-\bar{D}^{*-} D^0$	16233	1	23602
16235	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega\bar{K}^0 K^- K^{*+} D^- D^{*0}$	16234	1	23603
16236	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-} n\bar{\Sigma}^{*-}$	16235	1	23604
16237	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\eta K^{*+} K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	16236	1	23605
16238	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+ K^- D^- D^0\bar{D}^{*0} n\bar{p}$	16237	1	23606
16239	$e^+e^- \to \pi^+\pi^+\pi^- K^* D^0 D_s^{*-} J/\psi$	16238	1	23607
16240	$e^+e^- \to \pi^0\pi^0\pi^- K^0\bar{K}^* D^+ D^- D_s^{*+}$	16239	1	23608
16241	$e^+e^- \to \pi^+\rho^+ K^- D^+ D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	16240	1	23609
16242	$e^+e^- \to \pi^0\pi^-\eta D^{*+}\bar{D}^{*-} D_s^{*+}$	16241	1	23610
16243	$e^+e^- \to \pi^0\pi^-\pi^-\omega\omega K^+ K^{*-} D^+ D^{*+}$	16242	1	23611
16244	$e^+e^- \to e^+\nu_e\pi^0\pi^+ K^0 K^- K^- D_s^{*+} D_1^-$	16243	1	23612
16245	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0\eta_c D_1'^-$	16244	1	23613
16246	$e^+e^- \to \pi^0 D^- D_s^+\bar{p}\Lambda_c^+\gamma$	16245	1	23614
16247	$e^+e^- \to \pi^0\pi^-\omega K^- D^+ D^{*+}\bar{D}^0$	16246	1	23615
16248	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^{*-}\bar{D}^{*-} D_s^+$	16247	1	23616
16249	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^-\pi^+ D^{*0}$	16248	1	23617
16250	$e^+e^- \to \pi^+\pi^-\pi^- K^{*+} K^{*-} D^- D^{*+}\bar{n}p$	543	1	23618
16251	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$	16250	1	23619
16252	$e^+e^- \to \pi^0\rho^0\pi^- K^*\eta' D^{*+} D^0\bar{D}^0$	16251	1	23620
16253	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^{*+} p\bar{\Sigma}_c^-$	16252	1	23621
16254	$e^+e^- \to \pi^0\rho^- D^+\bar{D}^{*-} a_1^+$	2405	1	23622
16255	$e^+e^- \to \eta\omega K^0\bar{D}^0 D^{*0}\bar{\Delta}^0\Sigma_c^{*0}$	16254	1	23623
16256	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^- K^0 D^{*+}$	16255	1	23624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16257	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^-D^+D^{*+}$	16256	1	23625
16258	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	16257	1	23626
16259	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^-D^{*+}\bar{D}^0\gamma$	16258	1	23627
16260	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-K^{*+}D^+D^-D_s^{*-}$	16259	1	23628
16261	$e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^-\bar{D}^{*-}D_2^{*+}D_s^-$	16260	1	23629
16262	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{n}\Xi_c^{\prime 0}$	16261	1	23630
16263	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}D^{*0}$	16262	1	23631
16264	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^+K^{*-}D^+\bar{D}^{*-}$	16263	1	23632
16265	$e^+e^- \to \pi^+\rho^-K^0K^0\bar{K}^0K^-K^-D^+D^{*+}\bar{D}^{*0}$	16264	1	23633
16266	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*0}$	16265	1	23634
16267	$e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0D^-D^{*+}\Delta^0\bar{\Xi}_c^0$	16266	1	23635
16268	$e^+e^- \to \bar{K}^*K^{*+}D^-D^{*+}D_s^-$	16267	1	23636
16269	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^+K^-K^{*-}D^-J/\psi$	2406	1	23637
16270	$e^+e^- \to \eta D^+p\bar{\Lambda}_c^-a_1^-$	16269	1	23638
16271	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega D^+\bar{D}^0D_s^{*-}$	16270	1	23639
16272	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	16271	1	23640
16273	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+D^-D^0D_s^-$	16272	1	23641
16274	$e^+e^- \to e^-\bar{\nu}_eD_2^{*+}J/\psi K_1^0$	16273	1	23642
16275	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\rho^+D^-D^-$	16274	1	23643
16276	$e^+e^- \to \pi^0\pi^-\bar{D}^0D^{*0}D_s^{*+}\Delta^0\bar{\Delta}^0$	16275	1	23644
16277	$e^+e^- \to e^+\nu_e\rho^-K^-K^{*+}D^+\bar{D}^{*-}$	16276	1	23645
16278	$e^+e^- \to \pi^+\eta D^{*+}\Delta^-\bar{p}\Delta^+\bar{\Lambda}_c^-$	16277	1	23646
16279	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+}D^{*+}$	544	1	23647
16280	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\bar{K}^0K^*D^+D^-\bar{D}^{*-}$	16279	1	23648
16281	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^-D^{*+}$	16280	1	23649
16282	$e^+e^- \to \pi^0\pi^+K^-D^{*+}\bar{D}^0D^{*0}D_{s1}^{\prime -}$	16281	1	23650
16283	$e^+e^- \to \pi^-\eta K^0D^+D^{*+}\bar{p}\Lambda$	16282	1	23651
16284	$e^+e^- \to e^+\nu_e\rho^0\pi^+K^*\bar{K}^*D^-\bar{D}^{*-}$	545	1	23652
16285	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+D_2^{*-}$	16284	1	23653
16286	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*\bar{K}^*K^+D^+D^-$	16285	1	23654
16287	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^{\prime +}$	16286	1	23655
16288	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^0D^{*0}\bar{D}^{*0}$	16287	1	23656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16289	$e^+e^- \to \rho^0\pi^+\pi^-\eta\eta\bar{D}^{*0}\bar{n}\Sigma_c^0$	16288	1	23657
16290	$e^+e^- \to \pi^0K^0\bar{K}^*D_s^+D_s^{*-}\psi'$	16289	1	23658
16291	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-\bar{n}p\bar{K}_0^{*0}$	16290	1	23659
16292	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-}$	2409	1	23660
16293	$e^+e^- \to \pi^-K^+K^{*+}\bar{D}^{*-}D^{*0}\eta_c(2S)$	16292	1	23661
16294	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^*K^{*-}D^+D^-\bar{D}^{*0}$	16293	1	23662
16295	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	16294	1	23663
16296	$e^+e^- \to \rho^0\rho^-\bar{K}^*D^+n\bar{\Xi}_c^{\prime 0}$	16295	1	23664
16297	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega K^*K^-D^+\bar{D}^{*0}$	16296	1	23665
16298	$e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}\Delta^-\bar{n}$	16297	1	23666
16299	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+}$	16298	1	23667
16300	$e^+e^- \to K^*K^{*-}D^+\bar{D}^0D_s^-D_s^{*+}$	16299	1	23668
16301	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\eta\bar{K}^0K^*K^-\bar{D}^{*-}\bar{D}^{*-}$	16300	1	23669
16302	$e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^-D_s^{*+}$	16301	1	23670
16303	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega D^+D^-D_{s1}^{\prime -}$	16302	1	23671
16304	$e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\bar{K}^*K^{*+}\eta'D^+D^-$	16303	1	23672
16305	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}D^{*+}\Sigma^{*0}\bar{\Sigma}^{*-}$	16304	1	23673
16306	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\eta'D^+D^-$	16305	1	23674
16307	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega K^0K^+D^0D_s^{*-}$	16306	1	23675
16308	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+}$	16307	1	23676
16309	$e^+e^- \to \rho^0\rho^+\omega D^-\bar{D}^{*-}a_1^+$	16308	1	23677
16310	$e^+e^- \to \pi^+\pi^-\rho^-K^*\bar{K}^*K^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	16309	1	23678
16311	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-D_s^-D_s^{*+}$	16310	1	23679
16312	$e^+e^- \to \omega K^0D^{*+}D_s^{*-}J/\psi$	16311	1	23680
16313	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-K^{*+}D^+\bar{D}^0D^{*0}$	16312	1	23681
16314	$e^+e^- \to \pi^+\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	16313	1	23682
16315	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega K^0\bar{K}^0\phi D^-D^{*+}$	16314	1	23683
16316	$e^+e^- \to K^0K^-D^-D^{*+}a_1^+$	16315	1	23684
16317	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}\bar{\Lambda}\Sigma^0$	16316	1	23685
16318	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^-D^{*+}D_{s1}^{\prime -}$	16317	1	23686
16319	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_1^+$	16318	1	23687
16320	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	16319	1	23688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16321	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^0D^+\chi_{c1}$	16320	1	23689
16322	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^*K^+K^-\bar{D}^{*-}D^0$	16321	1	23690
16323	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\eta K^0K^{*-}D^+D^-$	16322	1	23691
16324	$e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	16323	1	23692
16325	$e^+e^- \to \pi^+K^{*-}K^{*-}J/\psi p\bar{\Xi}_c^{\prime 0}$	16324	1	23693
16326	$e^+e^- \to \mu^+\nu_\mu K^0K^-D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}$	16325	1	23694
16327	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^+\rho^-D^-\bar{D}^{*-}$	16326	1	23695
16328	$e^+e^- \to \eta\bar{K}^0K^+K^+D^-\bar{D}^{*-}D^0$	16327	1	23696
16329	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^*K^-\phi D^{*+}D_s^+$	16328	1	23697
16330	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta D^-D_1^+$	16329	1	23698
16331	$e^+e^- \to \pi^0\rho^+\eta\omega D^-D_2^{*-}D_s^+$	16330	1	23699
16332	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^+J/\psi n\bar{p}$	16331	1	23700
16333	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega\omega D^+\Delta^0\bar{\Sigma}_c^0$	16332	1	23701
16334	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}D^0$	16333	1	23702
16335	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}D^0$	16334	1	23703
16336	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D^+D^-D_s^+p\bar{\Sigma}^-$	16335	1	23704
16337	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}D_s^+$	16336	1	23705
16338	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega\bar{D}^{*-}D^0$	16337	1	23706
16339	$e^+e^- \to \mu^+\nu_\mu D^-D^{*+}\bar{D}^{*-}$	2410	1	23707
16340	$e^+e^- \to \pi^0\pi^0D^+\bar{D}^{*-}D_s^+D_s^{*-}$	16339	1	23708
16341	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-D^+p\bar{\Sigma}_c^0$	16340	1	23709
16342	$e^+e^- \to \pi^-K^-K^{*+}D^+D^-D_{s1}^{\prime +}$	16341	1	23710
16343	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^-D^{*+}$	16342	1	23711
16344	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}$	16343	1	23712
16345	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^+D^{*+}D_s^-$	16344	1	23713
16346	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	16345	1	23714
16347	$e^+e^- \to \pi^0\rho^0\omega K^-K^-K^{*+}D^+\Delta^0\bar{\Sigma}_c^{*0}$	2411	1	23715
16348	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+D^{*+}D^0$	16347	1	23716
16349	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0D^-D^{*+}$	16348	1	23717
16350	$e^+e^- \to \rho^0\pi^+\omega K^+K^{*-}\bar{D}^{*-}D^0\Delta^0\bar{\Delta}^0$	16349	1	23718
16351	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega\omega K^0D^+D^{*+}\bar{D}^{*-}$	2412	1	23719
16352	$e^+e^- \to \rho^0\rho^-\rho^-K^0\bar{K}^0K^{*+}D^+D^0\bar{D}^0$	16351	1	23720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16353	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- D^{*+}\bar{\Delta}^0\Lambda_c^+$	16352	1	23721
16354	$e^+e^- \to \pi^0\pi^-\pi^-\eta\omega K^{*+}D^+D^0\bar{D}^0$	16353	1	23722
16355	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega D^-\bar{D}^{*-}$	16354	1	23723
16356	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^- D^{*+}\bar{n}p$	16355	1	23724
16357	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+ D^-\bar{D}^{*-}$	16356	1	23725
16358	$e^+e^- \to \rho^-\eta\omega D^{*+}D_s^+ n\bar{\Lambda}_c^-$	16357	1	23726
16359	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\omega D^- D^-$	16358	1	23727
16360	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\bar{K}^0K^*D^+D^-$	16359	1	23728
16361	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\rho^- K^+D^{*+}$	16360	1	23729
16362	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\bar{K}^0D^+\bar{D}^0J/\psi$	16361	1	23730
16363	$e^+e^- \to \pi^0\pi^0 D^-\bar{D}^{*-}D_s^+D_s^+\gamma$	16362	1	23731
16364	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0D_s^{*+}D_s^{*-}D_0^{*+}$	16363	1	23732
16365	$e^+e^- \to K^0K^*K^{*-}D^+\bar{D}^0D_s^+\bar{p}\Lambda$	2413	1	23733
16366	$e^+e^- \to e^+\nu_e\eta\bar{\Delta}^0\Sigma_c^{*0}D_1'^-$	16365	1	23734
16367	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	16366	1	23735
16368	$e^+e^- \to \pi^-\rho^+\rho^-\eta D^- D^{*+}a_1^+$	16367	1	23736
16369	$e^+e^- \to e^+\nu_e\pi^+\pi^- D^-\bar{D}^{*-}D_{s0}^{*+}$	16368	1	23737
16370	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 D^-\bar{D}^{*-}D_s^{*+}$	16369	1	23738
16371	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^-$	16370	1	23739
16372	$e^+e^- \to D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^- a_1^+$	16371	1	23740
16373	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^0K^-\eta' D^+\bar{D}^{*-}$	16372	1	23741
16374	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^*K^+D^-\bar{D}^{*-}$	16373	1	23742
16375	$e^+e^- \to \omega K^+\bar{D}^{*-}D^{*0}p\bar{\Sigma}_c^-$	16374	1	23743
16376	$e^+e^- \to \rho^-\eta K^{*+}D^- J/\psi\bar{n}p$	2414	1	23744
16377	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^*D^+D^{*+}\bar{D}^{*-}$	16376	1	23745
16378	$e^+e^- \to \pi^-\rho^+\rho^- D^+D_s^+D_1'^-$	16377	1	23746
16379	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\omega\bar{K}^0K^+D^-D^-D^0$	16378	1	23747
16380	$e^+e^- \to \pi^0\rho^0\pi^+D^-D^{*+}n\bar{p}$	16379	1	23748
16381	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^-D_1'^+$	16380	1	23749
16382	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^{*+}D_2^{*-}$	16381	1	23750
16383	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\rho^-\rho^-\bar{K}^*\bar{D}^{*-}D_s^{*+}$	16382	1	23751
16384	$e^+e^- \to K^0K^*D^-D^{*+}D^{*+}\bar{D}^{*-}$	16383	1	23752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16385	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta\bar{K}^0D^-D^{*+}$	16384	1	23753
16386	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\omega\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	16385	1	23754
16387	$e^+e^- \to \rho^0\rho^0\rho^+\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	16386	1	23755
16388	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0D^-D^{*+}$	16387	1	23756
16389	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^*D^-\bar{n}\Lambda D_1^+$	2415	1	23757
16390	$e^+e^- \to \rho^0\pi^+\pi^+\eta K^0K^*D^-\bar{D}^{*-}$	16389	1	23758
16391	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*\bar{D}^{*-}\Delta^+\bar{\Lambda}_c^-$	16390	1	23759
16392	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\bar{K}^0\bar{K}^*K^+K^+D^{*+}D^{*0}$	16391	1	23760
16393	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\bar{K}^0D^-D_s^{*+}\bar{n}\Lambda_c^+$	16392	1	23761
16394	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\rho^-\eta\omega D^+D_1'^-$	16393	1	23762
16395	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega K^0\bar{K}^0\bar{K}^0D^+D_1'^-$	16394	1	23763
16396	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^{*+}\eta_c n\bar{\Lambda}_c^-$	16395	1	23764
16397	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-a_1^+D_1'^+\gamma$	16396	1	23765
16398	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^+D^+\bar{\Sigma}^{*0}\Xi^{*-}$	16397	1	23766
16399	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	16398	1	23767
16400	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^*K^-D^-D_s^+$	16399	1	23768
16401	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-D^{*+}D^{*0}$	16400	1	23769
16402	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^+D^{*+}$	16401	1	23770
16403	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}D_{s1}'^+$	16402	1	23771
16404	$e^+e^- \to \rho^+\rho^-\omega D^{*+}D^0D_s^{*-}$	16403	1	23772
16405	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}D_2^{*+}$	16404	1	23773
16406	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^*K^+D^+D^-$	16405	1	23774
16407	$e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0D^-D^{*+}D^{*+}$	2416	1	23775
16408	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-}$	16407	1	23776
16409	$e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^+$	16408	1	23777
16410	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0\bar{D}^0$	16409	1	23778
16411	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta K^-K^{*+}D^-\bar{D}^{*-}$	16410	1	23779
16412	$e^+e^- \to D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n$	16411	1	23780
16413	$e^+e^- \to \rho^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}D_1'^-$	16412	1	23781
16414	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^-\bar{D}^{*-}D^0$	16413	1	23782
16415	$e^+e^- \to \eta\omega\bar{K}^0K^+K^-\bar{D}^{*-}D_s^{*+}$	16414	1	23783
16416	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega K^0K^{*+}K^{*-}D^+\bar{D}^{*-}$	16415	1	23784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16417	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0\bar{D}^{*-}D_s^- D_s^{*+}$	16416	1	23785
16418	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\rho^+\rho^-\rho^-\bar{K}^0 D_1^+$	16417	1	23786
16419	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^- D^+ D^+\bar{D}^0$	16418	1	23787
16420	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\rho^- K^0 K^- D^- D^{*+} D_s^{*-}$	16419	1	23788
16421	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+ D^-$	16420	1	23789
16422	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^*\bar{D}^{*-}D_s^+$	2417	1	23790
16423	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\bar{K}^0\bar{K}^0 K^+ K^+ D^{*+}\bar{D}^{*-}$	16422	1	23791
16424	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^- D^+\bar{n}\Sigma_c^{*++}$	16423	1	23792
16425	$e^+e^- \to e^-\bar{\nu}_e K^{*-} D^{*+}\bar{\Sigma}^{*0}\Xi_c^{*+}$	16424	1	23793
16426	$e^+e^- \to \pi^0\rho^0\pi^- D^+\bar{D}^{*-}D_s^{*+}$	16425	1	23794
16427	$e^+e^- \to \pi^+\pi^-\rho^- D^+ D_2^{*+} D_s^-$	16426	1	23795
16428	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- n\bar{\Sigma}^+ D_1^+$	16427	1	23796
16429	$e^+e^- \to \rho^0\pi^- D^{*+}\bar{D}^{*-}p\bar{p}D_{s1}'^+$	16428	1	23797
16430	$e^+e^- \to \mu^+\nu_\mu\pi^+\phi\bar{D}^{*-}D_s^{*-}$	2418	1	23798
16431	$e^+e^- \to \rho^+ D^{*+} D_s^{*-} n\bar{\Xi}_c^-$	16430	1	23799
16432	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-}$	16431	1	23800
16433	$e^+e^- \to \pi^+ K^- K^- D^{*+}\bar{D}^{*0}\chi_{c1}$	16432	1	23801
16434	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 D^+\bar{D}^{*-}D^0$	16433	1	23802
16435	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^- K^- D^+\bar{D}^{*-}\bar{D}^0$	16434	1	23803
16436	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega\bar{K}^* D^- D^- D^{*+}$	16435	1	23804
16437	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0 K^{*+} D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	16436	1	23805
16438	$e^+e^- \to \pi^+ D^{*+}\Delta^0\bar{\Sigma}_c^- a_1^-$	16437	1	23806
16439	$e^+e^- \to K^0 K^* K^{*-} D^+ D^+ D^-$	16438	1	23807
16440	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^0 K^* K^- D^{*+}$	16439	1	23808
16441	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	2419	1	23809
16442	$e^+e^- \to e^-\bar{\nu}_e D^{*+}\bar{D}^{*0}\bar{p}\Delta^+$	16441	1	23810
16443	$e^+e^- \to \rho^+ K^{*+}\bar{D}^{*-}D_2^{*-} D^{*0}$	16442	1	23811
16444	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^* K^+ K^- K^- D^+\bar{D}^{*-}$	2420	1	23812
16445	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D^{*+} D_2^{*-}$	16444	1	23813
16446	$e^+e^- \to \pi^0\pi^+ K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^0$	16445	1	23814
16447	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta K^* K^{*-} D^+ D^-$	16446	1	23815
16448	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- K^* D^- D^{*+}\bar{D}^{*-}$	16447	1	23816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16449	$e^+e^- \to \rho^0\pi^+\pi^+D^-D^0D_s^-p\bar{\Delta}^+$	16448	1	23817
16450	$e^+e^- \to K^-K^-D^{*+}\bar{D}^0p\bar{\Xi}_c'^0$	16449	1	23818
16451	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+$	16450	1	23819
16452	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eX_u^+X_u^-$	16451	1	23820
16453	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\bar{K}^0K^*D^+$	16452	1	23821
16454	$e^+e^- \to \pi^0\pi^0D^-\bar{D}^{*-}D_s^+D_s^{*+}$	16453	1	23822
16455	$e^+e^- \to \rho^0\pi^+D^-D^{*+}D_s^{*-}\Delta^{++}\bar{\Delta}^{++}$	16454	1	23823
16456	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^*D^+D^{*+}\bar{D}^{*-}$	16455	1	23824
16457	$e^+e^- \to \pi^0\rho^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	16456	1	23825
16458	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-}$	16457	1	23826
16459	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^{*+}D_0^{*-}$	16458	1	23827
16460	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+D^-D_1'^-$	16459	1	23828
16461	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D^{*+}D_s^+\gamma$	16460	1	23829
16462	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0D^{*+}\bar{D}^0D^{*0}$	16461	1	23830
16463	$e^+e^- \to \pi^+\omega D^-D^{*+}n\bar{\Delta}^+$	16462	1	23831
16464	$e^+e^- \to \pi^+D^{*+}a_1^-D_1'^-$	16463	1	23832
16465	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega D^+D^-D_s^+$	16464	1	23833
16466	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^-D^{*+}$	16465	1	23834
16467	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^{*+}\bar{\Delta}^+\Sigma_c^0$	16466	1	23835
16468	$e^+e^- \to \mu^+\nu_\mu\rho^0D^{*+}\bar{D}^{*-}n\bar{p}$	16467	1	23836
16469	$e^+e^- \to \pi^0K^-K^{*+}D^+\bar{D}^{*-}D^0\bar{D}^{*0}$	16468	1	23837
16470	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	16469	1	23838
16471	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^0K^-D^+\bar{D}^{*-}$	16470	1	23839
16472	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^*D^{*+}D^{*0}$	16471	1	23840
16473	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^-\omega K^0\bar{K}^0K^+K^{*-}D^+$	16472	1	23841
16474	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega\omega K^0K^{*+}K^{*-}D^{*0}$	16473	1	23842
16475	$e^+e^- \to \mu^+\nu_\mu\pi^+D_2^{*-}D^0D_s^{*-}$	16474	1	23843
16476	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_1^+\gamma$	16475	1	23844
16477	$e^+e^- \to e^+\nu_e\pi^0K^0K^-D^{*+}\bar{D}^{*-}$	16476	1	23845
16478	$e^+e^- \to \rho^+K^0D^{*+}\bar{D}^{*-}D^0D_{s1}'^-$	16477	1	23846
16479	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\omega K^-D^-n\bar{p}$	16478	1	23847
16480	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	16479	1	23848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16481	$e^+e^- \to K^0\bar{K}^*K^+D^+\bar{D}^{*-}\bar{\Sigma}^-\Xi^0$	16480	1	23849
16482	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+D^-$	2421	1	23850
16483	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	16482	1	23851
16484	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Lambda$	16483	1	23852
16485	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	16484	1	23853
16486	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^0$	16485	1	23854
16487	$e^+e^- \to \pi^+\omega K^*K^-D^{*+}\bar{D}^{*-}$	16486	1	23855
16488	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-}$	16487	1	23856
16489	$e^+e^- \to \pi^0\bar{K}^*D^+\bar{D}^{*-}\bar{p}\Sigma_c^+$	16488	1	23857
16490	$e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}D_s^+$	16489	1	23858
16491	$e^+e^- \to \rho^0\rho^0\pi^+\eta D^-D^{*+}D_s^-$	16490	1	23859
16492	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+K^+K^{*-}D^-D^0D_s^-$	16491	1	23860
16493	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	16492	1	23861
16494	$e^+e^- \to \pi^0\pi^+K^0D^-D^0D_s^-\bar{\Sigma}^+\Sigma^0$	16493	1	23862
16495	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^*K^-D^{*+}D^{*+}$	16494	1	23863
16496	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D^{*0}\bar{\Delta}^-\Delta^0$	16495	1	23864
16497	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^*K^+D^+D^-$	16496	1	23865
16498	$e^+e^- \to \pi^-D^-\bar{\Delta}^0\Sigma_c^+D_{s1}'^+$	16497	1	23866
16499	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\eta\bar{K}^0D_2^{*-}D_s^{*+}$	16498	1	23867
16500	$e^+e^- \to e^+\nu_eK^0D^{*+}\bar{D}^{*-}D_2^{*-}$	16499	1	23868
16501	$e^+e^- \to K^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D^0$	16500	1	23869
16502	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^-K^{*+}K^{*-}D^+D^{*+}\bar{D}^{*0}$	16501	1	23870
16503	$e^+e^- \to \pi^0\eta K^-D_s^+\bar{\Sigma}^+\Xi_c^0D_1^-$	16502	1	23871
16504	$e^+e^- \to e^+\nu_e\rho^0D^{*0}D_1'^-$	16503	1	23872
16505	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\eta\bar{D}^{*-}p\bar{p}$	16504	1	23873
16506	$e^+e^- \to D^-D^{*+}D_s^{*-}\Lambda\bar{\Xi}^+$	2422	1	23874
16507	$e^+e^- \to \rho^0\rho^-\eta\eta'D^+D^-\bar{\Delta}^-\Delta^0$	16506	1	23875
16508	$e^+e^- \to \pi^0\pi^0D^-D^0D_s^+\Delta^0\bar{\Delta}^0$	16507	1	23876
16509	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\eta K^-\bar{D}^{*-}\bar{D}^{*-}D^0$	16508	1	23877
16510	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\omega D^-\bar{n}pD_1^+$	16509	1	23878
16511	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^{*+}\bar{D}^0D^{*0}$	16510	1	23879
16512	$e^+e^- \to \rho^-\eta K^*K^{*-}D^{*+}D^{*+}$	16511	1	23880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16513	$e^+e^- \to \rho^0\pi^+\rho^-\bar{D}^{*-}D^{*0}a_1^+$	2423	1	23881
16514	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^-D^0D_{s0}^{*+}$	2424	1	23882
16515	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	16514	1	23883
16516	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_s^{*-}D_1'^+$	16515	1	23884
16517	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D^{*+}D_s^+$	16516	1	23885
16518	$e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^{*-}$	16517	1	23886
16519	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^+K^+D^-D^-D^{*+}$	16518	1	23887
16520	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^-D^{*+}$	16519	1	23888
16521	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D_0^{*+}$	16520	1	23889
16522	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau X_u^+\rho^-$	16521	1	23890
16523	$e^+e^- \to \pi^0K^*K^-D^+D^{*0}\bar{D}^{*0}$	16522	1	23891
16524	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^0\bar{K}^0K^+$	16523	1	23892
16525	$e^+e^- \to \pi^+\rho^-\rho^-\omega\bar{K}^0K^+D^-D^{*+}$	546	1	23893
16526	$e^+e^- \to \tau^+\nu_\tau\rho^+\bar{p}\Sigma_c^0D_1'^-$	2426	1	23894
16527	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}a_1^+$	16526	1	23895
16528	$e^+e^- \to \pi^0\pi^0D^+D_2^{*-}D_s^+D_s^-\gamma$	16527	1	23896
16529	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^+K^{*-}D^-D^{*+}$	16528	1	23897
16530	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta K^+D^-\bar{D}^{*-}$	16529	1	23898
16531	$e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^+$	16530	1	23899
16532	$e^+e^- \to \pi^0\pi^+\eta\eta K^*K^+K^-K^-D^+\bar{D}^{*-}$	16531	1	23900
16533	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-D^{*0}D_1^+$	16532	1	23901
16534	$e^+e^- \to \pi^-D^+\bar{D}^{*0}D_s^{*+}D_s^{*-}$	16533	1	23902
16535	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0D^-D^0$	16534	1	23903
16536	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-D^+D^-n\bar{p}$	16535	1	23904
16537	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^{*-}D^-D^{*+}\bar{D}^{*-}$	16536	1	23905
16538	$e^+e^- \to \pi^+D^-D^-D_s^+$	16537	1	23906
16539	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}D^{*+}$	16538	1	23907
16540	$e^+e^- \to \pi^0K^-D^-D^{*+}\bar{D}^{*0}\bar{n}p$	16539	1	23908
16541	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-D^{*+}D_0^{*-}$	16540	1	23909
16542	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-\bar{D}^0$	16541	1	23910
16543	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega\bar{K}^0D_s^{*+}D_s^{*-}$	16542	1	23911
16544	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D_1'^+$	16543	1	23912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16545	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^-K^{*+}D^-D^{*+}$	16544	1	23913
16546	$e^+e^- \to \pi^+\pi^-\rho^-\omega\omega\bar{D}^{*-}D^{*0}\bar{n}\Delta^{++}$	16545	1	23914
16547	$e^+e^- \to \eta K^0\bar{K}^*K^{*+}\bar{D}^{*-}\eta_c$	16546	1	23915
16548	$e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	16547	1	23916
16549	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	16548	1	23917
16550	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^-D^{*0}$	16549	1	23918
16551	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{D}^0D_s^{*+}D_0^{*+}$	16550	1	23919
16552	$e^+e^- \to \rho^-\rho^-\eta D^{*+}\bar{n}\Xi_c'^+$	2427	1	23920
16553	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	16552	1	23921
16554	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^-K^0\bar{K}^0D^{*+}D^{*+}$	16553	1	23922
16555	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}D_s^{*-}\gamma$	16554	1	23923
16556	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}p\bar{\Xi}_c^-$	16555	1	23924
16557	$e^+e^- \to \pi^-\rho^+\rho^-\eta\bar{K}^0K^{*-}D^+D^{*+}\bar{D}^{*0}$	16556	1	23925
16558	$e^+e^- \to e^+\nu_e\rho^-\eta'D^-D^{*+}$	16557	1	23926
16559	$e^+e^- \to \rho^0\pi^-\rho^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+}$	16558	1	23927
16560	$e^+e^- \to \pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	16559	1	23928
16561	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\omega\bar{K}^0K^+D^-D^{*+}$	16560	1	23929
16562	$e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	16561	1	23930
16563	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\omega D^+D^-$	16562	1	23931
16564	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^-D_s^{*+}\gamma$	141	1	23932
16565	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*-}D^{*+}D^{*+}\gamma$	16564	1	23933
16566	$e^+e^- \to \rho^0\pi^-\pi^-\eta K^0\bar{K}^*K^+D^+D^-D^{*+}$	16565	1	23934
16567	$e^+e^- \to \pi^+\pi^-\eta K^0\bar{K}^0K^-D^-D^{*+}D^{*+}$	2429	1	23935
16568	$e^+e^- \to e^+\nu_e\pi^-\rho^+K^0\bar{K}^*D^0D_1^-$	548	1	23936
16569	$e^+e^- \to K^-\bar{D}^{*0}p\bar{\Delta}^+\bar{\Delta}^+\Sigma_c^{*++}$	16568	1	23937
16570	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^+D^+\bar{D}^{*-}D^{*0}$	16569	1	23938
16571	$e^+e^- \to e^+\nu_e\bar{K}^*J/\psi D_1^-$	16570	1	23939
16572	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-\bar{K}^*K^+D^+\bar{D}^{*-}$	16571	1	23940
16573	$e^+e^- \to \rho^0D^+\bar{D}^{*-}D_s^{*+}n\bar{p}$	16572	1	23941
16574	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	16573	1	23942
16575	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}D_s^-$	16574	1	23943
16576	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*-}$	16575	1	23944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16577	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\bar{D}^{*-}D_2^{*+}$	16576	1	23945
16578	$e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^+D_1'^+$	16577	1	23946
16579	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega D^-D^{*+}$	16578	1	23947
16580	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^-D^{*+}n\bar{n}$	16579	1	23948
16581	$e^+e^- \to \pi^-K^0K^+K^-D^+\eta_c(2S)$	16580	1	23949
16582	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^*K^{*+}D^-D^{*+}$	2431	1	23950
16583	$e^+e^- \to \pi^0\rho^-\rho^-K^0\bar{K}^*K^{*+}D^{*+}D^0$	16582	1	23951
16584	$e^+e^- \to \pi^0\rho^-\omega K^{*+}D^+\bar{D}^{*-}$	16583	1	23952
16585	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0D^+D_s^-\chi_{c0}$	16584	1	23953
16586	$e^+e^- \to \eta K^0K^0\bar{K}^0D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	16585	1	23954
16587	$e^+e^- \to \pi^+\rho^-K^0D^+D^-D^{*0}\bar{p}\Delta^+$	16586	1	23955
16588	$e^+e^- \to \pi^-\pi^-\rho^+\eta K^{*+}D^-\bar{\Delta}^+\Sigma_c^{++}$	2432	1	23956
16589	$e^+e^- \to \pi^-\eta\eta\bar{K}^0\bar{K}^0D_s^+D_s^-\Delta^0\bar{\Sigma}^+$	16588	1	23957
16590	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^-D^{*+}\bar{D}^{*-}$	16589	1	23958
16591	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^{*+}\bar{D}^{*-}D_0^{*+}$	16590	1	23959
16592	$e^+e^- \to \pi^+K^*\bar{K}^*D^-D^-D^{*+}D^0$	16591	1	23960
16593	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\bar{D}^{*-}D^0n\bar{p}$	16592	1	23961
16594	$e^+e^- \to e^+\nu_e\omega D^-\bar{n}\Xi_c'^0$	16593	1	23962
16595	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{p}\Xi_c^0$	16594	1	23963
16596	$e^+e^- \to \rho^-\eta K^+\bar{D}^0D^{*0}\bar{n}\Sigma_c^0$	16595	1	23964
16597	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+D^+\bar{D}^{*-}$	16596	1	23965
16598	$e^+e^- \to \pi^0\rho^+\rho^-\eta K^0\bar{K}^0D^+\bar{D}^0D_s^-$	16597	1	23966
16599	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}D_s^{*+}$	16598	1	23967
16600	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+K^*\bar{K}^*\phi D^-D^{*+}$	16599	1	23968
16601	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^-\phi D^-D^0$	16600	1	23969
16602	$e^+e^- \to K^+D^-D^{*0}D_s^-D_1'^+$	16601	1	23970
16603	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^0K^0\bar{K}^0\bar{K}^*D^-D^{*+}$	16602	1	23971
16604	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\bar{K}^0K^{*+}\phi D^{*+}D^{*0}\bar{D}^{*0}$	16603	1	23972
16605	$e^+e^- \to \rho^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Sigma}_c^0$	16604	1	23973
16606	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}D_2^{*+}D_s^-$	16605	1	23974
16607	$e^+e^- \to \pi^0\pi^0K^0K^*K^-K^{*+}K^{*-}D^+D^{*+}\bar{D}^{*-}$	16606	1	23975
16608	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^*D^-D^{*+}D_s^+$	16607	1	23976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16609	$e^+e^- \to \pi^+\eta\bar{K}^0D^-\bar{\Delta}^0\Sigma_c^0$	16608	1	23977
16610	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-D^+\bar{D}^{*-}$	16609	1	23978
16611	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}D_s^+$	2433	1	23979
16612	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}n\bar{p}$	16611	1	23980
16613	$e^+e^- \to \eta K^0K^+K^{*-}D^+\bar{D}^{*-}D^{*0}$	16612	1	23981
16614	$e^+e^- \to \rho^0K^0D_s^+D_s^{*-}\bar{p}\Sigma_c^+$	16613	1	23982
16615	$e^+e^- \to \bar{K}^*K^+K^+D^-D^-D^{*0}$	16614	1	23983
16616	$e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D^{*+}\gamma$	16615	1	23984
16617	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K^+K^-D^+D^-$	16616	1	23985
16618	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^+\bar{K}^0D_0^{*-}$	16617	1	23986
16619	$e^+e^- \to \bar{K}^0D^+D^-D^0\Delta^+\bar{\Delta}^+$	16618	1	23987
16620	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	2434	1	23988
16621	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^0\Delta^0\bar{\Delta}^0$	16620	1	23989
16622	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-K^+K^+K^-D^{*+}\eta_c$	16621	1	23990
16623	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-D^-\bar{\Delta}^+\Sigma_c^{++}$	16622	1	23991
16624	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*-}$	16623	1	23992
16625	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*0}p\bar{p}$	16624	1	23993
16626	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	16625	1	23994
16627	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\omega K^0D^+D^+D^-$	16626	1	23995
16628	$e^+e^- \to \pi^+\pi^+\rho^-K^0\bar{D}^{*-}D^0\bar{D}^0$	16627	1	23996
16629	$e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^0\bar{K}^0D_2^{*-}D^0$	16628	1	23997
16630	$e^+e^- \to \rho^0\rho^+D^-D_s^{*-}D_1'^+$	16629	1	23998
16631	$e^+e^- \to \eta D_2^{*-}D_s^+\bar{\Delta}^+\Sigma_c^+$	16630	1	23999
16632	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+D^-D^{*+}\Sigma^-\bar{\Lambda}$	16631	1	24000
16633	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^-D^{*+}D_s^+$	16632	1	24001
16634	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-}$	16633	1	24002
16635	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+D^-a_1^+$	16634	1	24003
16636	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega\bar{D}^{*-}$	2435	1	24004
16637	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^*D^+D^{*+}\Sigma^0\bar{\Sigma}^-$	16636	1	24005
16638	$e^+e^- \to \pi^0\pi^+\omega\omega K^0K^-D^+\bar{D}^{*-}$	16637	1	24006
16639	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta'\bar{\Sigma}^0\Xi_c^0D_0^{*-}$	16638	1	24007
16640	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^*K^+D^+D^-\bar{D}^{*0}$	16639	1	24008

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16641	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\eta D^+\bar{D}^0 D_s^+\bar{n}p$	16640	1	24009
16642	$e^+e^- \to e^+\nu_e\bar{K}^* D^- D^{*+} D_2^{*-}$	16641	1	24010
16643	$e^+e^- \to \pi^0\omega K^0 D^+ D^+ D^- D_s^-$	16642	1	24011
16644	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0 K^{*-}\bar{D}^{*-}\Delta^0\bar{\Lambda}$	16643	1	24012
16645	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+ K^+ K^- D^+ D^{*0}$	16644	1	24013
16646	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{n}\Sigma_c^+ D_0^{*-}$	16645	1	24014
16647	$e^+e^- \to \pi^+\pi^-\eta\omega K^*\bar{D}^0\chi_{c1}$	16646	1	24015
16648	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0 K^+ D^+\bar{D}^{*-}$	16647	1	24016
16649	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^*\bar{K}^*\bar{D}^{*-} n\bar{\Xi}_c'^0$	16648	1	24017
16650	$e^+e^- \to K^{*-} D^- D^{*+}\bar{\Delta}^-\Delta^0$	16649	1	24018
16651	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0 D^{*+} D^{*+}\bar{D}^0$	16650	1	24019
16652	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0 D^{*+} D^0\bar{D}^0$	16651	1	24020
16653	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	16652	1	24021
16654	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*0}$	16653	1	24022
16655	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta\phi D^- D^{*0} D_s^-$	16654	1	24023
16656	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega D^+\bar{D}^{*-}$	16655	1	24024
16657	$e^+e^- \to \rho^0\rho^0 K^0 K^0 K^- D^+ D^0\bar{D}^0$	16656	1	24025
16658	$e^+e^- \to \pi^0\pi^+\rho^- K^0\bar{K}^* D^{*+} a_0^-$	16657	1	24026
16659	$e^+e^- \to \rho^+\rho^-\rho^- K^+ K^- D^+ D_2^{*-} D_s^+$	16658	1	24027
16660	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}\gamma$	549	1	24028
16661	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-\eta' D^{*+}$	16660	1	24029
16662	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}$	2437	1	24030
16663	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^* D^+ D^{*+} D_s^{*-}$	16662	1	24031
16664	$e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0 K^+ K^{*-} D^- D^{*+}\bar{D}^{*0}$	16663	1	24032
16665	$e^+e^- \to \pi^+\pi^-\eta\omega\bar{K}^*\bar{K}^* K^+\bar{D}^{*-} D^0$	16664	1	24033
16666	$e^+e^- \to \pi^+\pi^-\bar{K}^0 D^-\bar{n}p\psi'$	16665	1	24034
16667	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+ K^0 K^{*+} K^{*-} D^0$	16666	1	24035
16668	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\omega D^- D^-$	16667	1	24036
16669	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0\bar{D}^{*-} J/\psi$	16668	1	24037
16670	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^0 D^{*+} D^0\bar{D}^0$	16669	1	24038
16671	$e^+e^- \to \bar{K}^* K^- K^- D^{*+} D^{*+}\bar{D}^{*0}$	16670	1	24039
16672	$e^+e^- \to \pi^0\omega\eta' D^{*+}\eta_c a_1^-$	16671	1	24040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16673	$e^+e^- \to \rho^0\rho^0\rho^+\rho^- D^+\bar{D}^{*-}\gamma$	16672	1	24041
16674	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega\omega\omega D^+D^{*+}$	16673	1	24042
16675	$e^+e^- \to \pi^-\rho^- K^+\eta' D^+ J/\psi$	16674	1	24043
16676	$e^+e^- \to \rho^0\pi^-\omega K^+ D^- D^{*+}$	16675	1	24044
16677	$e^+e^- \to \pi^+\pi^+\rho^- K^+ D^{*+}\bar{D}^{*-} D^0 n\bar{\Delta}^{++}$	16676	1	24045
16678	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega D^+ D^-\bar{D}^{*-}\gamma$	16677	1	24046
16679	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*0}\Sigma^{*0}\bar{\Sigma}^{*0}$	16678	1	24047
16680	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0} D_0^{*-}$	16679	1	24048
16681	$e^+e^- \to \pi^0\pi^-\pi^-\omega\omega D^+ D^{*+} n\bar{n}$	16680	1	24049
16682	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\rho^+\omega D^+\bar{D}^{*-}$	16681	1	24050
16683	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0 K^* D^- D^{*+} D^{*+}$	16682	1	24051
16684	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*0} D_{s1}'^-$	16683	1	24052
16685	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta K^+ D^{*+}\chi_{c0}$	16684	1	24053
16686	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta D^{*+}\bar{D}^0 D_s^{*+}$	16685	1	24054
16687	$e^+e^- \to \pi^+\pi^-\bar{K}^0 K^+ D^+\bar{D}^{*-} D_{s1}'^-$	16686	1	24055
16688	$e^+e^- \to \pi^0\pi^- K^0 K^+ K^- D^+ D^{*0}$	16687	1	24056
16689	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^- D^+ D^- n\bar{p}$	16688	1	24057
16690	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^0 D^+\bar{D}^{*-}$	16689	1	24058
16691	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^- D^{*+} D_s^+$	16690	1	24059
16692	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0 K^+ D^{*+} D^0 D_s^{*-}$	2438	1	24060
16693	$e^+e^- \to \pi^+\bar{D}^{*-} p\bar{\Sigma}_c^{--} a_1^+$	16692	1	24061
16694	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^- K^0 K^0\bar{K}^0 D^+$	16693	1	24062
16695	$e^+e^- \to \pi^0\pi^0\rho^+ K^+ K^- D^+\bar{D}^{*-} D_s^{*-}$	16694	1	24063
16696	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega K^- D^{*+} D^{*0}$	16695	1	24064
16697	$e^+e^- \to \pi^+\pi^+\eta\eta\eta\omega K^-\bar{D}^{*-}\bar{p}\Lambda_c^+$	16696	1	24065
16698	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^- D^+\bar{D}^{*-} D_{s1}'^+$	16697	1	24066
16699	$e^+e^- \to \pi^0\pi^0 K^{*+} K^{*-} D^+ D^- D^0\bar{D}^{*0}$	16698	1	24067
16700	$e^+e^- \to \pi^+\pi^- D^{*+} D^{*+}\Delta^-\bar{n} D_{s1}'^-$	16699	1	24068
16701	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\omega D^- D_2^{*+}$	16700	1	24069
16702	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	16701	1	24070
16703	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^+ D^- D^{*+}$	16702	1	24071
16704	$e^+e^- \to \pi^+\pi^-\rho^- K^+ K^{*-} D^- D^{*+}\bar{\Delta}^-\Delta^0$	16703	1	24072

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16705	$e^+e^- \to \pi^+\pi^- K^* D^+ D^- D^{*+} a_1^-$	16704	1	24073
16706	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^0$	16705	1	24074
16707	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*0}$	550	1	24075
16708	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\bar{D}^0 D_0^{*-}$	16707	1	24076
16709	$e^+e^- \to e^-\bar{\nu}_e D^+\bar{D}^{*-}D_s^{*+}\gamma$	16708	1	24077
16710	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega D^{*+}\bar{\Delta}^0\Sigma_c^{*+}$	16709	1	24078
16711	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^- D^+\bar{n}\Lambda_c^+$	16710	1	24079
16712	$e^+e^- \to e^+\nu_e K^+\bar{D}^{*-}D^0 D_1^-$	16711	1	24080
16713	$e^+e^- \to \rho^-\eta D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	16712	1	24081
16714	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^- D^{*+}a_1^-$	16713	1	24082
16715	$e^+e^- \to \mu^+\nu_\mu D^+ D^- p\bar{\Delta}^{++}$	2440	1	24083
16716	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- K^0 D^+ D^{*+}\bar{D}^{*-}$	16715	1	24084
16717	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- K^0 K^0\bar{K}^* D^+ D^- D^0$	16716	1	24085
16718	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-\pi^- D^{*+}D_2^{*+}$	16717	1	24086
16719	$e^+e^- \to \pi^0\rho^0\pi^+\rho^- K^0\bar{K}^0 D^{*+}\bar{D}^0 n\bar{\Delta}^+$	16718	1	24087
16720	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\pi^+\pi^- D^-\bar{D}^{*-}$	16719	1	24088
16721	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0\bar{K}^0 D^+ D^0$	2441	1	24089
16722	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0 K^+ D^+\bar{D}^{*-}$	16721	1	24090
16723	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta\omega D^- D^0 D_s^-$	16722	1	24091
16724	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^- D^+ n\bar{n}D_1^-$	16723	1	24092
16725	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega\bar{K}^0 K^+ D^- D^-$	16724	1	24093
16726	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\chi_{c0}$	16725	1	24094
16727	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\bar{K}^*\eta' D^{*0}\bar{D}^{*0}$	16726	1	24095
16728	$e^+e^- \to \pi^0\pi^-\omega\omega K^{*-} D^+ D^{*+}$	16727	1	24096
16729	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^+\bar{D}^{*0} n\bar{\Delta}^+$	16728	1	24097
16730	$e^+e^- \to \pi^0\pi^+ K^* K^*\bar{D}^{*-}D^{*0}J/\psi$	16729	1	24098
16731	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta D^- D^0\bar{D}^{*0}$	16730	1	24099
16732	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta D^+ D^- D_s^+$	16731	1	24100
16733	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^* D^- D^{*+}\bar{D}^0$	16732	1	24101
16734	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 D^+ D^-\bar{D}^{*-}\bar{n}p$	16733	1	24102
16735	$e^+e^- \to \rho^0\pi^-\omega D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	16734	1	24103
16736	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- K^{*+} D^{*+}\eta_c$	16735	1	24104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16737	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	2442	1	24105
16738	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{n}pD_1'^-$	16737	1	24106
16739	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0}$	2443	1	24107
16740	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	16739	1	24108
16741	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\omega K^*D^+\bar{D}^{*-}$	16740	1	24109
16742	$e^+e^- \to \pi^-K^+K^+D^0D_s^{*-}p\bar{\Delta}^+$	16741	1	24110
16743	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^-D^{*+}D_s^{*+}$	16742	1	24111
16744	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^{*-}\phi D^+D^-$	16743	1	24112
16745	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D_2^{*-}\bar{D}^{*0}$	2444	1	24113
16746	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\bar{K}^0D^+D^-\bar{D}^{*-}$	16745	1	24114
16747	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}$	551	1	24115
16748	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-$	16747	1	24116
16749	$e^+e^- \to \pi^0\rho^0\pi^+K^-\bar{D}^{*-}D_s^+$	16748	1	24117
16750	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0D_s^+$	16749	1	24118
16751	$e^+e^- \to \rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}^0$	16750	1	24119
16752	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}$	16751	1	24120
16753	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	16752	1	24121
16754	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+K^+D^-D_s^{*-}$	16753	1	24122
16755	$e^+e^- \to \tau^+\nu_\tau\rho^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	16754	1	24123
16756	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^+\bar{D}^{*-}a_1^+$	16755	1	24124
16757	$e^+e^- \to K^{*-}D^+D_s^{*+}D_1^-$	16756	1	24125
16758	$e^+e^- \to \pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+$	16757	1	24126
16759	$e^+e^- \to \pi^0\pi^-\rho^-K^+K^+K^-D^+D^0\bar{D}^0$	16758	1	24127
16760	$e^+e^- \to \rho^+D^{*+}n\bar{\Sigma}_c^-D_{s1}'^-$	142	1	24128
16761	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*0}D_s^{*+}$	16760	1	24129
16762	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0\bar{K}^0D^+D^-$	16761	1	24130
16763	$e^+e^- \to \mu^+\nu_\mu\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}$	16762	1	24131
16764	$e^+e^- \to e^+\nu_e\pi^+\eta\omega K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	16763	1	24132
16765	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega K^+K^-D^+D^-\bar{D}^{*-}$	16764	1	24133
16766	$e^+e^- \to K^*K^-\phi D^{*+}D_s^{*+}D_1'^-$	16765	1	24134
16767	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^-D^{*0}D^{*0}$	16766	1	24135
16768	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta D^-D^{*0}p\bar{\Delta}^+$	16767	1	24136

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16769	$e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0K^+K^-D^+D^-$	16768	1	24137
16770	$e^+e^- \to \pi^+\pi^+\eta K^{*-}\bar{D}^{*-}\eta_c$	16769	1	24138
16771	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^0$	16770	1	24139
16772	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^*D^-D^{*+}D^{*+}$	16771	1	24140
16773	$e^+e^- \to \rho^-\eta K^0D^+D^+\bar{D}^0D_s^-$	16772	1	24141
16774	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\rho^+\rho^-\omega D^-D^{*+}$	16773	1	24142
16775	$e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^+D_s^-$	16774	1	24143
16776	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^-K^{*+}\bar{D}^0D^{*0}$	16775	1	24144
16777	$e^+e^- \to \mu^+\nu_\mu K_SD_2^{*-}\chi_{c1}$	16776	1	24145
16778	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\omega\eta'D^+\bar{D}^{*0}$	16777	1	24146
16779	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^{*-}D^-D^{*+}D^{*+}$	16778	1	24147
16780	$e^+e^- \to \pi^+\rho^-\omega K^0K^{*-}D^+\bar{D}^{*-}a_1^+$	16779	1	24148
16781	$e^+e^- \to \mu^+\nu_\mu K^0\bar{K}^0\bar{K}^*D^-J/\psi$	16780	1	24149
16782	$e^+e^- \to \pi^0\omega\bar{K}^0D^-J/\psi\bar{\Sigma}^+\Lambda$	16781	1	24150
16783	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^0\bar{D}^{*0}$	2447	1	24151
16784	$e^+e^- \to \pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}D_s^{*+}D_1^-$	16783	1	24152
16785	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-\bar{\Delta}^+\Lambda_c^+$	16784	1	24153
16786	$e^+e^- \to \rho^-\omega\omega D^-D^{*+}D_s^{*+}$	16785	1	24154
16787	$e^+e^- \to \rho^0\pi^+\pi^-K^+D^+\bar{D}^{*-}D^{*0}n\bar{p}$	16786	1	24155
16788	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}$	2448	1	24156
16789	$e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^{*-}$	16788	1	24157
16790	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-K^0K^+K^+K^-K^{*-}D^+D_s^-$	16789	1	24158
16791	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\bar{K}^0K^{*+}\eta'D^-D^0$	16790	1	24159
16792	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^*D^{*0}D_s^-$	16791	1	24160
16793	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	16792	1	24161
16794	$e^+e^- \to \bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-}D^{*0}$	16793	1	24162
16795	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega K^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	16794	1	24163
16796	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^{*+}\chi_{c1}$	16795	1	24164
16797	$e^+e^- \to \pi^-D^+\bar{D}^{*0}D_s^+\Delta^0\bar{\Delta}^+$	2449	1	24165
16798	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega D^+D^-$	16797	1	24166
16799	$e^+e^- \to \mu^+\nu_\mu\pi^0K^{*+}D^-\bar{D}^{*-}D^0$	16798	1	24167
16800	$e^+e^- \to \pi^0\pi^+K_SK^{*-}\eta_c\eta_c$	16799	1	24168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16801	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-K^0\bar{K}^0K^-\bar{D}^{*-}D^0\bar{D}^0$	16800	1	24169
16802	$e^+e^- \to \rho^+\rho^+\omega K^*\bar{D}^{*-}a_1^-\gamma$	16801	1	24170
16803	$e^+e^- \to \pi^+\pi^+\rho^+K^*K^-K^-K^{*+}K^{*-}\bar{D}^{*-}$	16802	1	24171
16804	$e^+e^- \to \rho^0\pi^-\eta\bar{K}^0K^-D^{*+}\bar{D}^0D_s^+$	16803	1	24172
16805	$e^+e^- \to \pi^0\pi^-\omega\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	16804	1	24173
16806	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-}n\bar{p}$	16805	1	24174
16807	$e^+e^- \to \bar{K}^0K^-D^-D^{*+}D^{*+}\bar{D}^0$	2450	1	24175
16808	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	16807	1	24176
16809	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^+K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	16808	1	24177
16810	$e^+e^- \to \pi^0\pi^+K^-D^-D_{s1}'^+\psi'$	2451	1	24178
16811	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\omega K^{*+}D^{*+}$	16810	1	24179
16812	$e^+e^- \to \pi^0D^-\bar{p}\bar{\Lambda}\Lambda_c^+\Xi_c'^+$	16811	1	24180
16813	$e^+e^- \to \pi^+K^0D^+D^-D^0D_s^{*-}$	16812	1	24181
16814	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-D^+D^-$	16813	1	24182
16815	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}$	16814	1	24183
16816	$e^+e^- \to \pi^0\rho^+\omega K^0\bar{K}^0K^-D^+\bar{D}^{*-}$	16815	1	24184
16817	$e^+e^- \to \rho^-\eta K^*D^{*+}D^{*+}\bar{D}^{*-}$	16816	1	24185
16818	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^0$	16817	1	24186
16819	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_2^{*-}D_s^{*+}$	16818	1	24187
16820	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	16819	1	24188
16821	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{K}_1^0\psi'$	16820	1	24189
16822	$e^+e^- \to \rho^0\pi^-K^0D^+J/\psi\bar{\Lambda}\Sigma^0$	16821	1	24190
16823	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\omega D^-\bar{D}^{*-}$	16822	1	24191
16824	$e^+e^- \to \rho^-D^{*+}D^{*+}a_1^-$	16823	1	24192
16825	$e^+e^- \to \pi^0\rho^0\pi^-K^0D^+D^{*+}\bar{D}^{*-}\gamma$	16824	1	24193
16826	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^+\bar{D}^0D_s^+$	2452	1	24194
16827	$e^+e^- \to \pi^0\rho^+K^-D^-J/\psi D_{s1}'^+$	16826	1	24195
16828	$e^+e^- \to e^+\nu_eX_u^-K^{*-}D^{*+}\bar{D}^{*0}$	16827	1	24196
16829	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+K^-\bar{D}^{*-}$	16828	1	24197
16830	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-K^-K^{*+}\bar{D}^{*-}D_1'^+$	16829	1	24198
16831	$e^+e^- \to \pi^0K^0\bar{K}^0\bar{K}^*K^+K^-D^{*0}n\bar{\Xi}_c'^0$	16830	1	24199
16832	$e^+e^- \to \pi^0\pi^0K^0K^{*-}D^+\bar{D}^0D_s^+D_s^-$	16831	1	24200

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16833	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^- D^{*+}\bar{D}^{*0}$	16832	1	24201
16834	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\pi^- K^+\chi_{c2}$	16833	1	24202
16835	$e^+e^- \to \pi^+\pi^-\rho^+ K^0 D^+ D^- D_{s1}'^-$	16834	1	24203
16836	$e^+e^- \to \pi^0\pi^+\omega\omega K^- D^+\bar{D}^{*-}\bar{D}^{*0}$	16835	1	24204
16837	$e^+e^- \to \pi^- K^+ D^- D^0\bar{\Delta}^+\Sigma_c^{*++}$	16836	1	24205
16838	$e^+e^- \to \pi^0\bar{K}^* K^+\bar{D}^{*-} D^{*0}\eta_c$	16837	1	24206
16839	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+ D^- n\bar{n}$	16838	1	24207
16840	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\omega D^+ D^-$	16839	1	24208
16841	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^* D^+\bar{D}^{*-}$	16840	1	24209
16842	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{D}^{*-}$	16841	1	24210
16843	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*0}\bar{n}\Delta^0$	16842	1	24211
16844	$e^+e^- \to e^+\nu_e\pi^+\pi^- D^-\bar{D}^{*-} D_s^{*+}$	16843	1	24212
16845	$e^+e^- \to \pi^0\pi^0\pi^-\pi^- D^{*+} D^{*+}\bar{D}^0$	16844	1	24213
16846	$e^+e^- \to \rho^0\rho^- D^+ D_2^{*-} D_s^{*+}$	16845	1	24214
16847	$e^+e^- \to \pi^0\rho^+ K^0\bar{K}^0 K^- D^- D^{*+}\eta_c$	16846	1	24215
16848	$e^+e^- \to e^-\bar{\nu}_e\omega\Delta^0\bar{\Sigma}_c^{*0} D_1'^+$	16847	1	24216
16849	$e^+e^- \to e^-\bar{\nu}_e K^0\phi D^{*+} J/\psi$	16848	1	24217
16850	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^0\bar{K}^0 D^+ D^{*0}\gamma$	16849	1	24218
16851	$e^+e^- \to \pi^-\pi^-\rho^+ D^- D^{*+} D_s^+$	16850	1	24219
16852	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-} D_0^{*+}$	16851	1	24220
16853	$e^+e^- \to e^+\nu_e\eta K^{*-} D^+ D^-\bar{D}^0$	16852	1	24221
16854	$e^+e^- \to \pi^0\rho^0\pi^+ K^0\bar{K}^0 D^- D^{*+} D_s^{*-}$	16853	1	24222
16855	$e^+e^- \to \rho^0\pi^-\pi^-\eta\omega D^{*+} D^{*+}$	16854	1	24223
16856	$e^+e^- \to K^* D^+ D^- D^{*+} a_1^-\gamma$	16855	1	24224
16857	$e^+e^- \to \pi^0\rho^0\pi^- K^0 D^{*+} D^0\bar{D}^{*0}$	16856	1	24225
16858	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^- D^- D_{s1}'^+$	16857	1	24226
16859	$e^+e^- \to \pi^-\pi^-\rho^+ D^+ D^{*+} a_1^-$	16858	1	24227
16860	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^* D^{*+}\Delta^-\bar{\Sigma}_c^{*0}$	16859	1	24228
16861	$e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\omega K^0\bar{K}^0 D^{*+}\bar{D}^0$	16860	1	24229
16862	$e^+e^- \to \pi^-\bar{K}^0 K^+ D^+ D^- D^0$	16861	1	24230
16863	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+ D^{*+} D^0$	16862	1	24231
16864	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^+\bar{D}^{*-} n\bar{p}$	16863	1	24232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16865	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\omega D^+D_1^-$	16864	1	24233
16866	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\omega K^-K^{*+}D^+D^-$	16865	1	24234
16867	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_s^+D_0^{*+}$	16866	1	24235
16868	$e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}\bar{n}\Sigma_c^0$	16867	1	24236
16869	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D_2^{*+}\bar{D}^0D_s^{*+}$	16868	1	24237
16870	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\omega D^-D^{*+}$	16869	1	24238
16871	$e^+e^- \to \bar{K}^0K^*K^{*+}\phi D^+D^-D_s^{*-}$	16870	1	24239
16872	$e^+e^- \to \tau^-\bar{\nu}_\tau\omega D^0\bar{D}^{*0}D_1'^+$	16871	1	24240
16873	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0\bar{K}^0D^+D^{*+}$	16872	1	24241
16874	$e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^-D^{*+}$	16873	1	24242
16875	$e^+e^- \to \rho^0\rho^0\pi^-\rho^-D^+D^{*+}$	16874	1	24243
16876	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega D^+D^-$	16875	1	24244
16877	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^-D^{*0}$	16876	1	24245
16878	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{D}^{*-}\bar{D}^{*-}D_{s0}^{*+}$	16877	1	24246
16879	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*\bar{D}^{*-}\bar{D}^{*0}$	16878	1	24247
16880	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0}$	16879	1	24248
16881	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\omega\omega D^-D^{*+}$	16880	1	24249
16882	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+K^+K^-D^{*+}\bar{D}^{*-}$	16881	1	24250
16883	$e^+e^- \to \pi^0\rho^0\rho^-\eta\bar{K}^0D^+\chi_{c0}$	16882	1	24251
16884	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^{*+}\bar{D}^0$	16883	1	24252
16885	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^*K^+D^-D^{*+}$	553	1	24253
16886	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	554	1	24254
16887	$e^+e^- \to K^0\bar{K}^0D^-D^{*+}\psi'$	16886	1	24255
16888	$e^+e^- \to \pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}a_1^-$	16887	1	24256
16889	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega K^+K^-D^+\bar{D}^{*-}$	16888	1	24257
16890	$e^+e^- \to K^0\bar{K}^0K^+D^-D^-D^{*+}$	16889	1	24258
16891	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-D^+\Delta^0\bar{\Sigma}_c^0$	16890	1	24259
16892	$e^+e^- \to \pi^0\pi^-\eta\omega D^{*+}D^{*+}D_s^{*-}$	2455	1	24260
16893	$e^+e^- \to \pi^0\pi^0\pi^0\eta\eta\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	16892	1	24261
16894	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^+D^-D_s^+D_s^-$	16893	1	24262
16895	$e^+e^- \to K^0\bar{K}^0D^+\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	16894	1	24263
16896	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-D^{*0}D_1^-$	16895	1	24264

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16897	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	16896	1	24265
16898	$e^+e^- \to \pi^-\rho^-K^*K^+D^{*+}\bar{D}^0\eta_c$	2456	1	24266
16899	$e^+e^- \to \pi^-K^0D^+D^{*+}\bar{D}^0D_s^{*-}$	16898	1	24267
16900	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^-D_1'^+$	16899	1	24268
16901	$e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0K^*\bar{K}^*D^-\chi_{c2}$	16900	1	24269
16902	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^{*+}D^0\bar{D}^0$	16901	1	24270
16903	$e^+e^- \to \bar{K}^*K^-D^+D^-D_{s0}^{*+}$	16902	1	24271
16904	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	16903	1	24272
16905	$e^+e^- \to \rho^0\pi^+\pi^+K^{*-}D^+D^-\bar{D}^{*-}$	16904	1	24273
16906	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-}$	16905	1	24274
16907	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}n\bar{n}$	2457	1	24275
16908	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^-D^{*+}D_{s0}^{*-}$	16907	1	24276
16909	$e^+e^- \to \mu^+\nu_\mu\pi^0D^+D^-D_s^-$	16908	1	24277
16910	$e^+e^- \to \pi^0K^0\bar{K}^*K^-D^{*+}D^{*0}\bar{D}^{*0}$	16909	1	24278
16911	$e^+e^- \to \pi^+K^{*-}D^0\bar{D}^0\bar{D}^{*0}\bar{p}\Delta^+$	16910	1	24279
16912	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0D^-D^{*+}\bar{D}^{*-}$	16911	1	24280
16913	$e^+e^- \to \rho^-\eta\omega D^+\bar{D}^{*0}$	16912	1	24281
16914	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^+K^+K^-D^+\bar{p}\Omega_c^0$	16913	1	24282
16915	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+K^*D^-D^0$	16914	1	24283
16916	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{K}^0K^*D^-D^-D^{*+}$	16915	1	24284
16917	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^{*+}\bar{D}^{*-}D^0$	16916	1	24285
16918	$e^+e^- \to e^+\nu_e\rho^0\bar{n}\Sigma_c^0D_1'^-$	16917	1	24286
16919	$e^+e^- \to K^0K^{*-}D^{*+}\bar{D}^0D_s^+D_s^-$	16918	1	24287
16920	$e^+e^- \to \pi^0\pi^+K^*K^-\phi D^+\Delta^+\bar{\Sigma}_c^{*--}$	16919	1	24288
16921	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+D^-\bar{D}^{*-}$	16920	1	24289
16922	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^*K^+K^{*-}D^{*0}D_1^+$	16921	1	24290
16923	$e^+e^- \to K^*D^+\bar{D}^{*-}D_s^{*-}\bar{n}p$	16922	1	24291
16924	$e^+e^- \to \rho^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-}$	16923	1	24292
16925	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+K^+K^-\bar{D}^{*-}\bar{D}^{*-}$	16924	1	24293
16926	$e^+e^- \to \pi^+K^0\bar{K}^0K^*D^-D^{*+}\bar{D}^{*-}$	16925	1	24294
16927	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-\Delta^0\bar{\Sigma}_c^0$	16926	1	24295
16928	$e^+e^- \to \pi^-\bar{D}^0D^{*0}D_s^+\bar{\Delta}^0\Sigma^0$	16927	1	24296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16929	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}$	16928	1	24297
16930	$e^+e^- \to \rho^0 K^* D^+ D^{*0}\bar{D}^{*0}D_s^{*-}$	16929	1	24298
16931	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^0\bar{K}^* K^+ K^{*-}D^+D^-$	16930	1	24299
16932	$e^+e^- \to \pi^0\bar{K}^* K^{*+}D^-D^0\bar{D}^0D^{*0}$	16931	1	24300
16933	$e^+e^- \to \bar{K}^0 K^+\bar{D}^{*-}D_2^{*-}D_s^+$	16932	1	24301
16934	$e^+e^- \to \rho^+\eta\bar{K}^* D^-D^{*+}\bar{D}^{*-}$	16933	1	24302
16935	$e^+e^- \to \pi^0 K_S K^* D^+D^- J/\psi$	16934	1	24303
16936	$e^+e^- \to \rho^+\rho^- K^0\bar{K}^0 D^{*+}\Delta^0\bar{\Lambda}_c^-$	16935	1	24304
16937	$e^+e^- \to e^+\nu_e\pi^0\pi^- K^0\bar{K}^* D^+\bar{D}^{*-}$	16936	1	24305
16938	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^-\bar{\Delta}^0 p D_0^{*+}$	16937	1	24306
16939	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-}D_s^{*-}$	16938	1	24307
16940	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^- D^{*+}D_2^{*-}$	16939	1	24308
16941	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\bar{D}^{*-}\bar{D}^0 D_s^{*+}\gamma$	16940	1	24309
16942	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^+D^-\bar{n}p\gamma$	16941	1	24310
16943	$e^+e^- \to \pi^0\pi^+\omega K^{*+}K^{*-}D^-D^-\bar{n}p$	16942	1	24311
16944	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\eta\eta' D^+\bar{D}^0$	16943	1	24312
16945	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ K^+D^-\bar{D}^{*-}D^{*0}$	16944	1	24313
16946	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_2^{*-}\Sigma^0\bar{\Sigma}^-$	16945	1	24314
16947	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}\bar{n}p$	16946	1	24315
16948	$e^+e^- \to \rho^0\pi^+\omega\eta' D^-D^{*+}D_s^{*-}\gamma$	16947	1	24316
16949	$e^+e^- \to \pi^0\pi^+ D_2^{*-}D^0 D_s^+ D_s^-$	16948	1	24317
16950	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+ K^-D^+D^-D^-$	16949	1	24318
16951	$e^+e^- \to \pi^-\omega\bar{K}^0 K^* K^- D^+D^{*+}$	16950	1	24319
16952	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+\bar{D}^{*-}\bar{n}p$	16951	1	24320
16953	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	16952	1	24321
16954	$e^+e^- \to \pi^+\pi^-\eta D^{*+}n\bar{p}\Delta^+\bar{\Sigma}_c^{*-}$	16953	1	24322
16955	$e^+e^- \to \mu^+\nu_\mu D^-D^- a_1^+$	16954	1	24323
16956	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^+K^{*-}\bar{D}^{*0}\bar{n}\Lambda_c^+$	16955	1	24324
16957	$e^+e^- \to \pi^+\pi^-\pi^-\eta' D^+D^+D_s^{*-}$	16956	1	24325
16958	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\eta\bar{D}^{*-}\bar{p}\Sigma_c^0$	16957	1	24326
16959	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau\eta D^{*+}D_1^+$	16958	1	24327
16960	$e^+e^- \to e^+\nu_e\pi^0 K^* D^{*+}\bar{D}^{*-}D_0^{*-}$	2458	1	24328

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16961	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^*\bar{n}pD_0^{*+}$	16960	1	24329
16962	$e^+e^- \to \pi^+\pi^-\bar{\Delta}^0\Delta^+\Sigma_c^{*+}\bar{\Sigma}_c^{--}$	16961	1	24330
16963	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega D^0D^{*0}$	16962	1	24331
16964	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0D^-D^-D^{*+}$	16963	1	24332
16965	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^{*+}\bar{D}^{*-}D_1^-$	16964	1	24333
16966	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\omega\omega\bar{K}^0D^-D^-$	16965	1	24334
16967	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^+K^-D^{*+}D^0\bar{D}^{*0}$	16966	1	24335
16968	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^{*+}D_s^+D_s^{*-}n\bar{n}$	16967	1	24336
16969	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\omega K^+D^+D^-D^0$	16968	1	24337
16970	$e^+e^- \to \pi^-K^*D^+D^{*+}\bar{D}^0D_{s1}'^-$	16969	1	24338
16971	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^-D^{*+}\bar{D}^0\Delta^-\bar{n}p\bar{\Sigma}^{*+}$	16970	1	24339
16972	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	16971	1	24340
16973	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	16972	1	24341
16974	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+D^-D^{*0}$	16973	1	24342
16975	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^{*+}K^{*-}D^-D^{*+}D^0$	16974	1	24343
16976	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^-D_1'^+$	16975	1	24344
16977	$e^+e^- \to \rho^-D^+D^+D_s^{*-}$	16976	1	24345
16978	$e^+e^- \to \pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-}D^{*0}$	16977	1	24346
16979	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\bar{K}^0K^{*+}K^{*-}\bar{D}^0J/\psi$	16978	1	24347
16980	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}D^{*+}n\bar{p}$	16979	1	24348
16981	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^-\bar{n}\Delta^+$	16980	1	24349
16982	$e^+e^- \to e^+\nu_e\pi^+D^-D^0D_s^-$	555	1	24350
16983	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^-\omega D^{*+}D^{*+}$	16982	1	24351
16984	$e^+e^- \to e^-\bar{\nu}_eK^*D^+\eta_c$	16983	1	24352
16985	$e^+e^- \to \bar{K}^*K^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}\bar{\Delta}^0\Sigma^{*0}$	16984	1	24353
16986	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-\rho^-\bar{K}^0K^+D^-D^{*+}$	16985	1	24354
16987	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-}p\bar{p}$	16986	1	24355
16988	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega K^{*+}K^{*-}D^+D^+$	16987	1	24356
16989	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}a_1^-$	16988	1	24357
16990	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}$	2460	1	24358
16991	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^*D^0J/\psi$	16990	1	24359
16992	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}D_s^+$	16991	1	24360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
16993	$e^+e^- \to \rho^+\rho^-\eta D^+\bar{D}^{*-}\gamma$	16992	1	24361
16994	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^0$	16993	1	24362
16995	$e^+e^- \to \pi^0 K^* D^- D^{*+}\Delta^0\bar{\Sigma}_c^0$	16994	1	24363
16996	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	16995	1	24364
16997	$e^+e^- \to \pi^+\pi^-\pi^- K^+ D^- D^- D^{*+} D_s^+$	16996	1	24365
16998	$e^+e^- \to K^0\bar{K}^0 D^- D^{*+} D_s^+ D_s^-$	16997	1	24366
16999	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega K^0 D^- D^{*+}$	16998	1	24367
17000	$e^+e^- \to \rho^0\pi^+\eta D^+ D^- D_{s1}^-$	16999	1	24368
17001	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^{*-}$	17000	1	24369
17002	$e^+e^- \to \bar{K}^* D^+ D^- X_{sd}\gamma$	17001	1	24370
17003	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+\bar{D}^{*0}$	17002	1	24371
17004	$e^+e^- \to K^- D^- D^{*+}\bar{D}^{*0} D_{s1}'^+$	17003	1	24372
17005	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0 D^{*+}\eta_c$	17004	1	24373
17006	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+}$	17005	1	24374
17007	$e^+e^- \to \pi^- K^0\bar{K}^* K^+ D_2^{*+} D_s^{*-}$	2461	1	24375
17008	$e^+e^- \to D^{*+}\bar{D}^0\Delta^0\bar{\Lambda} D_{s1}'^-$	2462	1	24376
17009	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^- D^+ D^-\bar{n}p$	17008	1	24377
17010	$e^+e^- \to \pi^0\pi^0\pi^-\omega\eta' D^+ D^- D^{*+}$	17009	1	24378
17011	$e^+e^- \to \pi^+\pi^+\pi^-\omega\eta' D^+ D^- D_s^-$	17010	1	24379
17012	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0 D^+ D^-\bar{D}^{*0}$	17011	1	24380
17013	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}\bar{p}\Lambda_c^+$	17012	1	24381
17014	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^- D^+\bar{D}^{*-}\bar{D}^{*0}$	2463	1	24382
17015	$e^+e^- \to \pi^0\omega K^0 D^+\bar{D}^0\Delta^0\bar{\Delta}^+$	17014	1	24383
17016	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- K^- K^{*+} D^+\bar{D}^{*-}$	17015	1	24384
17017	$e^+e^- \to \pi^0\omega\bar{D}^{*-} D_s^+\bar{n}\Sigma_c^{*0}$	17016	1	24385
17018	$e^+e^- \to \pi^0\bar{K}^* D^{*+} D^{*+}\bar{D}^{*-} D_{s1}'^-$	17017	1	24386
17019	$e^+e^- \to \bar{K}^0\bar{K}^* K^+\bar{D}^{*-}\chi_{c2}$	17018	1	24387
17020	$e^+e^- \to \pi^0\rho^0\rho^+\eta\omega\bar{K}^0 D^+ D^- D^-$	17019	1	24388
17021	$e^+e^- \to \rho^0\pi^+\pi^+\pi^- D^+ D^- D_{s1}'^-$	17020	1	24389
17022	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-} D^{*0}$	17021	1	24390
17023	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^- D^{*+}$	17022	1	24391
17024	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-\eta\bar{K}^*\bar{D}^{*-}\bar{D}^0 D^{*0}$	556	1	24392

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17025	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta D^- D^{*0}\Lambda\bar{\Sigma}^0$	17024	1	24393
17026	$e^+e^- \to \rho^0\bar{K}^0K^{*+}\eta'\phi D^- D^{*0}$	17025	1	24394
17027	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\gamma$	17026	1	24395
17028	$e^+e^- \to \pi^0\pi^0\rho^+\eta\omega K^0\bar{K}^0\bar{K}^0D^- D^- D^{*+}$	17027	1	24396
17029	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^0K^*D^+D^{*+}D_s^-$	17028	1	24397
17030	$e^+e^- \to D^+\bar{D}^0\Delta^-\bar{n}\Delta^0\bar{\Delta}^0$	2465	1	24398
17031	$e^+e^- \to \pi^+\pi^+\rho^-\omega\bar{K}^*\bar{D}^{*-}\eta_c$	17030	1	24399
17032	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+D^+D^-$	17031	1	24400
17033	$e^+e^- \to D^{*+}\bar{D}^{*-}D_{s0}^{*+}D_{s0}^{*-}\gamma\gamma$	17032	1	24401
17034	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}D^0D_s^-$	17033	1	24402
17035	$e^+e^- \to \rho^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+D_1'^+$	17034	1	24403
17036	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+D^-\bar{D}^0p\bar{p}$	17035	1	24404
17037	$e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0p\bar{\Delta}^{++}$	17036	1	24405
17038	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta'D^{*+}\bar{D}^{*-}$	17037	1	24406
17039	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+}$	17038	1	24407
17040	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}D^-D^{*+}\bar{D}^{*0}$	2466	1	24408
17041	$e^+e^- \to \pi^-K^{*+}D^+D_s^{*-}\eta_c\gamma$	17040	1	24409
17042	$e^+e^- \to \rho^0\rho^-\omega D^+D_s^{*-}D_1^+$	17041	1	24410
17043	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^-D^{*+}\bar{D}^{*-}$	17042	1	24411
17044	$e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*-}a_1^+\gamma$	17043	1	24412
17045	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^*\bar{D}^{*-}$	17044	1	24413
17046	$e^+e^- \to e^+\nu_eD^-D_s^{*-}\Delta^0\bar{\Sigma}^+$	17045	1	24414
17047	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^*D^{*0}J/\psi$	17046	1	24415
17048	$e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}\eta_c$	17047	1	24416
17049	$e^+e^- \to \pi^+K^-D^{*+}D^0\bar{D}^{*0}D_s^-$	17048	1	24417
17050	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^-$	17049	1	24418
17051	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-D_s^{*-}$	17050	1	24419
17052	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta\bar{D}^{*0}$	2467	1	24420
17053	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta\bar{K}^0K^-\bar{D}^{*-}D_s^+$	17052	1	24421
17054	$e^+e^- \to \pi^+\rho^+\rho^-\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	17053	1	24422
17055	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}D_s^{*-}$	17054	1	24423
17056	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	17055	1	24424

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17057	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+D_1^-$	17056	1	24425
17058	$e^+e^- \to \pi^0\pi^-\rho^-\eta\omega\bar{K}^0\bar{K}^*K^+K^+D^+\bar{D}^{*-}$	17057	1	24426
17059	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^-D^{*+}n\bar{n}$	17058	1	24427
17060	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^-n\bar{n}D_1^+$	17059	1	24428
17061	$e^+e^- \to \rho^0\rho^0\pi^-\rho^-\omega\omega\eta' D^+D^{*+}$	17060	1	24429
17062	$e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^{*+}D_2^{*+}$	17061	1	24430
17063	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\eta K^0D^+D^-$	17062	1	24431
17064	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	17063	1	24432
17065	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}D_s^{*-}$	17064	1	24433
17066	$e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*0}p\bar{p}$	17065	1	24434
17067	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\omega K^+K^{*-}D^+D^-$	17066	1	24435
17068	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega\Delta^0\bar{\Sigma}_c^-$	17067	1	24436
17069	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	17068	1	24437
17070	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}p\bar{\Lambda}_c^-$	17069	1	24438
17071	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D^{*+}\bar{p}\Delta^{++}$	17070	1	24439
17072	$e^+e^- \to \pi^+\pi^+\bar{K}^0K^*K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	17071	1	24440
17073	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_{s1}'^+$	17072	1	24441
17074	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-D^{*+}\Delta^-\bar{n}$	2468	1	24442
17075	$e^+e^- \to \pi^0\pi^0\pi^-K^*D^+\Sigma^{*0}\bar{\Xi}_c'^0$	17074	1	24443
17076	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^*K^-\bar{D}^{*-}D^0$	17075	1	24444
17077	$e^+e^- \to \rho^+D_2^{*+}D_2^{*-}D_s^-$	17076	1	24445
17078	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-D^+D^-$	2469	1	24446
17079	$e^+e^- \to \pi^+\pi^-K^{*+}D^+D^-D^0D_s^{*-}$	2470	1	24447
17080	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	17079	1	24448
17081	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+D^{*0}D_1^-$	17080	1	24449
17082	$e^+e^- \to \pi^0\eta\omega K^-D^+\bar{D}^0D^{*0}$	17081	1	24450
17083	$e^+e^- \to \pi^0\pi^0\pi^+K^-D^0\psi'$	17082	1	24451
17084	$e^+e^- \to \rho^0\pi^-\rho^+K^+K^{*-}D^+D^-$	17083	1	24452
17085	$e^+e^- \to e^+\nu_eK^-D^+D_2^{*-}\bar{D}^{*0}$	17084	1	24453
17086	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}n\bar{p}$	17085	1	24454
17087	$e^+e^- \to \pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{n}\Delta^{++}\gamma$	17086	1	24455
17088	$e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	2471	1	24456

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17089	$e^+e^- \to \bar{K}^* K^+ K^- D^{*+} \bar{D}^{*-} \bar{D}^{*0}$	17088	1	24457
17090	$e^+e^- \to \tau^- \bar{\nu}_\tau K^* D^+ D^- D_2^{*+}$	17089	1	24458
17091	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^+ \pi^- \pi^- \pi^- \omega D^+ D^{*+}$	17090	1	24459
17092	$e^+e^- \to e^- \bar{\nu}_e \pi^- \bar{D}^0 D_s^+ D_1^+$	17091	1	24460
17093	$e^+e^- \to \pi^0 \eta \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^0$	2472	1	24461
17094	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \rho^+ \eta \eta D^- D^{*+}$	17093	1	24462
17095	$e^+e^- \to \rho^0 \pi^+ \eta \bar{K}^0 \bar{K}^* D^- \bar{D}^{*-} D_s^+$	17094	1	24463
17096	$e^+e^- \to \rho^+ \rho^- K^{*+} K^{*-} D^{*+} \bar{D}^{*-}$	17095	1	24464
17097	$e^+e^- \to e^- \bar{\nu}_e \tau^+ \nu_\tau D_1^+ D_1'^-$	17096	1	24465
17098	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- \eta K^+ D^{*+} \bar{D}^0$	2473	1	24466
17099	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- K^* D^{*+} \bar{D}^{*-} D^0$	17098	1	24467
17100	$e^+e^- \to \rho^0 \rho^0 \pi^- \rho^+ K^0 K^* D^{*+} D_s^{*-}$	17099	1	24468
17101	$e^+e^- \to e^- \bar{\nu}_e \rho^0 \rho^- D^+ D^{*+} \gamma$	17100	1	24469
17102	$e^+e^- \to \mu^- \bar{\nu}_\mu D^+ D_s^{*-} D_1'^+$	17101	1	24470
17103	$e^+e^- \to \bar{D}^{*-} D_s^+ \bar{K}_1^0 \psi(3770)$	17102	1	24471
17104	$e^+e^- \to \pi^0 \pi^0 \pi^- \eta \bar{K}^0 \eta' \bar{D}^{*-} \bar{n} p \Lambda \bar{\Xi}^+$	17103	1	24472
17105	$e^+e^- \to \pi^0 \pi^+ \pi^- K^0 \bar{K}^* D^+ D^- D^{*0} \bar{D}^{*0}$	17104	1	24473
17106	$e^+e^- \to \tau^+ \nu_\tau K^{*+} \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	17105	1	24474
17107	$e^+e^- \to \pi^0 \rho^0 \rho^0 D^{*+} \bar{D}^0 D_s^{*-}$	17106	1	24475
17108	$e^+e^- \to \pi^+ \pi^- \rho^+ \rho^- \eta K^0 \bar{K}^0 D^+ D^-$	17107	1	24476
17109	$e^+e^- \to \pi^0 \bar{K}^* K^+ D_s^- a_1^0$	17108	1	24477
17110	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^- \eta K^+ K^- D^{*+} \bar{D}^{*-}$	17109	1	24478
17111	$e^+e^- \to \rho^+ K^- D^+ D^- \bar{D}^{*-} \bar{\Sigma}^0 \Sigma^+$	17110	1	24479
17112	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^- \pi^- K^+ D^+ \bar{D}^0 D_0^{*-}$	17111	1	24480
17113	$e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^- \rho^- \eta \bar{K}^0 K^+ D^{*+} \bar{D}^0$	17112	1	24481
17114	$e^+e^- \to e^+ \nu_e X_u^- D^{*+} D_{s1}'^-$	17113	1	24482
17115	$e^+e^- \to \rho^- K^0 D^+ D^+ \bar{D}^{*-}$	17114	1	24483
17116	$e^+e^- \to e^+ \nu_e \pi^- D^{*+} \bar{p} \Delta^+ D_1'^-$	2474	1	24484
17117	$e^+e^- \to \pi^0 \rho^0 \pi^- \pi^- \eta \omega K^0 D^+ D^{*+} \bar{D}^0$	17116	1	24485
17118	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- D^+ \bar{D}^{*-}$	2475	1	24486
17119	$e^+e^- \to \pi^- \rho^+ \eta D^{*+} \bar{D}^0 D_s^-$	17118	1	24487
17120	$e^+e^- \to \pi^0 \rho^+ K^0 \bar{K}^0 \bar{K}^* K^+ K^- D^+ D^- \bar{D}^{*-}$	17119	1	24488

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17121	$e^+e^- \to e^+\nu_e X_u^- \bar{K}^0\psi'$	17120	1	24489
17122	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}\bar{n}\Sigma_c^{*0}$	17121	1	24490
17123	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^+K^-D^+D^-D^-$	17122	1	24491
17124	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^+p\bar{\Lambda}$	17123	1	24492
17125	$e^+e^- \to \rho^+\eta\eta K^{*-}D^-D^{*+}\bar{D}^{*0}$	17124	1	24493
17126	$e^+e^- \to \pi^0\pi^+K^0D^0D_s^+D_s^-D_s^-$	17125	1	24494
17127	$e^+e^- \to \pi^0\pi^-\rho^-K^0\bar{K}^0\bar{K}^0\bar{K}^0K^+D^+D^{*+}D_s^-$	17126	1	24495
17128	$e^+e^- \to \pi^+D^{*+}\Delta^0\bar{\Sigma}_c^{*-}a_1^-$	17127	1	24496
17129	$e^+e^- \to \pi^0\pi^+\eta'\bar{D}^{*-}D_s^-\Delta^+\bar{\Lambda}$	17128	1	24497
17130	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\rho^+\rho^+K^+K^-D^-D^{*+}$	2476	1	24498
17131	$e^+e^- \to \pi^0\pi^+\eta\eta D^{*+}\bar{D}^{*-}D_s^{*-}$	17130	1	24499
17132	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}\Delta^0\bar{\Sigma}_c^0$	17131	1	24500
17133	$e^+e^- \to \pi^-\rho^-\bar{K}^0K^{*+}D^{*+}D_s^{*+}D_1^-$	17132	1	24501
17134	$e^+e^- \to e^+\nu_e X_u^-\pi^-\eta K^0\bar{K}^*D^+$	17133	1	24502
17135	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0}p\bar{p}$	2477	1	24503
17136	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	17135	1	24504
17137	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-K^{*-}D^+D^-\bar{D}^0$	2478	1	24505
17138	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^-D^{*+}a_1^-$	17137	1	24506
17139	$e^+e^- \to \rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	17138	1	24507
17140	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0$	17139	1	24508
17141	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^+D_2^{*-}D_s^{*+}$	17140	1	24509
17142	$e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0\bar{K}^*K^+\phi D^-D^{*+}\bar{D}^{*-}$	17141	1	24510
17143	$e^+e^- \to \rho^+\eta\eta\eta D^-D^0$	17142	1	24511
17144	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^+D_1^-$	17143	1	24512
17145	$e^+e^- \to \bar{K}^0D^+D_s^-\Delta^0\bar{\Xi}_c^{*0}$	17144	1	24513
17146	$e^+e^- \to K^0K^{*-}D^+D^{*+}a_1^-$	17145	1	24514
17147	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+D^-\bar{D}^{*-}$	17146	1	24515
17148	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D_s^-\chi_{c0}$	17147	1	24516
17149	$e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^*D^-D^{*0}\bar{D}^{*0}$	17148	1	24517
17150	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^-D^0D_s^+$	17149	1	24518
17151	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta K^0D^+D^-D^{*+}$	17150	1	24519
17152	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0D^+D_s^{*-}\bar{p}\Sigma_c^+$	17151	1	24520

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17153	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^- D^- \bar{n}\Delta^+$	17152	1	24521
17154	$e^+e^- \to e^+\nu_e D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	17153	1	24522
17155	$e^+e^- \to \rho^+\rho^+\eta\omega\bar{K}^0 K^* K^{*-}\bar{D}^{*-}D^0$	17154	1	24523
17156	$e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+$	17155	1	24524
17157	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega\omega\omega\bar{K}^0 D^{*+}\bar{D}^{*-}$	17156	1	24525
17158	$e^+e^- \to \pi^+\eta K^+ K^- D^- D^{*+} D_{s1}'^-$	17157	1	24526
17159	$e^+e^- \to \bar{K}^* D^+\bar{D}^{*-} D_2^{*-} D_s^+$	17158	1	24527
17160	$e^+e^- \to \pi^- D_s^{*+}\bar{\Delta}^0\Lambda_c^+ D_1'^-$	17159	1	24528
17161	$e^+e^- \to K^- D^+\bar{D}^{*-}\Delta^+\bar{\Xi}_c^{*0}$	17160	1	24529
17162	$e^+e^- \to e^+\nu_e D^+ D^-\bar{D}^{*-}$	17161	1	24530
17163	$e^+e^- \to \pi^- K^{*-} D^{*+}\bar{D}^0\bar{D}^{*0} D_s^+$	17162	1	24531
17164	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\bar{D}^{*-} D_s^{*+}$	17163	1	24532
17165	$e^+e^- \to e^+\nu_e\rho^0\bar{K}^* K^+\bar{D}^{*-} D_1'^-$	17164	1	24533
17166	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\eta D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	17165	1	24534
17167	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+}$	17166	1	24535
17168	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\bar{K}^0 D^{*+} D_1^-$	17167	1	24536
17169	$e^+e^- \to e^-\bar{\nu}_e D^{*+} D^{*+} D_s^{*-}\gamma$	17168	1	24537
17170	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+ D^- D^{*+}\gamma$	17169	1	24538
17171	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- K^* D^+ D^+\bar{D}^{*-}$	17170	1	24539
17172	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\omega\bar{K}^* D^+ D^{*0}$	17171	1	24540
17173	$e^+e^- \to \pi^+\pi^-\rho^- K^* D^{*+} J/\psi$	17172	1	24541
17174	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^{*-} D^- D^{*+}$	2479	1	24542
17175	$e^+e^- \to \pi^0\pi^0\rho^0\omega\bar{D}^{*0} n\bar{\Sigma}_c^0$	17174	1	24543
17176	$e^+e^- \to \pi^0\rho^+ K^+\bar{D}^{*-} D^{*0}\bar{\Delta}^+\Xi_c^0$	17175	1	24544
17177	$e^+e^- \to \pi^0\pi^0 K^0 K^{*-} D^+ D^{*+} D_s^{*-}$	17176	1	24545
17178	$e^+e^- \to \pi^-\rho^+\eta K^-\bar{D}^{*0}\bar{n}\Lambda_c^+$	17177	1	24546
17179	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+ D^-$	17178	1	24547
17180	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^0 D^{*0}$	17179	1	24548
17181	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+ D^- D^{*+} p\bar{p}$	557	1	24549
17182	$e^+e^- \to \pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-} a_1^+$	17181	1	24550
17183	$e^+e^- \to \rho^0\pi^-\rho^-\eta\omega K^0\bar{K}^0 D^+ D^+$	17182	1	24551
17184	$e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-} D^0\bar{n}\Lambda$	17183	1	24552

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17185	$e^+e^- \to \pi^0\rho^0\pi^+\eta D^- D^- D_s^{*+}$	17184	1	24553
17186	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega\eta' D^{*+}\bar{D}^{*-}$	17185	1	24554
17187	$e^+e^- \to \mu^+\nu_\mu\pi^- K^0\bar{K}^0 D^- \bar{D}^{*0} D_s^{*+}$	17186	1	24555
17188	$e^+e^- \to \pi^+\rho^- K^0 K^+ K^- \bar{D}^{*0} J/\psi$	17187	1	24556
17189	$e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^- D^+ D^- D_s^-$	17188	1	24557
17190	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\omega K^+ K^- D^- D^{*+}$	2481	1	24558
17191	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	17190	1	24559
17192	$e^+e^- \to e^+\nu_e\rho^-\omega\eta' D^{*+}\bar{D}^{*-}$	17191	1	24560
17193	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}$	17192	1	24561
17194	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0 K^+ D^+\bar{D}^{*-}$	17193	1	24562
17195	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\bar{K}^0 K^{*+} D^-\bar{D}^{*-}$	17194	1	24563
17196	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^- K^* D^+\bar{D}^0$	17195	1	24564
17197	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^*\bar{D}^0 J/\psi$	17196	1	24565
17198	$e^+e^- \to \rho^0\pi^-\bar{K}^0 K^{*+} K^{*+} D^+\bar{D}^{*-}\bar{D}^{*-}$	17197	1	24566
17199	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-} D_1^+$	17198	1	24567
17200	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^-\bar{\Delta}^+\Sigma_c^{++}$	17199	1	24568
17201	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0 K^+ K^- D_2^{*+}\bar{D}^0$	17200	1	24569
17202	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^0 D_0^{*-}$	17201	1	24570
17203	$e^+e^- \to \omega\bar{D}^0 D^{*0}\Delta^0\bar{\Delta}^0$	2482	1	24571
17204	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta'\bar{D}^{*-} D^{*0}\bar{D}^{*0}$	17203	1	24572
17205	$e^+e^- \to K^0 K^0 D^+\bar{D}^{*-} D^0\bar{D}^{*0}$	558	1	24573
17206	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\bar{K}^0 K^* D^+\bar{D}^{*-}$	17205	1	24574
17207	$e^+e^- \to \pi^+\pi^-\rho^+ D^+\bar{D}^{*-} a_1^-\gamma$	17206	1	24575
17208	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-} D_s^{*+}$	17207	1	24576
17209	$e^+e^- \to \pi^0\pi^0\rho^- K^*\bar{K}^* D^- D_s^+ D_s^{*+}$	559	1	24577
17210	$e^+e^- \to K_L D^+\eta_c a_1^-$	17209	1	24578
17211	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0 K^+ D^- D_s^{*+} p\bar{\Sigma}_c^{*--}$	17210	1	24579
17212	$e^+e^- \to \bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	17211	1	24580
17213	$e^+e^- \to \pi^+\pi^+\pi^- K^0\bar{K}^0 D^-\bar{D}^{*-} D_{s1}'^+$	17212	1	24581
17214	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*0}$	17213	1	24582
17215	$e^+e^- \to e^+\nu_e X_u^-\rho^0\pi^-\pi^-\rho^+\omega D^{*+}$	17214	1	24583
17216	$e^+e^- \to \pi^0 K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0} a_1^+$	17215	1	24584

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17217	$e^+e^- \to \pi^0\pi^-\rho^-\eta\omega K^0\bar{K}^0K^+D^+D^{*+}\bar{D}^{*-}$	17216	1	24585
17218	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}D_s^{*-}$	17217	1	24586
17219	$e^+e^- \to \rho^+\rho^-\rho^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	17218	1	24587
17220	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*0}$	2485	1	24588
17221	$e^+e^- \to \rho^0\rho^+\eta D^-\bar{\Delta}^+\Sigma_c^+$	17220	1	24589
17222	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^{*0}$	17221	1	24590
17223	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-K^{*+}D^{*+}$	17222	1	24591
17224	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^{*+}D^+D^-$	17223	1	24592
17225	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^{*+}\bar{D}^{*-}\bar{n}p$	17224	1	24593
17226	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+\eta\bar{D}^0D_1^+$	17225	1	24594
17227	$e^+e^- \to \pi^0\omega D^-D^{*+}\bar{\Delta}^0\Delta^+a_1^-$	17226	1	24595
17228	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+K^+D^+\bar{D}^{*-}D^{*0}$	17227	1	24596
17229	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-K^0D^{*+}D_s^-\bar{\Sigma}^0\Sigma^+$	17228	1	24597
17230	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\omega D^{*+}D_1^-$	17229	1	24598
17231	$e^+e^- \to \pi^-\rho^+\rho^-\omega\bar{K}^*K^+\eta'D^+\bar{D}^{*-}$	17230	1	24599
17232	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^0$	17231	1	24600
17233	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-}D^0$	17232	1	24601
17234	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0K^+D^+D_s^{*-}$	17233	1	24602
17235	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega D^-\bar{\Delta}^0\Sigma_c^{*0}$	17234	1	24603
17236	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^0K^+K^-D^+$	17235	1	24604
17237	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta'D^{*+}\bar{\Delta}^0\Xi_c^{*0}$	17236	1	24605
17238	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega D^{*+}D^{*+}$	17237	1	24606
17239	$e^+e^- \to e^+\nu_e\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	17238	1	24607
17240	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^+\bar{\Delta}^0\Sigma_c^0$	17239	1	24608
17241	$e^+e^- \to \pi^-\rho^+\eta\omega K^+K^-D^+\bar{D}^{*-}$	2486	1	24609
17242	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^{*+}\bar{D}^{*-}a_1^-$	17241	1	24610
17243	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^+K^-D^+D^{*+}D_s^-$	17242	1	24611
17244	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}a_1^+$	17243	1	24612
17245	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^*D^+\bar{D}^{*-}\bar{D}^{*-}$	17244	1	24613
17246	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^{*+}D_2^{*-}n\bar{\Delta}^0$	17245	1	24614
17247	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\eta D^-D^{*+}$	17246	1	24615
17248	$e^+e^- \to e^+\nu_e\pi^+D^-D^{*0}D_s^-$	17247	1	24616

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17249	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D_s^+D_1^+$	17248	1	24617
17250	$e^+e^- \to \pi^0\rho^0\pi^+\omega D^-\bar{\Delta}^+\Sigma_c^{*+}$	17249	1	24618
17251	$e^+e^- \to \pi^-\omega K^0K^+K^-D^{*+}D^{*+}\bar{D}^{*-}$	17250	1	24619
17252	$e^+e^- \to \pi^0\pi^0K^+D^-\bar{n}\Sigma_c^0$	17251	1	24620
17253	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	17252	1	24621
17254	$e^+e^- \to \pi^0\rho^0D^{*+}D^0\bar{D}^0D_s^{*-}$	17253	1	24622
17255	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	17254	1	24623
17256	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^+D^+\bar{D}^{*-}D^{*0}$	560	1	24624
17257	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^-D^+D_1'^-$	2488	1	24625
17258	$e^+e^- \to \pi^0\pi^+\pi^+K^*K^-\eta'D^-D_2^{*+}D_s^-$	17257	1	24626
17259	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta K^*\bar{K}^*\bar{D}^{*-}D^{*0}$	17258	1	24627
17260	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+\omega D^-D^{*+}$	17259	1	24628
17261	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\omega D_2^{*+}p\bar{\Lambda}_c^-$	17260	1	24629
17262	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^0\phi D^-D^{*+}D_s^-$	17261	1	24630
17263	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}$	17262	1	24631
17264	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^{++}$	17263	1	24632
17265	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta\omega K^0K^{*-}D^+\bar{D}^{*-}$	17264	1	24633
17266	$e^+e^- \to e^+\nu_e\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	17265	1	24634
17267	$e^+e^- \to \tau^+\nu_\tau\pi^-K^+\bar{D}^{*-}\bar{D}^0\gamma$	17266	1	24635
17268	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0D^+\bar{D}^{*-}\bar{D}^{*0}\bar{n}p$	2489	1	24636
17269	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^-D^+D^+\bar{D}^{*0}\bar{D}^{*0}$	2490	1	24637
17270	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	17269	1	24638
17271	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0D^-D^{*+}D^{*0}$	17270	1	24639
17272	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	17271	1	24640
17273	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^+D^{*+}$	17272	1	24641
17274	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Xi}^+$	17273	1	24642
17275	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\omega K^-D^+D_2^{*-}$	2491	1	24643
17276	$e^+e^- \to \pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D^{*0}D_s^+n\bar{n}$	17275	1	24644
17277	$e^+e^- \to e^+\nu_e\rho^+\eta\eta\omega K^-\bar{D}^{*-}D^{*0}$	17276	1	24645
17278	$e^+e^- \to \rho^0\pi^+\pi^+\eta D^-D^0D_s^-$	17277	1	24646
17279	$e^+e^- \to \pi^+\rho^+D_2^{*-}D^{*0}D_s^-$	17278	1	24647
17280	$e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^*D^+\eta_c$	17279	1	24648

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17281	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D_0^{*+}$	17280	1	24649
17282	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+K^0D^+\bar{D}^0$	17281	1	24650
17283	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}$	17282	1	24651
17284	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-K^0D^+D^-D^0$	17283	1	24652
17285	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\eta\bar{D}^{*-}\bar{p}\Lambda_c^+$	17284	1	24653
17286	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega K^0\bar{K}^0K^*D^+D^-$	17285	1	24654
17287	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*K^-D^{*+}\bar{D}^0D_{s1}'^-$	17286	1	24655
17288	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta D^-D^{*+}a_1^-$	17287	1	24656
17289	$e^+e^- \to \pi^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+$	17288	1	24657
17290	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+\Delta^+\bar{\Sigma}_c^{*0}$	17289	1	24658
17291	$e^+e^- \to \pi^+\pi^-\rho^+K^-K^{*+}\bar{D}^{*-}D_2^{*+}D_s^{*-}$	17290	1	24659
17292	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^0n\bar{\Lambda}_c^-$	2492	1	24660
17293	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta'\bar{D}^{*-}D_1^+$	17292	1	24661
17294	$e^+e^- \to \pi^0\pi^-\rho^-\eta\eta D^+D^{*+}$	17293	1	24662
17295	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+D^-D^{*0}$	17294	1	24663
17296	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^-D^+\bar{D}^{*-}$	17295	1	24664
17297	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^{*0}$	561	1	24665
17298	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^+D^0\bar{D}^0$	17297	1	24666
17299	$e^+e^- \to \tau^+\nu_\tau\pi^0K^0D^-D^{*0}\bar{D}^{*0}$	17298	1	24667
17300	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\omega\bar{K}^0K^*D^+D^{*+}$	17299	1	24668
17301	$e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^0D_{s1}'^+$	17300	1	24669
17302	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\pi^-\eta K^+D^{*+}\bar{D}^{*0}$	17301	1	24670
17303	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-D^{*+}\bar{D}^{*-}\bar{n}p$	17302	1	24671
17304	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}D^0$	17303	1	24672
17305	$e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^{*0}D_s^+D_s^+D_s^-$	17304	1	24673
17306	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{K}^0D^{*+}D^{*+}\bar{D}^{*0}$	17305	1	24674
17307	$e^+e^- \to \pi^-\rho^+\omega\bar{K}^*\phi\bar{D}^{*-}D_s^{*+}$	17306	1	24675
17308	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+}$	2494	1	24676
17309	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^-D^{*+}$	17308	1	24677
17310	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+D^-D_s^+$	17309	1	24678
17311	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{\Delta}^+\Xi_c^{*0}D_1'^+$	17310	1	24679
17312	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\omega D^+\bar{D}^{*0}$	17311	1	24680

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17313	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^0\bar{D}^{*0}$	2495	1	24681
17314	$e^+e^- \to \pi^0\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0 D_s^{*+}$	17313	1	24682
17315	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	2496	1	24683
17316	$e^+e^- \to \pi^0\rho^0 K^0 K^0 K^- D^{*+} J/\psi$	17315	1	24684
17317	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\bar{K}^* K^- K^{*+} K^{*+} D^+\bar{D}^{*-}$	17316	1	24685
17318	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{D}^0 D_s^{*+} D_1^+$	17317	1	24686
17319	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 D^+ D^- n\bar{\Lambda}$	17318	1	24687
17320	$e^+e^- \to e^+\nu_e K^{*-} D^+\bar{D}^0 D_0^{*-}$	17319	1	24688
17321	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-\rho^- D^+ D^+$	17320	1	24689
17322	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\omega\omega K^0 K^{*+} K^{*-} D^+\bar{D}^{*0}$	2497	1	24690
17323	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D^+ D_1'^-$	17322	1	24691
17324	$e^+e^- \to \pi^0\pi^+\pi^- D^- D^{*+} D_s^{*+}\Delta^0\bar{\Delta}^+$	17323	1	24692
17325	$e^+e^- \to \rho^0\bar{K}^*\bar{D}^{*-}\eta_c a_1^+$	17324	1	24693
17326	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^+ D^-$	17325	1	24694
17327	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^+ D^- D_1'^+$	17326	1	24695
17328	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\Delta^0\bar{\Sigma}_c^0$	17327	1	24696
17329	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^- K^+ D^{*0} p\bar{p}$	17328	1	24697
17330	$e^+e^- \to \pi^+\bar{K}^0 K^* D^+ D^- D^-$	17329	1	24698
17331	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta K^0 K^+ K^- D_2^{*+}\bar{D}^{*0}$	17330	1	24699
17332	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^+ D^+$	17331	1	24700
17333	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^- D^{*+} p\bar{\Xi}_c^-$	2498	1	24701
17334	$e^+e^- \to \bar{K}^0 D^+\bar{D}^{*-} K_1^0\psi(3770)$	2499	1	24702
17335	$e^+e^- \to \pi^0\rho^0 K^0\bar{K}^* D^- D^{*0} D_s^+$	17334	1	24703
17336	$e^+e^- \to \bar{K}^0 D^- D^{*+} D_2^{*-} D_s^+$	17335	1	24704
17337	$e^+e^- \to \pi^0 K^0 K^{*+} K^{*-} D^+\bar{D}^{*-} D^0 n\bar{n}$	17336	1	24705
17338	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega D^+\bar{D}^{*-}$	17337	1	24706
17339	$e^+e^- \to \rho^+\eta K^0 K^* K^{*-} D^{*+} D_s^-$	17338	1	24707
17340	$e^+e^- \to \pi^0\omega\bar{K}^0\bar{K}^0 K^+ D^- J/\psi$	17339	1	24708
17341	$e^+e^- \to \pi^0 K^*\phi D^- D^{*+} D^{*+} D_s^-$	17340	1	24709
17342	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta D^- D^{*+}$	17341	1	24710
17343	$e^+e^- \to \pi^0\pi^+\eta\eta D^+ D^-\Sigma^{*-}\bar{\Sigma}^{*0}$	17342	1	24711
17344	$e^+e^- \to \pi^0\bar{K}^0 D^- D_s^{*+} D_s^{*-}\bar{\Delta}^- n$	17343	1	24712

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17345	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\eta D^{*0}D_1^-$	17344	1	24713
17346	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*0}a_1^-$	17345	1	24714
17347	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}D^0D^0\bar{D}^{*0}$	562	1	24715
17348	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega\bar{K}^0K^{*+}D^-D^-$	17347	1	24716
17349	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^{*+}n\bar{\Sigma}_c^0$	17348	1	24717
17350	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^-K^{*+}K^{*+}D^+D^-D^0$	17349	1	24718
17351	$e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}n\bar{\Sigma}_c^-$	17350	1	24719
17352	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+K^-K^{*+}D^{*+}\bar{D}^{*-}$	17351	1	24720
17353	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\omega K^0\bar{K}^0D^+D^-$	2501	1	24721
17354	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^{*-}\bar{D}^0\gamma$	17353	1	24722
17355	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	17354	1	24723
17356	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	17355	1	24724
17357	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+\bar{D}^{*-}$	2502	1	24725
17358	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}D_2^{*-}$	17357	1	24726
17359	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D_1'^+$	17358	1	24727
17360	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^0$	2503	1	24728
17361	$e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-D^+D^-$	17360	1	24729
17362	$e^+e^- \to \pi^0\pi^0\rho^0\omega D^+\bar{D}^0D_s^-$	17361	1	24730
17363	$e^+e^- \to \rho^0\rho^0\rho^+\rho^+K^0K^-D^-D^0$	17362	1	24731
17364	$e^+e^- \to e^+\nu_eK^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-}$	17363	1	24732
17365	$e^+e^- \to \pi^0\rho^+\rho^+\eta\eta\bar{D}^{*-}\bar{D}^{*-}$	17364	1	24733
17366	$e^+e^- \to \rho^-\rho^-D^+D^{*+}p\bar{p}$	17365	1	24734
17367	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}p\bar{\Xi}_c^-$	17366	1	24735
17368	$e^+e^- \to e^+\nu_e\pi^0\rho^+K^{*-}D_2^{*-}D^{*0}$	17367	1	24736
17369	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^+D^-D^{*0}$	17368	1	24737
17370	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^+D^-\bar{D}^{*-}D^{*0}D^{*0}$	17369	1	24738
17371	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-$	17370	1	24739
17372	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}$	17371	1	24740
17373	$e^+e^- \to D^+D^{*+}D_{s1}^-a_1^-$	17372	1	24741
17374	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\eta D^-\bar{D}^{*-}$	17373	1	24742
17375	$e^+e^- \to \rho^0\rho^+\bar{K}^0K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}$	17374	1	24743
17376	$e^+e^- \to \rho^0\rho^0\pi^-\omega D^-D^{*+}D_s^{*+}$	17375	1	24744

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17377	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	17376	1	24745
17378	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*0}a_1^+$	17377	1	24746
17379	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^0D^{*+}D^0$	17378	1	24747
17380	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^-K^0D^{*+}D^0$	17379	1	24748
17381	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_0^{*+}$	2504	1	24749
17382	$e^+e^- \to K^0K^0K^{*-}D^-D^{*+}D^{*+}$	17381	1	24750
17383	$e^+e^- \to \tau^+\nu_\tau\rho^0D^-\bar{\Delta}^0\Sigma_c^0$	17382	1	24751
17384	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0D^+\bar{\Delta}^-\Delta^-\chi_{c0}$	17383	1	24752
17385	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0K^-D^{*+}\bar{D}^{*0}$	17384	1	24753
17386	$e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*0}\Delta^0\bar{\Lambda}_c^-$	17385	1	24754
17387	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*0}\bar{p}\Lambda_c^+$	17386	1	24755
17388	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega\omega D^+\bar{D}^0$	17387	1	24756
17389	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^{*+}$	17388	1	24757
17390	$e^+e^- \to \rho^0\rho^+\bar{K}^*D_2^{*+}D_s^-\Sigma^-\bar{\Sigma}^{*0}$	17389	1	24758
17391	$e^+e^- \to \rho^0\pi^-\rho^+K^+K^-D^+\Sigma^-\bar{\Lambda}$	17390	1	24759
17392	$e^+e^- \to e^+\nu_eK^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	17391	1	24760
17393	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	563	1	24761
17394	$e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}D^{*0}p\bar{p}$	17393	1	24762
17395	$e^+e^- \to \pi^-\pi^-\omega D^+D^{*+}D_s^-\bar{n}p\gamma$	17394	1	24763
17396	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\eta D^+\bar{\Delta}^+\Sigma_c^{*+}\gamma$	2506	1	24764
17397	$e^+e^- \to \rho^+\rho^-\bar{K}^0D^+n\bar{p}\Sigma^{*0}\bar{\Omega}_c^0$	17396	1	24765
17398	$e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{K}^0D^{*+}\bar{D}^0D_0^{*+}$	17397	1	24766
17399	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	17398	1	24767
17400	$e^+e^- \to \pi^0\rho^0\pi^-\eta K^0K^-D^+D^{*+}\bar{D}^0$	2507	1	24768
17401	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^+\bar{D}^0$	17400	1	24769
17402	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega K^*K^-D^-D^{*+}$	17401	1	24770
17403	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-\eta\eta'D^-D^-$	17402	1	24771
17404	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	564	1	24772
17405	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}D_s^{*+}$	17404	1	24773
17406	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}D^0\bar{D}^{*0}$	17405	1	24774
17407	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-K^0D^-D^{*+}$	17406	1	24775
17408	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^{*-}D^+D^-\bar{D}^{*0}$	17407	1	24776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17409	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	17408	1	24777
17410	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\omega\omega D^{*+}D_1^+$	17409	1	24778
17411	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D^{*+}p\bar{p}$	17410	1	24779
17412	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^0$	17411	1	24780
17413	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^+D^-\bar{D}^0$	2509	1	24781
17414	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_{s0}^{*-}$	17413	1	24782
17415	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	17414	1	24783
17416	$e^+e^- \to \pi^-\rho^+D^{*+}D_s^{*+}n\bar{p}D_1^-$	17415	1	24784
17417	$e^+e^- \to \pi^+\pi^-\pi^-K^0K^-D^{*+}p\bar{p}\bar{\Delta}^+\Sigma_c^{++}$	17416	1	24785
17418	$e^+e^- \to \pi^+\pi^-\pi^-\eta'D^+\bar{K}_1^0\psi(3770)$	17417	1	24786
17419	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^+K^-K^{*+}\bar{D}^{*-}D^0D_s^-$	17418	1	24787
17420	$e^+e^- \to K^*D^+D_s^-D_s^-D_1^+$	17419	1	24788
17421	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\omega\bar{K}^0\bar{D}^{*-}D^{*0}\Delta^-\bar{\Delta}^0$	17420	1	24789
17422	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^0D_s^-$	565	1	24790
17423	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-K^0\bar{K}^0K^+K^-D^+D^+$	17422	1	24791
17424	$e^+e^- \to \bar{D}^{*-}D_s^+D_s^{*-}D_1'^+$	17423	1	24792
17425	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega K^0\bar{K}^0K^*D^{*+}D_s^{*-}$	17424	1	24793
17426	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^+K^+K^-\eta'D^-\bar{D}^{*-}$	17425	1	24794
17427	$e^+e^- \to \pi^-\rho^-\omega\omega K^0K^0\bar{K}^0\bar{K}^*K^{*+}D^{*+}D^0$	2511	1	24795
17428	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega K^-K^{*+}D^-D^0$	17427	1	24796
17429	$e^+e^- \to \pi^-K^0\bar{K}^0K^{*-}D^+D^{*+}\bar{D}^{*0}$	17428	1	24797
17430	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^-D^{*+}D^0$	2512	1	24798
17431	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{\Delta}^+\Xi_c^{*0}$	17430	1	24799
17432	$e^+e^- \to \rho^-K^-D^{*+}\bar{D}^{*0}\bar{n}\Sigma_c^{*+}$	17431	1	24800
17433	$e^+e^- \to \pi^-D_2^{*-}\bar{D}^{*0}D_s^+D_s^+$	17432	1	24801
17434	$e^+e^- \to D^-D^{*+}\bar{\Sigma}^{*+}\Sigma^{*0}a_1^-$	17433	1	24802
17435	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^*\bar{K}^*K^{*+}D^-D^0$	17434	1	24803
17436	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\eta'D^-D^{*+}$	17435	1	24804
17437	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega D^-\bar{D}^{*-}$	17436	1	24805
17438	$e^+e^- \to \rho^+\eta\omega\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*-}$	17437	1	24806
17439	$e^+e^- \to \pi^-\rho^+\rho^+\bar{K}^0D^+D^-\bar{D}^{*-}$	17438	1	24807
17440	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega\omega D^+D_0^{*-}$	2513	1	24808

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17441	$e^+e^- \to \pi^+\pi^+\rho^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	17440	1	24809
17442	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}$	17441	1	24810
17443	$e^+e^- \to K^-D_s^{*+}\bar{\Lambda}\Sigma_c^+D_1^-$	17442	1	24811
17444	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\eta\bar{D}^{*-}D_0^{*+}$	17443	1	24812
17445	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}$	17444	1	24813
17446	$e^+e^- \to \pi^0\rho^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+}$	17445	1	24814
17447	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^+K^-D^+\bar{D}^{*-}$	17446	1	24815
17448	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+K^-D^+p\bar{p}D_{s1}'^-$	17447	1	24816
17449	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega D^-D^{*0}D_s^{*-}$	17448	1	24817
17450	$e^+e^- \to \pi^0\pi^0K^{*+}D^+\bar{D}^{*-}D^{*0}D_s^{*-}$	17449	1	24818
17451	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}D^{*0}$	2514	1	24819
17452	$e^+e^- \to K^+K^-D^+J/\psi\Delta^0\bar{\Delta}^+$	17451	1	24820
17453	$e^+e^- \to \pi^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	2515	1	24821
17454	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^-\bar{p}\Lambda_c^+$	17453	1	24822
17455	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+D^-$	17454	1	24823
17456	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^{*--}$	17455	1	24824
17457	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	17456	1	24825
17458	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}D_2^{*-}$	17457	1	24826
17459	$e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+$	17458	1	24827
17460	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-D^-n\bar{p}$	17459	1	24828
17461	$e^+e^- \to \bar{K}^0K^+D^-D^-D_s^{*+}$	17460	1	24829
17462	$e^+e^- \to \pi^0\pi^-\rho^-\omega D^{*+}D^{*+}p\bar{p}$	17461	1	24830
17463	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^0D_s^-D_0^{*+}$	17462	1	24831
17464	$e^+e^- \to \eta K^0K^-D^+\bar{D}^0D^{*0}\bar{D}^{*0}$	17463	1	24832
17465	$e^+e^- \to \pi^+\pi^-\rho^+K^*K^-D^{*+}\bar{D}^{*-}$	17464	1	24833
17466	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\eta D^+D^-$	2516	1	24834
17467	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^-\bar{D}^{*-}\psi(3770)$	17466	1	24835
17468	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\omega D^{*+}D^{*+}n\bar{p}$	17467	1	24836
17469	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta\eta'D^-D^{*+}$	566	1	24837
17470	$e^+e^- \to \pi^0\pi^+K^*K^{*-}D^-D^{*0}D_s^{*+}$	17469	1	24838
17471	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-D^{*+}D_2^{*-}$	17470	1	24839
17472	$e^+e^- \to K^0\bar{K}^0D^-D^{*+}D^{*0}\bar{D}^{*0}$	17471	1	24840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17473	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^-D^+D_0^{*-}$	17472	1	24841
17474	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^-D^{*+}D^0\bar{D}^0$	17473	1	24842
17475	$e^+e^- \to \omega K^0D^0\bar{D}^0D_s^{*+}D_1'^-$	17474	1	24843
17476	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+D^-\bar{\Sigma}^+\Sigma^-$	17475	1	24844
17477	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+K^0K^-D^-\bar{D}^{*-}$	17476	1	24845
17478	$e^+e^- \to \pi^0\pi^+\omega K^0K^0\bar{K}^0K^+K^-K^-D^+\bar{D}^{*-}$	17477	1	24846
17479	$e^+e^- \to \pi^0\pi^0\rho^+\omega D^+\bar{D}^{*-}D_s^-\gamma$	17478	1	24847
17480	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^+D^+$	17479	1	24848
17481	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega K^+K^{*-}\bar{D}^0\bar{D}^{*0}$	17480	1	24849
17482	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^*D^{*+}D^{*+}$	17481	1	24850
17483	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta\omega K^0D^-D^{*+}$	17482	1	24851
17484	$e^+e^- \to \rho^0\rho^-D^+D^-a_1^+$	17483	1	24852
17485	$e^+e^- \to \pi^0\pi^-K^0D^{*+}\eta_c$	17484	1	24853
17486	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^-D^+D^{*+}$	143	1	24854
17487	$e^+e^- \to \pi^0\omega K^0\bar{K}^0D^0\bar{D}^{*0}n\bar{n}$	17486	1	24855
17488	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega\bar{D}^{*-}D_1'^+$	17487	1	24856
17489	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^-D^-$	17488	1	24857
17490	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega D^+\bar{D}^{*-}\bar{n}p$	17489	1	24858
17491	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0}$	17490	1	24859
17492	$e^+e^- \to D^-D^{*+}D_s^+n\bar{p}$	17491	1	24860
17493	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^-$	17492	1	24861
17494	$e^+e^- \to \pi^+\pi^-D^+D_s^{*+}D_s^{*-}D_1^-$	17493	1	24862
17495	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	17494	1	24863
17496	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^+D^0$	17495	1	24864
17497	$e^+e^- \to \pi^+\rho^+D^-D^0D_s^-$	17496	1	24865
17498	$e^+e^- \to \pi^0\bar{K}^0K^+D^-D^{*+}D_{s1}^-$	17497	1	24866
17499	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\bar{K}^0\phi D_0^{*+}$	17498	1	24867
17500	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta D^{*+}D^0$	17499	1	24868
17501	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0$	17500	1	24869
17502	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}\bar{\Delta}^+\Sigma^{*0}$	17501	1	24870
17503	$e^+e^- \to \omega K^0D^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	17502	1	24871
17504	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^+$	17503	1	24872

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17505	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\omega\omega D^-\bar{D}^{*-}$	568	1	24873
17506	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^+\bar{D}^{*-}n\bar{n}$	17505	1	24874
17507	$e^+e^- \to \pi^0\pi^0K_2^{*0}K^+\phi D^-$	17506	1	24875
17508	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-K^0K^-D^+D^-$	17507	1	24876
17509	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^-K^0\bar{K}^0D^{*+}\bar{D}^0$	17508	1	24877
17510	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0\bar{p}\Delta^+$	569	1	24878
17511	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^0K^{*-}D^+D^-D_s^{*+}$	17510	1	24879
17512	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^-K^+D^+$	17511	1	24880
17513	$e^+e^- \to \rho^-K^0K^+K^-D^{*+}\eta_c$	17512	1	24881
17514	$e^+e^- \to \mu^+\nu_\mu\rho^0D^-\bar{\Delta}^+\Sigma_c^{*+}$	17513	1	24882
17515	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{K}^*\bar{D}^{*-}$	17514	1	24883
17516	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{n}pD_0^{*+}$	17515	1	24884
17517	$e^+e^- \to \rho^+\bar{D}^{*-}D^{*0}D_s^{*-}\bar{\Sigma}^0\Sigma^+$	17516	1	24885
17518	$e^+e^- \to \omega D^{*+}\bar{D}^0a_1^-$	17517	1	24886
17519	$e^+e^- \to \pi^-\omega\omega\omega K^0D^+\Lambda_c^+\bar{\Lambda}_c^-$	17518	1	24887
17520	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega D^-D^0D_s^{*+}$	17519	1	24888
17521	$e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^+K^-D^+D^+$	17520	1	24889
17522	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^-\eta D^+D^{*+}$	17521	1	24890
17523	$e^+e^- \to \pi^-\rho^+\rho^+\omega\omega K^0D_2^{*-}$	17522	1	24891
17524	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*K^{*-}D^{*+}\bar{D}^{*-}$	17523	1	24892
17525	$e^+e^- \to \pi^0D^{*+}\bar{D}^0D_s^{*-}$	17524	1	24893
17526	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^{*0}D_s^{*-}$	570	1	24894
17527	$e^+e^- \to \pi^+\rho^+\eta\bar{D}^{*-}D_s^{*-}$	17526	1	24895
17528	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_{s1}'^-$	17527	1	24896
17529	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^-D^+\bar{D}^0$	17528	1	24897
17530	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-\bar{K}^0D^{*+}\bar{D}^0D_1'^+$	17529	1	24898
17531	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^{*-}$	17530	1	24899
17532	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0\bar{K}^*K^+K^+K^+D^-\bar{D}^0$	17531	1	24900
17533	$e^+e^- \to K^+D^+D_s^-\bar{\Delta}^+\Xi_c^{*0}$	17532	1	24901
17534	$e^+e^- \to \pi^-\bar{K}^*\bar{D}^0D_s^+\psi'$	2522	1	24902
17535	$e^+e^- \to D_2^{*+}D_s^+D_s^-D_1'^-$	17534	1	24903
17536	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta\omega K^0\bar{K}^*D^{*+}$	17535	1	24904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17537	$e^+e^- \to \pi^0\rho^+\omega D^+D^-D_s^-$	17536	1	24905
17538	$e^+e^- \to \rho^0\rho^0K^+D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	17537	1	24906
17539	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^*D_2^{*+}\bar{D}^{*0}D_s^{*-}$	17538	1	24907
17540	$e^+e^- \to \rho^+\eta\bar{K}^*K^-D^+\bar{D}^{*-}\gamma$	17539	1	24908
17541	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+K^0D^0D_s^{*-}D_s^{*-}$	2523	1	24909
17542	$e^+e^- \to \bar{D}^{*-}D^0D_s^{*+}n\bar{\Delta}^0$	17541	1	24910
17543	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^{*+}D_1^-$	17542	1	24911
17544	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\pi^-D^+D^{*0}$	2524	1	24912
17545	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\rho^-D^+D_1^-$	17544	1	24913
17546	$e^+e^- \to \omega D^{*+}\bar{D}^{*-}D_s^{*+}\Sigma^-\bar{\Sigma}^0$	17545	1	24914
17547	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^-\bar{D}^{*-}D^{*0}D_{s1}'^+$	17546	1	24915
17548	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D_s^+D_1'^-$	17547	1	24916
17549	$e^+e^- \to D^+D_2^{*-}D_s^{*+}D_s^{*-}\gamma$	17548	1	24917
17550	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^0K^*D^{*+}D_s^{*-}$	17549	1	24918
17551	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^*D^+\psi'$	17550	1	24919
17552	$e^+e^- \to \tau^+\nu_\tau\pi^-D^+\Delta^+\bar{\Delta}^+D_1^-$	17551	1	24920
17553	$e^+e^- \to \rho^0\pi^+\rho^-K^-D^+D^{*0}$	17552	1	24921
17554	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}\bar{n}\Delta^+$	17553	1	24922
17555	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}D^{*+}$	17554	1	24923
17556	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	17555	1	24924
17557	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^{*+}D^+D_s^{*-}$	17556	1	24925
17558	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+D^-D^-$	17557	1	24926
17559	$e^+e^- \to \bar{K}^0K^+K^-D^+D^-\bar{D}^{*0}$	17558	1	24927
17560	$e^+e^- \to \pi^0\rho^0\pi^+K^0K^{*-}D^+D^-n\bar{n}$	17559	1	24928
17561	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega\omega K^*K^+K^-D^{*+}\bar{D}^{*0}$	17560	1	24929
17562	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+K^0K^0K^{*-}D_1^-$	17561	1	24930
17563	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0K^-D^{*0}D_s^+$	17562	1	24931
17564	$e^+e^- \to \pi^0\pi^+\omega\omega\omega K^*D^-D^{*+}\bar{D}^{*-}$	17563	1	24932
17565	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\eta'D^{*+}\bar{D}^{*-}$	17564	1	24933
17566	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta K^0K^-D^+D^-$	17565	1	24934
17567	$e^+e^- \to \tau^+\nu_\tau D_1'^-\bar{X}_{sd}\gamma$	17566	1	24935
17568	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^-D^{*+}D_1^+$	17567	1	24936

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17569	$e^+e^- \to \pi^+ D^0 D_s^+ D_s^- D_1^-$	17568	1	24937
17570	$e^+e^- \to \pi^+\pi^+\rho^-\rho^- \bar{D}^{*-} D_2^{*+}$	17569	1	24938
17571	$e^+e^- \to \pi^- \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^{++} a_1^+$	17570	1	24939
17572	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0 \bar{K}^* K^+ K^- D^+ \bar{D}^{*-}$	17571	1	24940
17573	$e^+e^- \to \rho^0\pi^- \bar{K}^* K^{*+} D^{*+} \bar{D}^{*-}$	17572	1	24941
17574	$e^+e^- \to e^+\nu_e\pi^-\pi^- K^+ D^+ \bar{D}^{*-} \bar{D}^{*0}$	17573	1	24942
17575	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^- \bar{K}^0 K^+ \eta' D^+ \bar{D}^{*-}$	17574	1	24943
17576	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^- D^- D^{*+} \bar{D}^{*0}$	17575	1	24944
17577	$e^+e^- \to \pi^0\pi^- K^0 \bar{K}^0 \eta' D^{*+} \bar{D}^{*-} \bar{D}^0 D_s^+$	17576	1	24945
17578	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^0 n \bar{\Sigma}_c^-$	17577	1	24946
17579	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+ D^- \bar{n} \Delta^0 D_0^{*-}$	17578	1	24947
17580	$e^+e^- \to \pi^- \eta K^{*+} D^{*+} \bar{D}^{*-} D^0$	2525	1	24948
17581	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^+ \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	17580	1	24949
17582	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta D^- D^- \bar{p} \Delta^+$	17581	1	24950
17583	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-\omega D^- D^{*+}$	17582	1	24951
17584	$e^+e^- \to \pi^-\rho^- K^+ D^{*+} \chi_{c1}$	17583	1	24952
17585	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^{*+} \bar{D}^0 D_s^+$	17584	1	24953
17586	$e^+e^- \to \pi^+\pi^+\rho^- K^0 \bar{K}^0 D^{*+} \bar{D}^{*-} D_s^{*-}$	571	1	24954
17587	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^{*+} D^{*+} D_s^{*-}$	17586	1	24955
17588	$e^+e^- \to \pi^-\rho^+\rho^- \bar{K}^0 K^+ D^- D^{*+}$	17587	1	24956
17589	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+ D^{*+} \bar{D}^0$	17588	1	24957
17590	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\rho^-\eta\eta\omega D^+ \bar{D}^0$	17589	1	24958
17591	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^- K^0 K^- D^- D^{*+}$	17590	1	24959
17592	$e^+e^- \to D^{*+} D_s^{*-} X_{sd}\gamma$	17591	1	24960
17593	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega\omega \bar{D}^{*-} D^{*0}$	17592	1	24961
17594	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^- D^+ D^{*+}$	17593	1	24962
17595	$e^+e^- \to K^0 K^0 \bar{K}^0 K^{*-} D^+ D^- D_s^+$	17594	1	24963
17596	$e^+e^- \to \pi^+\pi^-\rho^+\eta\eta' \bar{D}^{*-} \bar{D}^{*-} D_{s1}^+$	17595	1	24964
17597	$e^+e^- \to \pi^0\rho^+ K^0 \bar{K}^0 K^{*-} D^0 \bar{D}^0$	17596	1	24965
17598	$e^+e^- \to \pi^0\eta K^- D^- D^{*+} \bar{D}^{*0} \bar{n} p$	2527	1	24966
17599	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta D^+ D^- a_1^-$	17598	1	24967
17600	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^+ K^- D^+ \bar{D}^{*-}$	17599	1	24968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17601	$e^+e^- \to K^0K^*D^+D^-\bar{n}\Omega_c^0$	17600	1	24969
17602	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^+D^-D^-$	17601	1	24970
17603	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	17602	1	24971
17604	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^{*0}\Delta^+\bar{\Xi}_c^{*0}$	2528	1	24972
17605	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}\bar{D}^0$	17604	1	24973
17606	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^+K^-D^+D^{*0}$	17605	1	24974
17607	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\psi'$	17606	1	24975
17608	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0K^+D_2^{*-}D_s^{*+}D_s^{*-}$	17607	1	24976
17609	$e^+e^- \to \pi^-\omega\bar{K}^0D^{*+}\bar{D}^{*-}a_1^+$	17608	1	24977
17610	$e^+e^- \to \pi^0\rho^-K^0\bar{K}^*D^{*+}D^{*+}D_{s1}'^-\gamma$	17609	1	24978
17611	$e^+e^- \to K^+K^-D^-D^{*+}D_s^{*-}\bar{\Delta}^-n$	17610	1	24979
17612	$e^+e^- \to e^+\nu_e\pi^0\rho^0K^0K^-D^{*+}\bar{D}^{*-}$	17611	1	24980
17613	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^0D^{*+}\bar{D}^{*-}D^{*0}$	17612	1	24981
17614	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta K^*\bar{K}^*$	17613	1	24982
17615	$e^+e^- \to \rho^-\eta\omega D^{*+}\bar{D}^{*-}a_1^+$	17614	1	24983
17616	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}D_s^{*-}$	17615	1	24984
17617	$e^+e^- \to \pi^0\rho^+\omega D^{*+}\bar{D}^{*-}D_{s1}'^-$	17616	1	24985
17618	$e^+e^- \to \pi^0K^*K^{*-}D^-D^{*+}a_1^+$	17617	1	24986
17619	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^0\bar{K}^*D^+D^-$	17618	1	24987
17620	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}a_1^+$	17619	1	24988
17621	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0\bar{K}^0K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	17620	1	24989
17622	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\pi^+\omega K^{*+}K^{*-}\bar{D}^{*-}$	17621	1	24990
17623	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}$	17622	1	24991
17624	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}\bar{\Sigma}^0\Sigma^+\gamma$	17623	1	24992
17625	$e^+e^- \to e^-\bar{\nu}_e\omega D^+p\bar{\Xi}_c^-$	17624	1	24993
17626	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^-D^+p\bar{p}$	17625	1	24994
17627	$e^+e^- \to e^+\nu_e\pi^0K^0K^-D^+D^-$	17626	1	24995
17628	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0K^-D^0D^0$	17627	1	24996
17629	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\bar{D}^0\bar{D}^{*0}D_s^+$	17628	1	24997
17630	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega D^-D^{*+}$	17629	1	24998
17631	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\omega D^-\bar{D}^{*-}$	17630	1	24999
17632	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}a_1^-\gamma$	17631	1	25000

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17633	$e^+e^- \to \pi^0\pi^0\pi^+\omega\eta' D^- D^0 \bar{n}\Delta^0$	17632	1	25001
17634	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- K^0 D^+ D^{*+}\bar{D}^{*0}$	17633	1	25002
17635	$e^+e^- \to \rho^-\eta\omega\omega D^+ D^{*+} a_1^-$	2529	1	25003
17636	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^0$	17635	1	25004
17637	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	17636	1	25005
17638	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta\eta K^+ D^+\bar{D}^{*0}$	17637	1	25006
17639	$e^+e^- \to \bar{K}^0 D^{*+} D_s^+ D_s^- D_s^-$	17638	1	25007
17640	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	17639	1	25008
17641	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\eta\bar{D}^{*-} D^{*0}$	17640	1	25009
17642	$e^+e^- \to \rho^+ D^- D^{*+} D_s^{*-}\gamma$	17641	1	25010
17643	$e^+e^- \to \mu^+\nu_\mu\rho^- K^0\bar{K}^0\eta' D^+ D_1^-$	17642	1	25011
17644	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D^- D_2^{*+}$	17643	1	25012
17645	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	17644	1	25013
17646	$e^+e^- \to D^+ D^{*+}\bar{D}^{*-} D_s^-$	17645	1	25014
17647	$e^+e^- \to \rho^+\omega D^+ D^-\bar{D}^{*-}$	17646	1	25015
17648	$e^+e^- \to \pi^+\pi^-\rho^+\rho^- D^+\bar{D}^{*-}\gamma$	17647	1	25016
17649	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^- D^+ D_1'^-$	17648	1	25017
17650	$e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0 K^{*+} D^+\bar{D}^{*-}$	17649	1	25018
17651	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta K^+ K^{*-} D^{*+} D_1'^-$	17650	1	25019
17652	$e^+e^- \to e^+\nu_e D^+ D_s^{*-} D_0^{*-}\gamma$	17651	1	25020
17653	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^0 K^{*+} D^+\bar{D}^0\bar{p}\Lambda$	17652	1	25021
17654	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+ D^-$	17653	1	25022
17655	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-} J/\psi n\bar{p}\bar{K}_1^0$	17654	1	25023
17656	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^0 D_s^{*+}$	17655	1	25024
17657	$e^+e^- \to \rho^0\pi^- D^+\bar{D}^0$	17656	1	25025
17658	$e^+e^- \to \pi^-\bar{K}^* K^- D^+\bar{D}^0 D_s^+$	17657	1	25026
17659	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\eta'\bar{D}^{*-} n\bar{n}$	17658	1	25027
17660	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\bar{K}^0 K^* D^+ D^-$	17659	1	25028
17661	$e^+e^- \to \pi^-\omega\omega\bar{K}^* D^+\bar{D}^0 p\bar{p}$	17660	1	25029
17662	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}$	17661	1	25030
17663	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^- D^+ D_1^-$	17662	1	25031
17664	$e^+e^- \to \pi^-\pi^-\bar{K}^* D^+\bar{D}^0 D^{*0}\bar{n}p$	17663	1	25032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17665	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^{*+}D^-D_1^+$	17664	1	25033
17666	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^*D^+D^-\bar{D}^0D_s^+$	17665	1	25034
17667	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^0\bar{n}\Delta^0$	2530	1	25035
17668	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta K^0K^-D^+\bar{D}^{*-}$	17667	1	25036
17669	$e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0\bar{D}^{*-}D_s^+$	17668	1	25037
17670	$e^+e^- \to \pi^0D^-D^{*+}D_s^{*-}\bar{\Delta}^-\Delta^0$	17669	1	25038
17671	$e^+e^- \to e^+\nu_e\pi^0\pi^0K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}$	17670	1	25039
17672	$e^+e^- \to \pi^0\pi^-\pi^-K^+D^-\eta_c\bar{\Sigma}^{*+}\Sigma^+$	17671	1	25040
17673	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-}$	17672	1	25041
17674	$e^+e^- \to \rho^+D^{*+}D_s^{*-}\Sigma^{*0}\bar{\Xi}_c'^-$	17673	1	25042
17675	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^0\bar{K}^0D^-D^{*+}$	17674	1	25043
17676	$e^+e^- \to \pi^0\pi^+\rho^+\omega\omega K^{*-}D^-D^{*0}$	17675	1	25044
17677	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^-D_0^{*+}$	17676	1	25045
17678	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^*K^*K^-K^{*+}J/\psi$	17677	1	25046
17679	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta K^+K^-D^+D^{*+}$	17678	1	25047
17680	$e^+e^- \to \pi^0\pi^+\pi^+\omega K^0\bar{K}^0K^-\eta'D^-D^{*+}\bar{D}^{*-}$	17679	1	25048
17681	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau\pi^+\eta D^+$	17680	1	25049
17682	$e^+e^- \to K^+K^{*-}D^+\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^{*-}$	17681	1	25050
17683	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\eta_c$	17682	1	25051
17684	$e^+e^- \to \rho^0\pi^+\pi^-K^{*-}D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*-}$	17683	1	25052
17685	$e^+e^- \to \pi^+\pi^-\rho^-K^*D^+D^0\bar{D}^{*0}$	17684	1	25053
17686	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D_2^{*-}D_s^+\gamma$	17685	1	25054
17687	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\phi D^-\bar{D}^{*0}D_s^+$	17686	1	25055
17688	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^*\bar{K}^*K^+D^-\bar{D}^{*0}$	17687	1	25056
17689	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*K^-D^{*+}\bar{D}^{*0}$	17688	1	25057
17690	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}D^0\Delta^0\bar{\Delta}^0$	2531	1	25058
17691	$e^+e^- \to \tau^+\nu_\tau D^{*+}D_2^{*-}\Delta^0\bar{\Delta}^+$	17690	1	25059
17692	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\eta D^+\bar{D}^{*-}$	17691	1	25060
17693	$e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0K^*D^+D^-\gamma$	2532	1	25061
17694	$e^+e^- \to \pi^+\pi^-\eta\eta'D^+D^-$	17693	1	25062
17695	$e^+e^- \to \rho^0\pi^+D^+D^-n\bar{n}\Delta^0\bar{\Delta}^+$	17694	1	25063
17696	$e^+e^- \to \pi^+\pi^-\eta\omega K^0\bar{K}^0K^-K^{*+}D^+D^-$	2533	1	25064

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17697	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta' D^+D^-D_s^{*-}$	17696	1	25065
17698	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega\omega D^-$	17697	1	25066
17699	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\omega D^+D_1'^-$	17698	1	25067
17700	$e^+e^- \to \bar{K}^0D^+D^-J/\psi\bar{K}_1^0$	17699	1	25068
17701	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+K^*D^-D^{*+}$	17700	1	25069
17702	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega\Delta^+\bar{\Sigma}_c^{--}$	2534	1	25070
17703	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	17702	1	25071
17704	$e^+e^- \to \rho^-K^0D^-D^{*+}D^{*+}p\bar{p}\gamma$	17703	1	25072
17705	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\eta K^*K^-D^+D^-$	17704	1	25073
17706	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	17705	1	25074
17707	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^-D^+\bar{D}^0\bar{D}^{*0}$	17706	1	25075
17708	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}D_{s0}^{*+}$	17707	1	25076
17709	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	17708	1	25077
17710	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+K^-K^{*+}D^-$	17709	1	25078
17711	$e^+e^- \to \rho^0K^{*+}D^+D^-D^{*0}n\bar{p}$	17710	1	25079
17712	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^*D^{*+}\bar{D}^0$	17711	1	25080
17713	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^0D^0\bar{D}^0\bar{p}\Sigma^0$	17712	1	25081
17714	$e^+e^- \to \rho^0K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+$	17713	1	25082
17715	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^+D^+D^-$	17714	1	25083
17716	$e^+e^- \to \pi^-\bar{K}^0K^{*+}D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	17715	1	25084
17717	$e^+e^- \to \pi^-\bar{K}^0K^*K^-D^+\bar{n}\Sigma_c^{*+}$	17716	1	25085
17718	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*0}$	17717	1	25086
17719	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}n\bar{\Delta}^+$	17718	1	25087
17720	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\bar{K}^*D^{*+}D_s^+D_s^{*-}$	17719	1	25088
17721	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^+D_s^{*-}D_1^-$	17720	1	25089
17722	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^0D_s^+$	17721	1	25090
17723	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+D_1'^-$	17722	1	25091
17724	$e^+e^- \to e^+\nu_eK^+\bar{p}\Omega_c^0D_0^{*-}$	17723	1	25092
17725	$e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p}D_{s1}'^+$	17724	1	25093
17726	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^0D^{*+}\bar{D}^0\Delta^+\bar{\Delta}^{++}$	17725	1	25094
17727	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^+D^-$	17726	1	25095
17728	$e^+e^- \to e^+\nu_eK_S\bar{D}^{*-}\eta_c$	17727	1	25096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17729	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega K^+K^-\Delta^{++}\bar{\Sigma}_c^{*--}\gamma$	17728	1	25097
17730	$e^+e^- \to \pi^+K^0K^+K^-K^{*-}D^+\bar{D}^{*-}$	17729	1	25098
17731	$e^+e^- \to \pi^0\eta\bar{K}^*K^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c^+$	17730	1	25099
17732	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta D^-D^-$	17731	1	25100
17733	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^+D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^-$	17732	1	25101
17734	$e^+e^- \to \pi^0\pi^0\pi^0\eta\bar{D}^{*0}\bar{\Delta}^0\Xi_c^0$	17733	1	25102
17735	$e^+e^- \to \pi^0\eta\omega\omega\bar{K}^0K^{*+}D^-\bar{D}^{*0}$	17734	1	25103
17736	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	17735	1	25104
17737	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^+D^-$	17736	1	25105
17738	$e^+e^- \to \pi^0K^+K^-D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	17737	1	25106
17739	$e^+e^- \to \pi^0\rho^-\rho^-\omega K^+D^+J/\psi$	2535	1	25107
17740	$e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}\bar{\Delta}^-\Delta^0$	17739	1	25108
17741	$e^+e^- \to \pi^0K^{*-}D^+\bar{D}^{*0}n\bar{\Sigma}_c^{*0}$	17740	1	25109
17742	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^+D^-D^{*+}D^{*0}$	17741	1	25110
17743	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\bar{K}^*K^{*+}D^+D^-\Delta^+\bar{\Delta}^+\gamma$	17742	1	25111
17744	$e^+e^- \to \pi^-\omega K^{*+}K^{*-}D^+J/\psi K_1^0$	17743	1	25112
17745	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0\bar{D}^{*-}D^0$	17744	1	25113
17746	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^*K^-D^-D^{*+}$	17745	1	25114
17747	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+D^-$	17746	1	25115
17748	$e^+e^- \to \pi^+\pi^+K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}D^0D^{*0}$	17747	1	25116
17749	$e^+e^- \to \rho^0\pi^+\bar{K}^*\bar{D}^{*-}J/\psi$	17748	1	25117
17750	$e^+e^- \to \pi^0\rho^0\rho^-\omega D^+\bar{D}^{*-}a_1^+$	17749	1	25118
17751	$e^+e^- \to \pi^0\pi^+\rho^+\eta K^{*-}D^-J/\psi$	17750	1	25119
17752	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*-}D^0$	17751	1	25120
17753	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^{++}\Lambda_c^+$	17752	1	25121
17754	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0p\bar{\Delta}^+$	17753	1	25122
17755	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^{*+}D^{*+}\bar{D}^0D_{s1}'^-$	17754	1	25123
17756	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^-\bar{D}^{*0}$	17755	1	25124
17757	$e^+e^- \to \rho^0\bar{K}^*K^{*+}D^-\bar{p}\Lambda_c^+$	17756	1	25125
17758	$e^+e^- \to \pi^0\pi^+\eta'D^+D^-D_{s0}^{*-}$	17757	1	25126
17759	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0K^+\bar{D}^{*-}D^0\bar{D}^{*0}$	17758	1	25127
17760	$e^+e^- \to \pi^0\rho^+K^*D_s^-J/\psi\bar{K}_1^0$	17759	1	25128

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17761	$e^+e^- \to \pi^0\pi^0K^{*-}D^+\bar{D}^0\bar{D}^{*0}$	17760	1	25129
17762	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^-\eta D^-$	17761	1	25130
17763	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^-$	17762	1	25131
17764	$e^+e^- \to \pi^0\rho^-\omega D^+D^{*+}D_{s1}'^-$	17763	1	25132
17765	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+\eta D^+\bar{D}^{*-}$	2536	1	25133
17766	$e^+e^- \to \pi^0\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D^{*0}\bar{n}\Delta^+$	17765	1	25134
17767	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^-K^+K^-D^-D^{*+}$	17766	1	25135
17768	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\bar{K}^0\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*0}D_s^+$	17767	1	25136
17769	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-\omega\omega D^-D^{*+}p\bar{p}$	17768	1	25137
17770	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}\Sigma^-\bar{\Lambda}$	17769	1	25138
17771	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	17770	1	25139
17772	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\bar{D}^{*-}D^0$	17771	1	25140
17773	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	17772	1	25141
17774	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\eta'D^+D^-$	17773	1	25142
17775	$e^+e^- \to \rho^0\rho^0\bar{K}^0K^+K^-D^-D^{*+}\bar{D}^{*0}$	17774	1	25143
17776	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^+\bar{D}^{*-}$	17775	1	25144
17777	$e^+e^- \to \pi^+\pi^-D^+D^-p\bar{\Delta}^{++}a_1^+$	17776	1	25145
17778	$e^+e^- \to \pi^+\omega K^+K^{*-}D^{*+}\bar{D}^{*-}D_s^{*-}$	17777	1	25146
17779	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0}$	17778	1	25147
17780	$e^+e^- \to \pi^-\rho^+\rho^+K^+K^{*-}\bar{D}^{*-}D^{*0}$	17779	1	25148
17781	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^-D^{*+}D_s^+n\bar{n}$	17780	1	25149
17782	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-a_1^0$	17781	1	25150
17783	$e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^0D^+\bar{D}^0\bar{D}^0$	17782	1	25151
17784	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\bar{D}^{*-}D_1^+$	2537	1	25152
17785	$e^+e^- \to K^0K^-D^+D^-\bar{\Delta}^-n$	17784	1	25153
17786	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^-D^{*+}$	17785	1	25154
17787	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0K^{*-}D^+D^{*+}n\bar{p}$	17786	1	25155
17788	$e^+e^- \to \mu^-\bar{\nu}_\mu K_SJ/\psi D_1^+$	17787	1	25156
17789	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c2}$	17788	1	25157
17790	$e^+e^- \to \rho^-D^+\bar{D}^0\bar{p}\Delta^+$	17789	1	25158
17791	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	17790	1	25159
17792	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D^{*0}$	17791	1	25160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17793	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\eta\bar{D}^{*0}D_1^+$	2538	1	25161
17794	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+}$	17793	1	25162
17795	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0$	17794	1	25163
17796	$e^+e^- \to \bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+D_{s1}'^+$	17795	1	25164
17797	$e^+e^- \to \mu^+\nu_\mu\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	17796	1	25165
17798	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+$	17797	1	25166
17799	$e^+e^- \to \pi^+\pi^-\rho^+K^{*+}K^{*-}\Delta^0\bar{\Sigma}_c^-$	17798	1	25167
17800	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^-D_2^{*+}$	17799	1	25168
17801	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+}$	17800	1	25169
17802	$e^+e^- \to \rho^+K^{*+}D^-\bar{D}^{*-}D^0$	17801	1	25170
17803	$e^+e^- \to \pi^0\pi^0\eta\eta K^0\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}$	17802	1	25171
17804	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	17803	1	25172
17805	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^-\omega D^+$	2539	1	25173
17806	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\rho^+\rho^-D^+D_2^{*-}$	17805	1	25174
17807	$e^+e^- \to e^-\bar{\nu}_e\eta K^*D^+D^-D^{*+}$	17806	1	25175
17808	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*0}$	17807	1	25176
17809	$e^+e^- \to \pi^0\pi^0\rho^-K^+D^+\bar{D}^{*-}D^{*0}$	17808	1	25177
17810	$e^+e^- \to \rho^+\rho^+\eta\eta D^-\Delta^+\bar{\Sigma}_c^{*--}$	17809	1	25178
17811	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\eta K^{*+}D^+D^-$	17810	1	25179
17812	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-K^{*+}D^+\Lambda\bar{\Sigma}_c^{*-}$	17811	1	25180
17813	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^0K^0K^-K^{*-}\bar{D}^{*-}D^0$	17812	1	25181
17814	$e^+e^- \to \pi^0\pi^0\pi^0D^+D_s^-n\bar{\Xi}_c^0$	17813	1	25182
17815	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^0D_s^-$	17814	1	25183
17816	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0K^{*+}D^-D^-$	17815	1	25184
17817	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+D^+D^+D_{s0}^{*-}$	17816	1	25185
17818	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	17817	1	25186
17819	$e^+e^- \to K^+K^-K^-\eta'D^+D_2^{*+}D_s^-$	17818	1	25187
17820	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	17819	1	25188
17821	$e^+e^- \to \pi^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	17820	1	25189
17822	$e^+e^- \to \pi^-K^+D^{*+}D_s^{*-}J/\psi$	17821	1	25190
17823	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	17822	1	25191
17824	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^-D^0D_s^+$	17823	1	25192

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17825	$e^+e^- \to K^+\bar{D}^{*-}D^0D^{*0}\Lambda\bar{\Sigma}^{*0}$	17824	1	25193
17826	$e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}D^{*0}$	17825	1	25194
17827	$e^+e^- \to \pi^0\pi^+D^{*0}D_s^-\Delta^{++}\bar{\Sigma}_c^{*--}$	17826	1	25195
17828	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^{*+}\bar{D}^{*-}p\bar{p}$	17827	1	25196
17829	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^-\rho^+D_2^{*+}$	17828	1	25197
17830	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{D}^{*-}D_s^{*+}$	17829	1	25198
17831	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega K^-D^+D^-\bar{D}^{*0}$	17830	1	25199
17832	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^{*+}\Lambda\bar{\Sigma}_c^-$	17831	1	25200
17833	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+}$	17832	1	25201
17834	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_1'^-$	17833	1	25202
17835	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta K^0D^+\eta_c$	17834	1	25203
17836	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+\eta\omega\bar{K}^0D^-D^0$	2540	1	25204
17837	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\omega D^+D^{*+}$	17836	1	25205
17838	$e^+e^- \to \rho^-\bar{K}^*D^+\bar{D}^{*-}p\bar{\Lambda}$	17837	1	25206
17839	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*0}$	17838	1	25207
17840	$e^+e^- \to \pi^0\pi^+\pi^+K^-D^-\bar{D}^{*-}D_s^{*+}$	17839	1	25208
17841	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D_2^{*-}\bar{D}^0D_s^+\gamma$	17840	1	25209
17842	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta D^{*+}D_1^+$	17841	1	25210
17843	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}$	17842	1	25211
17844	$e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	17843	1	25212
17845	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^0\bar{K}^0D^+\bar{D}^{*-}$	17844	1	25213
17846	$e^+e^- \to \pi^-K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	17845	1	25214
17847	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}\eta_c$	17846	1	25215
17848	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	17847	1	25216
17849	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+D^{*+}\bar{D}^{*-}$	17848	1	25217
17850	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*0}$	17849	1	25218
17851	$e^+e^- \to \tau^+\nu_\tau\pi^0\eta'D_2^{*-}D^{*0}$	17850	1	25219
17852	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega K^*\bar{D}^{*0}\bar{D}^{*0}$	17851	1	25220
17853	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-}$	17852	1	25221
17854	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\eta K^*\bar{K}^*D^+\bar{D}^{*-}$	17853	1	25222
17855	$e^+e^- \to D^{*+}\bar{D}^0p\bar{\Delta}^+D_{s0}^{*-}\gamma$	17854	1	25223
17856	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}$	17855	1	25224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17857	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+}$	17856	1	25225
17858	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}D^0$	17857	1	25226
17859	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0D^+D^-a_1^-$	17858	1	25227
17860	$e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}D_s^{*+}D_s^{*-}$	17859	1	25228
17861	$e^+e^- \to e^+\nu_e\omega D^-D^-\bar{\Sigma}^+\Sigma^0$	17860	1	25229
17862	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+D_0^{*-}$	17861	1	25230
17863	$e^+e^- \to \omega\bar{K}^0D^-D_s^+J/\psi$	17862	1	25231
17864	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\omega D^+D^+$	17863	1	25232
17865	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}n\bar{n}D_0^{*+}$	17864	1	25233
17866	$e^+e^- \to \pi^+\pi^-K^*D^-D^{*+}\bar{p}\Lambda_c^+$	17865	1	25234
17867	$e^+e^- \to \pi^0\pi^0K^*\bar{K}^*\bar{K}^*D^0\bar{D}^0\bar{D}^0$	17866	1	25235
17868	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\omega D^+\bar{D}^{*-}$	17867	1	25236
17869	$e^+e^- \to \mu^+\nu_\mu\pi^0K^*K^{*-}D^+\bar{D}^{*-}$	17868	1	25237
17870	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}D_s^{*+}$	17869	1	25238
17871	$e^+e^- \to \pi^0K^+K^-D^+\bar{D}^{*-}D^0\bar{D}^{*0}$	17870	1	25239
17872	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0K^*D^+p\bar{\Lambda}_c^-$	17871	1	25240
17873	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	17872	1	25241
17874	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^{*0}$	17873	1	25242
17875	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta\omega\bar{K}^0K^+D^-D_1^+$	17874	1	25243
17876	$e^+e^- \to \bar{K}^0D^-D_s^+D_s^{*-}a_1^+$	17875	1	25244
17877	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^+\omega K^-\bar{D}^{*-}$	2541	1	25245
17878	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+\phi D^+D^-$	17877	1	25246
17879	$e^+e^- \to \pi^+\rho^+\omega K^0D^-a_0^-$	17878	1	25247
17880	$e^+e^- \to \pi^+K^*K^-D^-D^{*+}D^0\bar{D}^{*0}$	17879	1	25248
17881	$e^+e^- \to \pi^+\pi^-\rho^+K^{*-}D^+D^-\bar{D}^0$	17880	1	25249
17882	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	17881	1	25250
17883	$e^+e^- \to e^-\bar{\nu}_eX_u^+D^-a_1^+$	17882	1	25251
17884	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}D_s^{*+}D_1^-$	17883	1	25252
17885	$e^+e^- \to e^+\nu_eK^0D^0D_0^{*-}$	17884	1	25253
17886	$e^+e^- \to \pi^0\rho^0\pi^+\eta K^0\bar{K}^*\bar{D}^{*-}\psi'$	17885	1	25254
17887	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega D^+D^{*+}$	17886	1	25255
17888	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}D_{s1}'^-$	17887	1	25256

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17889	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{p}\Sigma_c^{*++}$	17888	1	25257
17890	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	17889	1	25258
17891	$e^+e^- \to \rho^0\rho^0\pi^+\eta\eta\omega K^0K^-D^-D^{*+}$	17890	1	25259
17892	$e^+e^- \to D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	572	1	25260
17893	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^+D^{*+}n\bar{\Delta}^{++}$	17892	1	25261
17894	$e^+e^- \to \pi^+\pi^+K^0\bar{K}^*K^{*-}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma_c^{*0}$	2543	1	25262
17895	$e^+e^- \to \pi^+D^-D^0D_s^+D_s^{*-}$	17894	1	25263
17896	$e^+e^- \to \pi^0\bar{K}^0K^*\bar{K}^*K^+D^{*+}\bar{D}^{*-}n\bar{p}$	17895	1	25264
17897	$e^+e^- \to e^+\nu_e\pi^+K^{*-}D^0\bar{D}^{*0}D_0^{*-}$	17896	1	25265
17898	$e^+e^- \to \pi^0\pi^0K^+D^+\bar{D}^{*-}D^{*0}D_s^{*-}$	17897	1	25266
17899	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}$	17898	1	25267
17900	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^{*+}\bar{D}^0D_1^-$	17899	1	25268
17901	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	17900	1	25269
17902	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega K^{*-}D^+\bar{D}^{*0}$	17901	1	25270
17903	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^-D_{s1}'^+$	17902	1	25271
17904	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\bar{D}^0\bar{n}\Delta^0$	17903	1	25272
17905	$e^+e^- \to \pi^-K^0\bar{K}^0D^{*+}\bar{D}^0p\bar{\Delta}^+$	17904	1	25273
17906	$e^+e^- \to \pi^+\pi^+K^-D^0D_s^+D_s^-D_s^-$	17905	1	25274
17907	$e^+e^- \to \pi^+\pi^+\omega K^{*-}\eta_c\Delta^0\bar{\Sigma}_c^{*-}$	17906	1	25275
17908	$e^+e^- \to D^+D^-D_{s0}^{*-}a_1^+$	17907	1	25276
17909	$e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	2544	1	25277
17910	$e^+e^- \to \pi^-\pi^-\rho^+\omega\omega K^0D^+\bar{D}^{*0}$	2545	1	25278
17911	$e^+e^- \to \pi^0\pi^0\eta\omega D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^+$	17910	1	25279
17912	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+D^0D_s^-$	17911	1	25280
17913	$e^+e^- \to \pi^+\pi^-\omega K^+K^-K^-\bar{D}^{*0}n\bar{n}\bar{\Delta}^+\Delta^{++}$	17912	1	25281
17914	$e^+e^- \to \mu^+\nu_\mu K^+D^-D^-D^0$	17913	1	25282
17915	$e^+e^- \to \pi^0K^0D^+D^{*0}\bar{D}^{*0}\Delta^-\bar{\Delta}^0$	17914	1	25283
17916	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^0K^+D^+D^{*0}D_s^{*-}$	17915	1	25284
17917	$e^+e^- \to \pi^+\pi^-\rho^+K^0K^{*-}D^-D^{*+}$	17916	1	25285
17918	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^+D^-$	17917	1	25286
17919	$e^+e^- \to \rho^0\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^-$	17918	1	25287
17920	$e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^{*-}$	17919	1	25288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17921	$e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^0$	17920	1	25289
17922	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\omega K^0\bar{D}^{*-}\Sigma^+\bar{\Xi}_c^-$	17921	1	25290
17923	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^- D_0^{*+}$	17922	1	25291
17924	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^- K^+ D^+ D^0\bar{D}^0$	17923	1	25292
17925	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\omega D^- D^{*0}$	17924	1	25293
17926	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0\bar{D}^{*-}\eta_c$	17925	1	25294
17927	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta' D^{*+}\bar{D}^{*-}$	17926	1	25295
17928	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- D^+ D^- D^{*0}$	17927	1	25296
17929	$e^+e^- \to K^{*-} D^{*+}\bar{D}^{*0} K_1^0\psi'$	17928	1	25297
17930	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^- D^{*+} D_2^{*-}\bar{D}^{*0}$	17929	1	25298
17931	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+$	17930	1	25299
17932	$e^+e^- \to \pi^0 K^0 D^{*+} D^0\bar{D}^0 D_s^-$	17931	1	25300
17933	$e^+e^- \to \pi^0\bar{K}^0 D^- D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	17932	1	25301
17934	$e^+e^- \to \pi^0\pi^-\omega D^{*+} D^{*+} D_s^{*-}$	17933	1	25302
17935	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^* D^-\eta_c$	17934	1	25303
17936	$e^+e^- \to \pi^+ K^0 K^*\bar{K}^* K^- K^{*+} D^+\bar{D}^{*-}\bar{D}^{*-}$	17935	1	25304
17937	$e^+e^- \to \pi^+\rho^-\rho^-\omega\bar{K}^0 D^{*+}\Delta^0\bar{\Xi}_c^{*0}$	17936	1	25305
17938	$e^+e^- \to \rho^- K^+ D^+ D_s^{*-} J/\psi$	11	1	25306
17939	$e^+e^- \to \pi^+\pi^+\pi^- K^0\bar{K}^0 K^- D^+ D^-\bar{D}^{*0}$	17938	1	25307
17940	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^+ K^- D^{*+} p\bar{\Lambda}_c^-$	17939	1	25308
17941	$e^+e^- \to \mu^+\nu_\mu\rho^+ D_2^{*-}\Delta^0\bar{\Sigma}_c^{*-}$	17940	1	25309
17942	$e^+e^- \to \rho^0\pi^-\bar{K}^0 K^+ K^+ K^+ K^- D^-$	17941	1	25310
17943	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-} J/\psi$	17942	1	25311
17944	$e^+e^- \to \pi^0\pi^-\pi^- K^+\bar{D}^0 D_s^{*+}\chi_{c0}$	17943	1	25312
17945	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+ K^0\bar{D}^{*-} n\bar{p}$	17944	1	25313
17946	$e^+e^- \to \pi^-\bar{K}^0 K^+\eta_c\psi'$	17945	1	25314
17947	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^* D^+ D_{s1}'^-$	17946	1	25315
17948	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+ D^+ D^-$	17947	1	25316
17949	$e^+e^- \to \pi^0\rho^+\eta' D^- D_2^{*+} D_s^-$	17948	1	25317
17950	$e^+e^- \to \pi^+\pi^-\omega D^{*+} D^0 D_s^{*-}$	17949	1	25318
17951	$e^+e^- \to \pi^0\pi^-\eta K^{*-}\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{*0}\Sigma_c^{++}$	17950	1	25319
17952	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^- D^0\bar{D}^{*0} D_s^+$	17951	1	25320

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17953	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^0\pi^+\rho^-K^0K^-D^{*+}\bar{D}^{*-}$	17952	1	25321
17954	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega\bar{D}^{*-}D^0D_{s1}'^+$	17953	1	25322
17955	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^+\bar{D}^0D_s^{*-}$	17954	1	25323
17956	$e^+e^- \to \pi^+\pi^+\pi^+\omega K^-D^-D^-D^0p\bar{p}$	17955	1	25324
17957	$e^+e^- \to \pi^+\omega D^{*+}\bar{D}^{*-}D_{s1}'^-$	17956	1	25325
17958	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-K^+K^-D^{*+}\Delta^+\bar{\Sigma}_c^0$	17957	1	25326
17959	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^+D^-\Delta^-\bar{n}$	17958	1	25327
17960	$e^+e^- \to \pi^0\omega\bar{K}^*K^+D^-\bar{D}^{*-}D_{s1}'^+$	17959	1	25328
17961	$e^+e^- \to e^+\nu_e\pi^0\bar{\Delta}^0\Sigma_c^{*0}D_1^-$	17960	1	25329
17962	$e^+e^- \to \pi^0D^-\bar{D}^{*0}\bar{\Delta}^-\Delta^0p\bar{p}$	17961	1	25330
17963	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\eta D^+D^+$	17962	1	25331
17964	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu D^+D_1^+$	17963	1	25332
17965	$e^+e^- \to \tau^+\nu_\tau K^{*-}D^-D^{*+}\bar{D}^0$	17964	1	25333
17966	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^-D_1^+$	2547	1	25334
17967	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^0D^+D^{*+}D_s^{*-}$	17966	1	25335
17968	$e^+e^- \to \pi^+K^0\bar{D}^{*-}D_2^{*+}D^0D_s^{*-}$	17967	1	25336
17969	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^+$	17968	1	25337
17970	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega D^+D^{*+}$	17969	1	25338
17971	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}D^{*0}$	17970	1	25339
17972	$e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-D^-\bar{D}^{*-}$	17971	1	25340
17973	$e^+e^- \to \rho^0\rho^-K_2^{*0}D^{*+}J/\psi$	574	1	25341
17974	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta K^*K^-D^{*+}\bar{D}^{*-}$	17973	1	25342
17975	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^+\bar{D}^0D_s^+$	17974	1	25343
17976	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^0D^+\bar{D}^0D^{*0}$	17975	1	25344
17977	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	2549	1	25345
17978	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0\bar{K}^0D^+J/\psi$	17977	1	25346
17979	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\eta'D^-D^{*0}$	17978	1	25347
17980	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{K}^0D^0D^0D_s^-$	17979	1	25348
17981	$e^+e^- \to \pi^0\rho^0K^0\bar{K}^0\eta'D^{*+}\bar{D}^{*-}\bar{D}^0$	17980	1	25349
17982	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}$	17981	1	25350
17983	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-K^*\bar{K}^*D^+$	17982	1	25351
17984	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+D^+\bar{D}^{*-}$	17983	1	25352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
17985	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}$	17984	1	25353
17986	$e^+e^- \to \pi^0\pi^-K^+K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	2550	1	25354
17987	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*-}$	17986	1	25355
17988	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	17987	1	25356
17989	$e^+e^- \to e^-\bar{\nu}_eD^{*+}p\bar{\Lambda}_c^-$	17988	1	25357
17990	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-K^0K^{*-}D^+\bar{D}^{*0}$	17989	1	25358
17991	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta D^-D^{*+}$	17990	1	25359
17992	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta\eta\omega D^-D^{*+}$	17991	1	25360
17993	$e^+e^- \to e^-\bar{\nu}_e\eta K^0K^-D^+D^{*+}$	17992	1	25361
17994	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^0\Delta^0\bar{\Delta}^0$	17993	1	25362
17995	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0D^{*+}D^{*+}\bar{D}^{*-}$	17994	1	25363
17996	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+\eta\bar{D}^{*-}D_2^{*+}$	17995	1	25364
17997	$e^+e^- \to \tau^+\nu_\tau\rho^0D^+D^-D_1'^-$	17996	1	25365
17998	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}D^{*+}$	17997	1	25366
17999	$e^+e^- \to \pi^-\rho^+K^0K^{*-}K^{*-}D^{*+}\bar{\Lambda}\Xi_c'^+$	17998	1	25367
18000	$e^+e^- \to \mu^+\nu_\mu K^+\bar{p}\Xi_c^0D_1^-$	17999	1	25368
18001	$e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	18000	1	25369
18002	$e^+e^- \to \rho^0\rho^-\eta D^+D_s^{*-}n\bar{\Sigma}^+$	2551	1	25370
18003	$e^+e^- \to K^*\bar{K}^*K^-D^+D^+\bar{D}^{*-}$	18002	1	25371
18004	$e^+e^- \to \pi^+\eta K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	18003	1	25372
18005	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}\bar{n}p$	18004	1	25373
18006	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^{*+}\bar{D}^0$	18005	1	25374
18007	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\rho^+\eta D^+D^-$	18006	1	25375
18008	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	18007	1	25376
18009	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	18008	1	25377
18010	$e^+e^- \to \rho^0\bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-}$	18009	1	25378
18011	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_{s1}'^-$	18010	1	25379
18012	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0D^+D^-$	18011	1	25380
18013	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta D^-D^0D_{s1}^+$	18012	1	25381
18014	$e^+e^- \to \pi^0\pi^-\eta K^-D^+D^{*+}\Sigma^-\bar{\Xi}^+$	18013	1	25382
18015	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^+D^-D_1'^+$	18014	1	25383
18016	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^0D^-D_1'^+$	18015	1	25384

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18017	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^*D^+D^-n\bar{p}$	2552	1	25385
18018	$e^+e^- \to \pi^+K^*D^0D_s^{*-}\eta_c$	18017	1	25386
18019	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}\Delta^+\bar{\Lambda}_c^-$	18018	1	25387
18020	$e^+e^- \to \pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^0D_s^+$	18019	1	25388
18021	$e^+e^- \to K^*D^+D^-\bar{D}^{*-}a_1^+$	18020	1	25389
18022	$e^+e^- \to \rho^+\rho^-\omega D^+n\bar{\Sigma}_c^-\gamma$	18021	1	25390
18023	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta D^{*+}D^{*0}\bar{D}^{*0}$	18022	1	25391
18024	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*+}a_1^-$	18023	1	25392
18025	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-D^0$	18024	1	25393
18026	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^0n\bar{p}$	18025	1	25394
18027	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0K^*K^-\phi D_s^+$	18026	1	25395
18028	$e^+e^- \to \pi^+\pi^+K^0\bar{K}^*K^-D^-D^{*+}\bar{D}^{*-}$	145	1	25396
18029	$e^+e^- \to \pi^0\rho^+\eta\eta K^0D^+D^-\Delta^+\bar{\Delta}^{++}$	18028	1	25397
18030	$e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^0n\bar{n}$	18029	1	25398
18031	$e^+e^- \to \pi^+\omega\phi\bar{D}^{*-}\bar{\Delta}^+\Xi_c^+$	18030	1	25399
18032	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta'D^{*+}\bar{D}^{*0}$	2554	1	25400
18033	$e^+e^- \to \pi^0\rho^+\bar{D}^{*-}D^0\bar{\Lambda}\Xi^{*0}$	18032	1	25401
18034	$e^+e^- \to \pi^0\pi^+\eta D^-D^0n\bar{\Delta}^0$	18033	1	25402
18035	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}$	18034	1	25403
18036	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^*K^+D^-D^{*+}$	18035	1	25404
18037	$e^+e^- \to e^+\nu_eK^0D^-D^{*+}\bar{\Delta}^0\Sigma^{*-}$	18036	1	25405
18038	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^{*+}D^-D^-$	18037	1	25406
18039	$e^+e^- \to e^+\nu_e\omega K^0K^-D^{*+}\bar{D}^{*-}$	2555	1	25407
18040	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^{*+}D^0p\bar{\Delta}^+$	18039	1	25408
18041	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	18040	1	25409
18042	$e^+e^- \to \pi^0\pi^+\rho^+\eta\omega D^-D^0D_s^{*-}$	18041	1	25410
18043	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+}n\bar{n}$	18042	1	25411
18044	$e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D_s^+D_s^-$	18043	1	25412
18045	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^-K^{*+}D^{*+}$	18044	1	25413
18046	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\omega D^-D^-$	18045	1	25414
18047	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^+D^+n\bar{\Lambda}_c^-$	18046	1	25415
18048	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}n\bar{\Sigma}_c^0$	18047	1	25416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18049	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\eta D^+\bar{D}^{*-}$	18048	1	25417
18050	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}D^0$	18049	1	25418
18051	$e^+e^- \to \pi^+\rho^-\bar{K}^*K^+D^-D_2^{*+}D_s^{*-}$	18050	1	25419
18052	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-K^0D^{*+}D_s^+D_s^-$	18051	1	25420
18053	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^-D^{*+}$	18052	1	25421
18054	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^-D^-D^{*+}$	18053	1	25422
18055	$e^+e^- \to \tau^+\nu_\tau D_s^{*+}D_1^-D_1^-$	18054	1	25423
18056	$e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*0}$	18055	1	25424
18057	$e^+e^- \to \pi^+\pi^-K^+D^-D^0$	18056	1	25425
18058	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\rho^+\rho^-D^+D^-$	18057	1	25426
18059	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^{*+}D^0$	18058	1	25427
18060	$e^+e^- \to \bar{K}^0K^-D^+D^+D^-\bar{D}^{*0}$	2556	1	25428
18061	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}$	18060	1	25429
18062	$e^+e^- \to \pi^0\pi^-K^{*+}D^-D^-D^{*+}D^{*+}$	18061	1	25430
18063	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0K^{*+}K^{*-}D^-\bar{\Delta}^+\Lambda_c^+$	18062	1	25431
18064	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}D_s^+\chi_{c0}$	18063	1	25432
18065	$e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0\bar{K}^*D^+D^+\bar{D}^{*-}$	18064	1	25433
18066	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^-D^0\bar{\Sigma}^+\Sigma^-$	2557	1	25434
18067	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\omega\bar{D}^{*-}D_1^+$	18066	1	25435
18068	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^+K^-D^+D^-$	18067	1	25436
18069	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta K^0\bar{K}^0K^-D^+D^{*+}\gamma$	18068	1	25437
18070	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^+$	2558	1	25438
18071	$e^+e^- \to \mu^+\nu_\mu D_s^{*-}D_1^+D_1^-$	18070	1	25439
18072	$e^+e^- \to \rho^0\rho^+\eta D^+D^-D_s^{*-}$	18071	1	25440
18073	$e^+e^- \to \pi^0\bar{K}^0D^-D_s^+D_s^-D_{s1}'^+$	18072	1	25441
18074	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^-D^+\bar{D}^{*-}$	18073	1	25442
18075	$e^+e^- \to e^+\nu_e\pi^0K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	18074	1	25443
18076	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D_1^-$	18075	1	25444
18077	$e^+e^- \to \eta D^{*+}D_s^{*-}\bar{\Delta}^0\Sigma_c^0$	18076	1	25445
18078	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+\Delta^+\bar{\Sigma}_c^{*-}$	18077	1	25446
18079	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta\eta D^+D^-$	18078	1	25447
18080	$e^+e^- \to \pi^0\pi^-\eta D^-D^{*+}\bar{\Delta}^-\Delta^0$	18079	1	25448

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18081	$e^+e^- \to \bar{K}^* D^{*+} \Delta^0 \bar{\Xi}_c^0 a_1^-$	18080	1	25449
18082	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	18081	1	25450
18083	$e^+e^- \to e^+\nu_e\pi^- K^0\bar{D}^0 D^{*0}\bar{D}^{*0}$	18082	1	25451
18084	$e^+e^- \to \rho^0\pi^+\eta\bar{K}^0 K^* K^+ K^- \bar{D}^{*-}\bar{D}^0$	18083	1	25452
18085	$e^+e^- \to \rho^0\eta\eta\bar{K}^0 K^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^-\bar{\Sigma}^{*+}$	18084	1	25453
18086	$e^+e^- \to \pi^0\rho^0\rho^+\omega K^{*-} D^- D^{*+}\bar{D}^{*0}$	18085	1	25454
18087	$e^+e^- \to \pi^0\bar{D}^{*-} D_s^+ D_s^{*-} D_1^+$	18086	1	25455
18088	$e^+e^- \to \pi^+\pi^-\bar{K}^0 K^*\bar{D}^0 D^{*0}\chi_{c1}$	18087	1	25456
18089	$e^+e^- \to \pi^+ K^{*-} D^+ D^-\bar{D}^{*-} D_s^+$	18088	1	25457
18090	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ K^* D^- D^{*+} D^0$	18089	1	25458
18091	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^- D^{*+} D_s^+$	18090	1	25459
18092	$e^+e^- \to \pi^0\pi^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	2559	1	25460
18093	$e^+e^- \to \pi^+\pi^- K^0 K^- D^{*+}\bar{D}^{*0}\psi(3770)$	18092	1	25461
18094	$e^+e^- \to \rho^0\pi^-\pi^-\omega K^0 D^+ D^{*+}$	2560	1	25462
18095	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- K^0\bar{K}^* D^+\bar{D}^{*-}$	18094	1	25463
18096	$e^+e^- \to e^+\nu_e\rho^0\eta\eta\omega K^- D^- D^{*+}$	18095	1	25464
18097	$e^+e^- \to \rho^- K^+ D^+ D^- D^0$	576	1	25465
18098	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-} a_1^+$	18097	1	25466
18099	$e^+e^- \to \pi^0\pi^0\rho^- D^- D^{*+} a_1^+\gamma$	18098	1	25467
18100	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^{*-} D^+ D^{*+}\bar{D}^{*0}$	18099	1	25468
18101	$e^+e^- \to \pi^0\pi^+ K^+ K^- D^+\bar{D}^{*-} D_{s1}'^-$	18100	1	25469
18102	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\omega\omega K^{*-} D^- D^{*0}$	2562	1	25470
18103	$e^+e^- \to \rho^0\pi^+\rho^- K^{*-} D_2^{*+}\eta_c$	146	1	25471
18104	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^{*+} K^{*-} D^-\bar{p}\Sigma_c^{*++}$	18103	1	25472
18105	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^* K^+ K^- K^- K^{*+}\bar{D}^{*-}$	18104	1	25473
18106	$e^+e^- \to \pi^+\pi^+\rho^-\eta D^- J/\psi\bar{K}_1^0$	18105	1	25474
18107	$e^+e^- \to \pi^+\eta\bar{K}^0 D^+ D^-\bar{D}^{*-}$	18106	1	25475
18108	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^0\bar{K}^0 D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	18107	1	25476
18109	$e^+e^- \to \pi^+ K^{*+}\bar{D}^{*-} D^0 D^{*0} D_s^-$	2564	1	25477
18110	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^- D_s^{*+} n\bar{n}$	18109	1	25478
18111	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta K^0 K^{*-} D^{*+}$	18110	1	25479
18112	$e^+e^- \to \pi^+ D^0 D_s^- X_{sd}\gamma$	18111	1	25480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18113	$e^+e^- \to \pi^- K^0 K^+ D^- D^{*+} \bar{D}^0 D^{*0}$	18112	1	25481
18114	$e^+e^- \to K^0 K^+ K^- D^{*+} D^0 \bar{D}^0 n\bar{p}$	2565	1	25482
18115	$e^+e^- \to \pi^+\pi^+\pi^+\pi^- \eta\eta\eta\omega \bar{D}^{*-} \bar{D}^{*-}$	18114	1	25483
18116	$e^+e^- \to e^+\nu_e \pi^- \bar{D}^{*-} \bar{D}^0 D_s^{*+}$	18115	1	25484
18117	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^- \eta\omega K^* K^{*-} \bar{D}^0 \bar{D}^0$	18116	1	25485
18118	$e^+e^- \to \omega D^+ \bar{D}^{*-} D_s^- \bar{n}\Delta^+$	18117	1	25486
18119	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ K^+ \eta' D^- \bar{D}^{*-} D^0$	18118	1	25487
18120	$e^+e^- \to e^-\bar{\nu}_e D^{*+} \bar{D}^{*-} \bar{p}\Delta^{++}$	18119	1	25488
18121	$e^+e^- \to \rho^+ D^- D^{*+} \Sigma^0 \bar{\Sigma}^0 a_1^-$	18120	1	25489
18122	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^+\pi^+\pi^- \eta D^{*+} \bar{D}^{*-}$	18121	1	25490
18123	$e^+e^- \to \tau^-\bar{\nu}_\tau \phi D^+ \bar{D}^{*-} D_s^+ \gamma$	18122	1	25491
18124	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^0\pi^0\pi^+ \eta\omega D^- D^{*+}$	18123	1	25492
18125	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ \omega D^{*+} \bar{D}^{*-}$	18124	1	25493
18126	$e^+e^- \to \tau^+\nu_\tau \pi^0\rho^0\rho^0\pi^- \bar{K}^* D^{*+} D_1^-$	18125	1	25494
18127	$e^+e^- \to e^-\bar{\nu}_e \pi^+ K^0 \bar{K}^* D^{*+} \bar{D}^{*-}$	18126	1	25495
18128	$e^+e^- \to \pi^- \omega D^+ D^+ D^-$	2566	1	25496
18129	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+ D^{*+} \bar{D}^{*-} \bar{\Delta}^- \Delta^+$	18128	1	25497
18130	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^0 \bar{K}^0 \bar{D}^{*-} \eta_c$	18129	1	25498
18131	$e^+e^- \to \pi^+\pi^-\rho^+\rho^- \bar{K}^* K^{*+} \bar{D}^{*-} \bar{D}^{*0}$	18130	1	25499
18132	$e^+e^- \to \bar{K}^0 K^+ D^- D^{*+} \bar{D}^{*-} D^{*0}$	18131	1	25500
18133	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ \eta \bar{D}^{*-} D^{*0}$	18132	1	25501
18134	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ K^0 \bar{K}^0 D^+$	18133	1	25502
18135	$e^+e^- \to \rho^-\rho^- \bar{K}^0 K^{*+} D^{*+} D^{*+} D_s^{*-}$	18134	1	25503
18136	$e^+e^- \to \tau^+\nu_\tau \rho^+ \omega \bar{D}^{*-} \bar{D}^{*-} \gamma$	18135	1	25504
18137	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+ \omega K^+ K^- D^+ \bar{D}^{*-}$	18136	1	25505
18138	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^- D^+ D^- D_s^{*-}$	18137	1	25506
18139	$e^+e^- \to e^-\bar{\nu}_e \pi^- \eta K^+ D^+ \bar{D}^0$	18138	1	25507
18140	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^- \eta K^* \bar{K}^* K^+ D^{*+}$	18139	1	25508
18141	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+ \eta D^+ D^- D^0 D_s^-$	18140	1	25509
18142	$e^+e^- \to \rho^0\pi^+\rho^- \omega\omega D^+ D^- \Lambda\bar{\Sigma}^0$	18141	1	25510
18143	$e^+e^- \to \rho^+ \bar{D}^{*-} D_2^{*+} D_s^{*-}$	18142	1	25511
18144	$e^+e^- \to D^+ D^{*+} D_s^{*-} \Delta^- \bar{n}$	18143	1	25512

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18145	$e^+e^- \to \rho^- \bar{K}^0 K^+ D^- D^{*+} D^{*+} \bar{D}^{*-}$	18144	1	25513
18146	$e^+e^- \to \rho^0 \pi^+ \bar{D}^{*-} D_s^{*-} D_1^+$	18145	1	25514
18147	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^+ \eta K^0 \bar{K}^* D^+ \bar{D}^{*-}$	18146	1	25515
18148	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \omega D^- D^-$	18147	1	25516
18149	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ D^- \bar{D}^{*-} p \bar{p}$	18148	1	25517
18150	$e^+e^- \to \rho^- \omega K^+ D^{*+} \bar{D}^{*0} \Delta^+ \bar{\Delta}^{++}$	18149	1	25518
18151	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ K^- D^- D^0 \bar{D}^{*0}$	2567	1	25519
18152	$e^+e^- \to \mu^- \bar{\nu}_\mu \bar{K}^0 K^- \bar{D}^0 D_s^{*+} D_1^+$	18151	1	25520
18153	$e^+e^- \to D^+ \bar{D}^{*-} n \bar{p} a_1^+$	18152	1	25521
18154	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- K^{*-} D^- D^{*+}$	18153	1	25522
18155	$e^+e^- \to \pi^+ \pi^- \rho^- \bar{K}^0 D^{*+} \Delta^0 \bar{\Xi}_c^{*0}$	18154	1	25523
18156	$e^+e^- \to \pi^0 \pi^+ \pi^- \bar{D}^{*-} \bar{n} \Delta^0 p \bar{\Xi}_c^{\prime 0}$	18155	1	25524
18157	$e^+e^- \to \eta \omega \bar{K}^0 D_s^+ D_s^- \bar{\Sigma}^0 \Xi_c^0$	18156	1	25525
18158	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \pi^+ \pi^+ \rho^- \omega D^- \bar{D}^{*-}$	2568	1	25526
18159	$e^+e^- \to \pi^0 \rho^- \omega K^+ D^+ D^- D^0$	2569	1	25527
18160	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \eta \omega \bar{K}^0 \eta' D^+ D^-$	18159	1	25528
18161	$e^+e^- \to \pi^+ \eta \eta \omega D^0 \bar{D}^0 D_s^{*-}$	18160	1	25529
18162	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \eta K^0 D^{*+} D^{*+} \bar{D}^{*-}$	18161	1	25530
18163	$e^+e^- \to e^+ \nu_e \pi^+ \pi^- \rho^+ \eta \omega K^{*-} \bar{D}^{*-}$	18162	1	25531
18164	$e^+e^- \to \pi^0 \rho^- \rho^- K^+ K^- D^+ p \bar{\Sigma}_c^0$	18163	1	25532
18165	$e^+e^- \to \rho^0 \omega K^0 K^- D^+ D^{*+} a_1^-$	18164	1	25533
18166	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \rho^- D^+ D^0 \bar{D}^0 \bar{\Delta}^- \Delta^0$	18165	1	25534
18167	$e^+e^- \to \pi^- \rho^+ \rho^- \bar{K}^0 K^+ K^{*+} K^{*-} D^+ \bar{D}^{*-}$	18166	1	25535
18168	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- K^0 D^+ \bar{D}^{*-}$	18167	1	25536
18169	$e^+e^- \to \rho^0 \rho^- \omega D^- D^{*+} D_s^+$	18168	1	25537
18170	$e^+e^- \to \pi^0 \rho^- \omega D^{*+} J/\psi n \bar{\Lambda}$	18169	1	25538
18171	$e^+e^- \to \pi^- K^{*+} D^+ D_s^- J/\psi$	18170	1	25539
18172	$e^+e^- \to \pi^0 \pi^+ \bar{D}^{*-} \bar{D}^{*-} D_s^+ \gamma$	18171	1	25540
18173	$e^+e^- \to \mu^+ \nu_\mu X_u^- \pi^0 \pi^+ D^0 D_s^{*-}$	18172	1	25541
18174	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \pi^- \rho^+ D^- D_1^+$	18173	1	25542
18175	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \rho^+ \eta \eta \bar{K}^* D^-$	18174	1	25543
18176	$e^+e^- \to \pi^+ K^0 D^- D^- D^{*0} \bar{\Sigma}^0 \Sigma^+$	18175	1	25544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18177	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+K^+D^+\bar{D}^0D^{*0}$	18176	1	25545
18178	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}$	18177	1	25546
18179	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^*\bar{K}^*D^+\bar{D}^{*-}$	18178	1	25547
18180	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD_1^+D_1'^+$	18179	1	25548
18181	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^0$	18180	1	25549
18182	$e^+e^- \to e^+\nu_e\pi^0K^-D^-D_s^{*+}$	18181	1	25550
18183	$e^+e^- \to \pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}a_1^+\gamma$	18182	1	25551
18184	$e^+e^- \to \pi^+\pi^+\eta\bar{D}^{*-}D^0D_s^{*-}$	18183	1	25552
18185	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^-$	18184	1	25553
18186	$e^+e^- \to \pi^0\pi^0\pi^0\omega K^0K^*K^-K^{*-}D^+D^+$	18185	1	25554
18187	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+}$	18186	1	25555
18188	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*0}\bar{D}^{*0}\Sigma^0\bar{\Sigma}^{*0}$	18187	1	25556
18189	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^0D^0\bar{D}^0$	18188	1	25557
18190	$e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}p\bar{p}$	18189	1	25558
18191	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*-}D^+D^{*+}\bar{D}^0$	18190	1	25559
18192	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}$	18191	1	25560
18193	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+p\bar{p}D_1'^-$	18192	1	25561
18194	$e^+e^- \to \pi^0\pi^-\pi^-K^-K^{*+}D^{*+}\bar{D}^0D_s^{*+}$	18193	1	25562
18195	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\bar{D}^{*-}D^0D_s^+$	18194	1	25563
18196	$e^+e^- \to \pi^0\rho^-K^0K^+K^-D^-D^{*+}D^{*+}$	18195	1	25564
18197	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+D^0\Delta^0\bar{\Sigma}_c^{*0}$	18196	1	25565
18198	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\rho^+D^-D_1^+$	18197	1	25566
18199	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^-D^-\bar{n}p$	18198	1	25567
18200	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-D^+D_1^-$	18199	1	25568
18201	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^0\bar{K}^*D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	18200	1	25569
18202	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{\Delta}^+\Sigma_c^{*++}$	18201	1	25570
18203	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*0}$	18202	1	25571
18204	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta D^-D^{*0}$	18203	1	25572
18205	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^0D^{*+}\eta_c\Sigma^-\bar{\Lambda}$	18204	1	25573
18206	$e^+e^- \to e^+\nu_e\pi^+K^-D^-D_s^-D_s^{*+}$	18205	1	25574
18207	$e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	18206	1	25575
18208	$e^+e^- \to \pi^-\pi^-\rho^+D^+D^-D_s^{*+}$	18207	1	25576

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18209	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+K^0D^-\bar{D}^{*-}\bar{p}\Lambda$	18208	1	25577
18210	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	18209	1	25578
18211	$e^+e^- \to \pi^-\eta\eta K^*D^+D^{*0}\bar{D}^{*0}$	18210	1	25579
18212	$e^+e^- \to \rho^0\rho^-K^*D^+D_s^+D_s^-$	18211	1	25580
18213	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^0D^+D^-D^{*+}$	18212	1	25581
18214	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+}$	18213	1	25582
18215	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^+D^-$	18214	1	25583
18216	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^{*+}D^+D^-$	18215	1	25584
18217	$e^+e^- \to \rho^0\rho^+\eta K^-D^-D_s^+\eta_c$	18216	1	25585
18218	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0K^*D^-D^{*+}$	18217	1	25586
18219	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta'D^+\bar{D}^{*-}$	18218	1	25587
18220	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}$	18219	1	25588
18221	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^-\bar{n}p$	18220	1	25589
18222	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}p\bar{\Sigma}_c^{*0}$	18221	1	25590
18223	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+D^+D_2^{*-}$	18222	1	25591
18224	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0$	18223	1	25592
18225	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^0\pi^+\pi^+\pi^-D^-$	18224	1	25593
18226	$e^+e^- \to \pi^0\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}a_1^+$	18225	1	25594
18227	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+D^{*+}\Sigma^+\bar{\Sigma}^-$	18226	1	25595
18228	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\omega D^0D_1'^-$	18227	1	25596
18229	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta D^{*+}\bar{\Delta}^0\Sigma_c^0$	2570	1	25597
18230	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0$	18229	1	25598
18231	$e^+e^- \to \pi^0\pi^0\pi^0\omega K^0D^+\bar{D}^{*-}D^0$	18230	1	25599
18232	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D_1'^+$	18231	1	25600
18233	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^-\bar{D}^{*-}\eta_c$	18232	1	25601
18234	$e^+e^- \to \rho^0\rho^+\rho^-\bar{D}^{*-}D_1^+\gamma$	18233	1	25602
18235	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^-\bar{n}p$	18234	1	25603
18236	$e^+e^- \to \rho^+D_2^{*-}D^0D_s^{*+}D_s^{*-}$	18235	1	25604
18237	$e^+e^- \to \pi^-\phi D^+\bar{D}^{*-}D_s^{*+}$	18236	1	25605
18238	$e^+e^- \to \pi^0\rho^0\rho^+\eta D^-\bar{D}^{*-}D_{s1}'^+$	18237	1	25606
18239	$e^+e^- \to \rho^0\rho^+\rho^-D^-\bar{\Delta}^+\Sigma_c^{++}$	18238	1	25607
18240	$e^+e^- \to e^-\bar{\nu}_eX_u^+D_2^{*-}D_s^+$	18239	1	25608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18241	$e^+e^- \to D^-D^0\bar{n}\Delta^0 D_{s1}'^+$	18240	1	25609
18242	$e^+e^- \to \pi^0\pi^-\omega D^+D^-D_s^{*+}$	18241	1	25610
18243	$e^+e^- \to \pi^+\omega D^+D^-n\bar{p}$	18242	1	25611
18244	$e^+e^- \to K^0K^-D^{*+}\bar{D}^{*-}D_s^+$	18243	1	25612
18245	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}$	18244	1	25613
18246	$e^+e^- \to e^+\nu_e\rho^0K^0K^-D^{*+}D_1'^-$	18245	1	25614
18247	$e^+e^- \to \rho^0\pi^-\rho^+\omega D^-D^{*+}\gamma$	18246	1	25615
18248	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*-}$	2571	1	25616
18249	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^-D^{*+}D_s^+$	18248	1	25617
18250	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0D_s^+$	18249	1	25618
18251	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D_1'^+$	18250	1	25619
18252	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0\bar{\Lambda}\Sigma_c^0$	18251	1	25620
18253	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^-D^+D^{*+}\bar{D}^{*0}$	18252	1	25621
18254	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*0}D_s^+$	18253	1	25622
18255	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^0n\bar{n}$	18254	1	25623
18256	$e^+e^- \to \pi^+\rho^+\omega K^0K^0K^{*-}K^{*-}D^+D^-$	18255	1	25624
18257	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}$	18256	1	25625
18258	$e^+e^- \to \rho^+\rho^-K^0D^{*+}\bar{D}^0D_s^{*-}$	18257	1	25626
18259	$e^+e^- \to \pi^+K^0\bar{K}^*K^-K^-K^{*+}D^+D^-\bar{D}^{*0}$	18258	1	25627
18260	$e^+e^- \to \bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-}$	18259	1	25628
18261	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-D^{*0}$	18260	1	25629
18262	$e^+e^- \to \tau^+\nu_\tau D^+D^-D_s^{*-}\gamma$	18261	1	25630
18263	$e^+e^- \to \pi^0\rho^0K^+D^-D^{*+}D_s^{*-}$	18262	1	25631
18264	$e^+e^- \to \pi^-\bar{K}^0K^+D^+D^{*+}nn\bar{p}\bar{p}$	18263	1	25632
18265	$e^+e^- \to e^+\nu_eK^-D^+\bar{D}^{*0}D_1'^-$	18264	1	25633
18266	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	18265	1	25634
18267	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\bar{D}^0D^{*0}$	18266	1	25635
18268	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^-D^-\bar{D}^{*0}D_s^{*+}$	18267	1	25636
18269	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta K^0K^*\bar{D}^{*-}\eta_c$	2572	1	25637
18270	$e^+e^- \to \rho^0\rho^-\rho^-K^0D^+\bar{\Delta}^0\Sigma_c^+$	2573	1	25638
18271	$e^+e^- \to \rho^0\pi^-\omega K^0\eta'D^{*+}J/\psi$	18270	1	25639
18272	$e^+e^- \to e^+\nu_e\pi^+\eta\omega\omega\bar{D}^{*-}\bar{D}^{*-}$	18271	1	25640

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18273	$e^+e^- \to \rho^0\pi^-\rho^+D^+D^-p\bar{p}$	18272	1	25641
18274	$e^+e^- \to \pi^0\pi^+\eta K^*D^-D_s^{*+}D_s^{*-}$	18273	1	25642
18275	$e^+e^- \to D^-D_s^{*+}D_1^-a_1^+$	18274	1	25643
18276	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D^-D_s^{*+}$	18275	1	25644
18277	$e^+e^- \to \pi^0\rho^+\eta D^+D^-D_{s1}'^-$	18276	1	25645
18278	$e^+e^- \to \pi^0\pi^-\pi^-\bar{D}^0D_s^{*+}\bar{\Delta}^+\Sigma_c^{++}$	18277	1	25646
18279	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega K^+K^{*-}D^{*+}\bar{D}^{*-}$	18278	1	25647
18280	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\rho^-D^-D^{*+}$	18279	1	25648
18281	$e^+e^- \to D^-D^{*+}D_s^+D_s^-\gamma$	2574	1	25649
18282	$e^+e^- \to \rho^0\rho^+n\bar{p}\Sigma_c^0\bar{\Sigma}_c^0$	18281	1	25650
18283	$e^+e^- \to \mu^+\nu_\mu K^+K^-K^{*-}\eta'D^+D_1'^-$	18282	1	25651
18284	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega D^-D^{*+}\bar{n}p$	18283	1	25652
18285	$e^+e^- \to \pi^+\eta\bar{K}^0K^*K^-\bar{D}^{*-}D^0D_{s1}'^+$	18284	1	25653
18286	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^-D^{*+}\Delta^+\bar{\Sigma}^0$	18285	1	25654
18287	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta\eta\bar{K}^*D^+n\bar{n}$	18286	1	25655
18288	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0a_1^-$	18287	1	25656
18289	$e^+e^- \to \mu^+\nu_\mu K^0K^*\bar{K}^*\phi\bar{D}^{*-}$	18288	1	25657
18290	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D_s^{*-}D_1^+$	18289	1	25658
18291	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^+D^{*0}\bar{D}^{*0}$	18290	1	25659
18292	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}D_s^{*-}$	18291	1	25660
18293	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+n\bar{p}D_1'^+$	18292	1	25661
18294	$e^+e^- \to \rho^0\pi^+\rho^+K^{*-}\bar{D}^{*-}\eta_c$	2575	1	25662
18295	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}p\bar{p}$	18294	1	25663
18296	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^{*+}D_1'^-$	18295	1	25664
18297	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^*D^+D^-\bar{D}^{*-}$	18296	1	25665
18298	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^+D^+D^-$	18297	1	25666
18299	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}D^{*+}D_s^{*-}$	18298	1	25667
18300	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	18299	1	25668
18301	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0D^+D^-D_s^{*+}$	18300	1	25669
18302	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^-D^+D^+\bar{D}^{*0}$	18301	1	25670
18303	$e^+e^- \to \bar{K}^0D_s^{*+}D_1^-\psi'$	18302	1	25671
18304	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+}$	18303	1	25672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18305	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}D^0D_s^{*-}$	18304	1	25673
18306	$e^+e^- \to \rho^0\pi^-D^+D_2^{*+}D_s^{*-}\Delta^0\bar{\Delta}^0$	18305	1	25674
18307	$e^+e^- \to \rho^0\pi^+\pi^+\omega K^-D^-\chi_{c2}$	18306	1	25675
18308	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^+\bar{D}^{*-}n\bar{\Delta}^+$	18307	1	25676
18309	$e^+e^- \to \rho^0\eta\bar{K}^0D^-D^-D^{*+}\bar{n}p$	18308	1	25677
18310	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\eta K^0K^-D^+\bar{D}^{*-}$	18309	1	25678
18311	$e^+e^- \to e^+\nu_e\pi^-\rho^+K^0K^-D^{*+}D_1^-$	2576	1	25679
18312	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-K^*D^{*+}\chi_{c1}$	18311	1	25680
18313	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$	18312	1	25681
18314	$e^+e^- \to \pi^0\rho^0\pi^-\eta\omega D^{*+}\bar{D}^{*-}D_s^+$	18313	1	25682
18315	$e^+e^- \to \rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}J/\psi$	18314	1	25683
18316	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+}$	18315	1	25684
18317	$e^+e^- \to \pi^+\rho^+K^0K^-K^{*-}D^+D^-\bar{D}^{*0}$	18316	1	25685
18318	$e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^*D^+D^-D_2^{*+}$	18317	1	25686
18319	$e^+e^- \to \pi^0\eta K^0K^*K^-K^-D^+\bar{D}^0D_s^{*+}$	18318	1	25687
18320	$e^+e^- \to D^-D_s^+J/\psi\bar{K}_1^0$	18319	1	25688
18321	$e^+e^- \to e^-\bar{\nu}_e\eta'D^{*+}\bar{D}^{*-}D_s^{*+}$	18320	1	25689
18322	$e^+e^- \to \rho^0\pi^+\pi^+D^-\bar{D}^{*-}$	18321	1	25690
18323	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^0\bar{K}^0K^+K^{*-}D^-D^{*0}$	18322	1	25691
18324	$e^+e^- \to \pi^0\pi^0\eta\bar{K}^0D^+D_s^-\eta_c$	18323	1	25692
18325	$e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\omega\bar{D}^{*-}D^0$	18324	1	25693
18326	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^0\bar{D}^0D_s^{*+}$	18325	1	25694
18327	$e^+e^- \to e^+\nu_e\pi^0\eta\omega\bar{D}^{*-}\bar{\Sigma}^-\Xi_c^+$	18326	1	25695
18328	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	18327	1	25696
18329	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-\bar{K}^0K^+D^-D^{*+}$	18328	1	25697
18330	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}$	18329	1	25698
18331	$e^+e^- \to K^*D^-D^{*+}D^0p\bar{\Delta}^+$	18330	1	25699
18332	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}p\bar{\Xi}_c'^-$	18331	1	25700
18333	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-\bar{K}^0K^+D^+\bar{D}^{*-}\bar{\Sigma}^+\Lambda$	2577	1	25701
18334	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0p\bar{\Delta}^+$	18333	1	25702
18335	$e^+e^- \to \eta\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	18334	1	25703
18336	$e^+e^- \to \pi^0\pi^-\bar{D}^0D_s^{*+}\bar{n}\Sigma_c^0$	18335	1	25704

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18337	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0\eta' D^- D^{*0}\bar{D}^{*0}$	18336	1	25705
18338	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+ D^-$	18337	1	25706
18339	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^* K^- D^-\bar{D}^0 D^{*0}$	18338	1	25707
18340	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta K^0\bar{K}^0 K^* K^{*-} D^{*+}$	18339	1	25708
18341	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^- D_s^+$	18340	1	25709
18342	$e^+e^- \to \pi^0\pi^+\rho^- K^0 D^+\eta_c\Delta^-\bar{\Delta}^0$	2578	1	25710
18343	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+ K^+ K^{*-} D^{*+}\bar{D}^{*-}$	18342	1	25711
18344	$e^+e^- \to \rho^+\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	18343	1	25712
18345	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^- D^0$	18344	1	25713
18346	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+ D^-$	18345	1	25714
18347	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega D^{*0} n\bar{\Sigma}_c^{*0}$	18346	1	25715
18348	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0 D^+\bar{D}^{*-}$	18347	1	25716
18349	$e^+e^- \to \pi^0 K^0 D^+ D^0\bar{D}^0\Delta^0\bar{p}$	18348	1	25717
18350	$e^+e^- \to \pi^0\pi^+ K^0\bar{K}^0 D^{*+}\bar{D}^{*-} D_s^{*-}$	18349	1	25718
18351	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*-} D^0\bar{n}\bar{n}p\Lambda$	18350	1	25719
18352	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^+ D^-$	18351	1	25720
18353	$e^+e^- \to \bar{K}^0 K^* K^+ D^+ D^- D^-$	18352	1	25721
18354	$e^+e^- \to \pi^+\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-} a_1^-$	18353	1	25722
18355	$e^+e^- \to \pi^0\pi^+\pi^- D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^{++}$	18354	1	25723
18356	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^0 D^- D_s^{*+} D_s^{*-}$	18355	1	25724
18357	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^- D^+\bar{D}^{*-}$	18356	1	25725
18358	$e^+e^- \to \pi^0\pi^+\rho^+ D^-\bar{D}^{*-}$	18357	1	25726
18359	$e^+e^- \to \rho^- K^+ D^+ J/\psi D_{s0}^{*-}$	18358	1	25727
18360	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^* D^- J/\psi\bar{n}p$	18359	1	25728
18361	$e^+e^- \to \pi^+\rho^-\rho^- K^* K^- K^{*+} K^{*-} D^+ D^{*+}$	18360	1	25729
18362	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^+ D_s^-\Delta^+\bar{\Sigma}^{*0}$	18361	1	25730
18363	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+ D^+ D_s^{*-}$	18362	1	25731
18364	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^{*+}\bar{D}^{*-}\eta_c$	18363	1	25732
18365	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- D^{*+} D^{*0} n\bar{n}$	18364	1	25733
18366	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+ D^-\bar{D}^{*-}$	18365	1	25734
18367	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+ D^0 D_0^{*-}$	18366	1	25735
18368	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^- D^-\bar{\Delta}^- p$	18367	1	25736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18369	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+\bar{D}^{*0}$	18368	1	25737
18370	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+D^{*0}\bar{n}\Sigma^{*0}$	18369	1	25738
18371	$e^+e^- \to \pi^0\rho^0\rho^-K^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D^{*0}$	18370	1	25739
18372	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-D_2^{*+}\bar{D}^0$	18371	1	25740
18373	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0K^{*-}D^+D^-$	18372	1	25741
18374	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta D^+D^-D_s^{*-}p\bar{p}$	18373	1	25742
18375	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^0D^+\bar{D}^{*0}p\bar{p}$	18374	1	25743
18376	$e^+e^- \to \pi^0\omega\bar{K}^0K^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}n\bar{n}$	18375	1	25744
18377	$e^+e^- \to \mu^+\nu_\mu\tau^+\nu_\tau\bar{D}^{*-}D_2^{*-}$	18376	1	25745
18378	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^0\bar{D}^0$	18377	1	25746
18379	$e^+e^- \to \pi^0\pi^0\pi^-K^+K^-D^-D^{*+}D_s^+$	18378	1	25747
18380	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}\bar{D}^{*0}\bar{p}\Delta^+$	18379	1	25748
18381	$e^+e^- \to \pi^0\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	18380	1	25749
18382	$e^+e^- \to e^-\bar{\nu}_eK^0D^+\bar{D}^{*-}D_0^{*+}$	18381	1	25750
18383	$e^+e^- \to \pi^-\pi^-\rho^+\eta\omega D^+\Delta^+\bar{\Xi}_c^-$	18382	1	25751
18384	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}$	18383	1	25752
18385	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta D^+D_0^{*-}$	18384	1	25753
18386	$e^+e^- \to \rho^0\rho^-\bar{n}p\Sigma_c^0\bar{\Sigma}_c^0$	18385	1	25754
18387	$e^+e^- \to \rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^+$	18386	1	25755
18388	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^{*+}\bar{D}^0D_s^{*+}$	18387	1	25756
18389	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	18388	1	25757
18390	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D^{*+}\gamma$	18389	1	25758
18391	$e^+e^- \to \rho^0\eta\omega K^-D^+D^{*+}\bar{D}^{*-}\gamma$	18390	1	25759
18392	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\rho^-D^+\bar{D}^0D_s^{*+}$	18391	1	25760
18393	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0K^+K^+K^{*-}D^-D^0$	18392	1	25761
18394	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^+D^-$	18393	1	25762
18395	$e^+e^- \to \rho^0\pi^+\rho^-K^0K^-D^{*+}D^0$	18394	1	25763
18396	$e^+e^- \to K^-D^-D^{*+}\bar{D}^0D_s^{*+}$	18395	1	25764
18397	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	18396	1	25765
18398	$e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^{*+}D_{s1}^-$	18397	1	25766
18399	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-D^{*+}D_2^{*-}$	18398	1	25767
18400	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-}$	18399	1	25768

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18401	$e^+e^- \to \rho^0\rho^+K^-D^+D^-\Delta^0\bar{\Xi}_c^0$	18400	1	25769
18402	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^-D^{*+}$	18401	1	25770
18403	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}D^{*+}$	18402	1	25771
18404	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	18403	1	25772
18405	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{n}p$	18404	1	25773
18406	$e^+e^- \to \pi^+\rho^+\eta K^0K^{*-}\bar{D}^{*-}\bar{D}^{*-}a_1^+$	18405	1	25774
18407	$e^+e^- \to \pi^0\pi^0\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	18406	1	25775
18408	$e^+e^- \to \rho^0\pi^-\rho^-\eta D^+D^+$	18407	1	25776
18409	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^0K^{*-}D^+\bar{D}^{*-}$	18408	1	25777
18410	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}a_1^+$	18409	1	25778
18411	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\eta'D^{*+}\bar{D}^{*-}$	18410	1	25779
18412	$e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^0$	18411	1	25780
18413	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}D_2^{*+}$	18412	1	25781
18414	$e^+e^- \to \pi^+\pi^+\pi^-D^+\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{--}$	18413	1	25782
18415	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}\bar{n}p$	18414	1	25783
18416	$e^+e^- \to \mu^+\nu_\mu\eta D^+\bar{D}^{*-}n\bar{p}$	18415	1	25784
18417	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta\eta'D^-D^{*+}$	18416	1	25785
18418	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^+D^-n\bar{\Delta}^0$	18417	1	25786
18419	$e^+e^- \to e^+\nu_e\rho^0\pi^+K^{*-}J/\psi D_1^-$	18418	1	25787
18420	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-\eta\omega K^0\bar{D}^0$	18419	1	25788
18421	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{D}^{*-}D_2^{*+}\gamma$	18420	1	25789
18422	$e^+e^- \to \pi^0\pi^+K^0K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	18421	1	25790
18423	$e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^+D^-\gamma$	18422	1	25791
18424	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta K^0D^{*+}\bar{D}^{*-}D^{*0}$	18423	1	25792
18425	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-D_0^{*+}$	18424	1	25793
18426	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+K^*K^-D^{*+}\bar{D}^{*-}$	18425	1	25794
18427	$e^+e^- \to \pi^0\rho^0\rho^+\omega\omega K^0K^-D^+\bar{D}^{*-}$	18426	1	25795
18428	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	18427	1	25796
18429	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-\eta_c$	18428	1	25797
18430	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^*K^{*-}D^+D^-$	18429	1	25798
18431	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^{*+}D^{*+}\bar{D}^{*-}$	2579	1	25799
18432	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega K^*D^+\bar{D}^{*-}D^{*0}$	18431	1	25800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18433	$e^+e^- \to \rho^0\pi^+\omega D^- D^{*+} a_1^-$	18432	1	25801
18434	$e^+e^- \to \tau^+\nu_\tau\pi^+\omega D^- D_1'^-$	18433	1	25802
18435	$e^+e^- \to \rho^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0} a_1^+$	18434	1	25803
18436	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+ D^- \bar{D}^{*-}$	18435	1	25804
18437	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0 D^- \bar{D}^{*-} D^{*0} D_s^{*+}$	18436	1	25805
18438	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega D^- D^0$	18437	1	25806
18439	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	18438	1	25807
18440	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\rho^+ K^- D^- D_s^+$	18439	1	25808
18441	$e^+e^- \to \rho^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0} n\bar{n}$	18440	1	25809
18442	$e^+e^- \to \tau^+\nu_\tau K^+ D_2^{*-}\bar{p}\Xi_c'^0$	2580	1	25810
18443	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}_c'^-$	18442	1	25811
18444	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- D^{*+} n\bar{\Sigma}_c^-$	18443	1	25812
18445	$e^+e^- \to \rho^-\eta D^{*+} D_s^- D_1^+$	18444	1	25813
18446	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0 K^+ D^+ D^{*+}$	18445	1	25814
18447	$e^+e^- \to \pi^0\omega\bar{K}^* K^{*+} D^- D^- D_s^{*+}$	18446	1	25815
18448	$e^+e^- \to \pi^+\pi^-\rho^+ K^+ K^- D^- D^{*0}$	18447	1	25816
18449	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-} D_s^+ n\bar{p}$	18448	1	25817
18450	$e^+e^- \to e^+\nu_e\rho^+\rho^- K^* K^- D^+\bar{D}^{*-}$	18449	1	25818
18451	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega\bar{K}^* K^+ K^- K^{*+}\bar{D}^{*-}$	18450	1	25819
18452	$e^+e^- \to \pi^0\pi^+\omega\omega\bar{D}^{*-} D^0\Lambda\bar{\Sigma}^{*0}$	18451	1	25820
18453	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-} D_s^{*+}$	18452	1	25821
18454	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^- D^{*+}\bar{\Delta}^-\Delta^0$	18453	1	25822
18455	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}\bar{n}p$	18454	1	25823
18456	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^0\bar{K}^0 D^+ D^-$	18455	1	25824
18457	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-} p\bar{\Xi}_c'^0$	18456	1	25825
18458	$e^+e^- \to \rho^0\bar{K}^0 K^+ K^{*+} D^-\bar{D}^{*-}\bar{\Delta}^-\Sigma^{*-}$	2581	1	25826
18459	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	18458	1	25827
18460	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta K^0 D^+ D^{*+}\bar{D}^{*-}$	18459	1	25828
18461	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta K^{*+} K^{*-} D^{*+}\bar{D}^{*-}$	18460	1	25829
18462	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^- D_s^{*+} D_1^-$	18461	1	25830
18463	$e^+e^- \to K^+ K^- D^- D^0\bar{\Lambda}\Lambda_c^+$	18462	1	25831
18464	$e^+e^- \to \pi^0\rho^+ K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^{*0} n\bar{n}$	18463	1	25832

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18465	$e^+e^- \to \rho^-\eta K^0 D^+ D^0 \bar{D}^{*0}$	18464	1	25833
18466	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta K^+ K^- K^{*+} D^+ D^+ \bar{D}^{*-}$	18465	1	25834
18467	$e^+e^- \to \rho^+ D^- D^0 n\bar{\Delta}^0$	18466	1	25835
18468	$e^+e^- \to \mu^+\nu_\mu\rho^0 K^0 K^- \phi D^{*+} D_2^{*-}$	18467	1	25836
18469	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^- K^* K^- D^+ D^-$	18468	1	25837
18470	$e^+e^- \to e^-\bar{\nu}_e\rho^+ K^* D^- D^{*+}$	18469	1	25838
18471	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\bar{K}^0\bar{K}^0 K^{*+} D^+ D^+$	18470	1	25839
18472	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 K^0\chi_{c0} D_1'^+$	18471	1	25840
18473	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+ K^- D^- D^- D^{*+}$	18472	1	25841
18474	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-} D_{s1}'^+$	18473	1	25842
18475	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\bar{K}^0 K^+ D^- D^-$	18474	1	25843
18476	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^{*+} n\bar{\Lambda}_c^-$	18475	1	25844
18477	$e^+e^- \to K^0\bar{K}^0\bar{K}^0 D^{*+} D^{*+}\bar{D}^{*-} D_s^-$	18476	1	25845
18478	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\eta D^- D^0$	18477	1	25846
18479	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^+\Lambda\bar{\Sigma}_c^0$	18478	1	25847
18480	$e^+e^- \to \pi^+\pi^- D^+\bar{D}^{*-} D_s^{*+} D_s^{*-}$	2582	1	25848
18481	$e^+e^- \to \pi^+\eta K^0 D^- D^0 D^{*0}\Delta^0\bar{\Delta}^0$	18480	1	25849
18482	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^+ D^- D_s^{*+}$	18481	1	25850
18483	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-} D^{*0} D_s^-$	18482	1	25851
18484	$e^+e^- \to e^+\nu_e\pi^+\pi^- K^* K^- D^+ D^-$	18483	1	25852
18485	$e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^0 D^+ D^+\bar{D}^{*-}$	18484	1	25853
18486	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta\eta\eta\omega D^-\bar{D}^{*-}$	18485	1	25854
18487	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	18486	1	25855
18488	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^+$	18487	1	25856
18489	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}\bar{D}^{*-}\bar{n}p$	18488	1	25857
18490	$e^+e^- \to \pi^+ K_S D^- J/\psi$	18489	1	25858
18491	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}$	18490	1	25859
18492	$e^+e^- \to K^0\bar{K}^* J/\psi\bar{K}_1^0\psi'$	18491	1	25860
18493	$e^+e^- \to D^{*+} D^{*+} D_s^{*-} D_{s0}^{*-}$	18492	1	25861
18494	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^+\rho^-\rho^- D^- D_1^-$	18493	1	25862
18495	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega D^{*0}\bar{D}^{*0}$	18494	1	25863
18496	$e^+e^- \to \rho^+\eta D^- D_s^+\bar{n}\Sigma^-$	18495	1	25864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18497	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+}n\bar{\Delta}^0$	18496	1	25865
18498	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_2^{*-}D_s^+$	18497	1	25866
18499	$e^+e^- \to \pi^0\pi^+K^*K^-D^+D^-\eta_c$	18498	1	25867
18500	$e^+e^- \to \pi^0\pi^-D^+D^+D^-\bar{D}^{*0}$	18499	1	25868
18501	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^0\bar{K}^*D^+D^-$	18500	1	25869
18502	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-}$	18501	1	25870
18503	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\bar{K}^0K^-D^+D^0\bar{D}^{*0}$	18502	1	25871
18504	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\omega K^0K^0\bar{K}^0D^{*+}D^0\bar{D}^0$	18503	1	25872
18505	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^+D^+\eta_c$	18504	1	25873
18506	$e^+e^- \to \pi^+\rho^+\eta\eta\eta\bar{D}^{*-}D^{*0}\bar{p}\Lambda$	18505	1	25874
18507	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-D^+D^-$	18506	1	25875
18508	$e^+e^- \to e^-\bar{\nu}_eK^+D^+\bar{p}\Omega_c^0$	18507	1	25876
18509	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^+\bar{D}^{*-}$	18508	1	25877
18510	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^-D^{*0}\bar{n}p$	578	1	25878
18511	$e^+e^- \to e^+\nu_e\pi^0K^0K^+K^-K^{*-}D^+\bar{D}^{*-}$	18510	1	25879
18512	$e^+e^- \to K^0D^+D^+\bar{D}^{*-}n\bar{p}$	18511	1	25880
18513	$e^+e^- \to e^+\nu_e\pi^0n\bar{\Sigma}_c^{*0}D_1^-$	18512	1	25881
18514	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	18513	1	25882
18515	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^0D^+D^-D^{*+}$	18514	1	25883
18516	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D_2^{*+}D_s^{*-}$	18515	1	25884
18517	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\eta\eta\omega D^-\bar{D}^{*-}$	18516	1	25885
18518	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega D^-D^{*+}$	2584	1	25886
18519	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-D^{*+}D^0$	18518	1	25887
18520	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^+D^{*0}$	18519	1	25888
18521	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}D^{*0}$	18520	1	25889
18522	$e^+e^- \to \pi^0\rho^0\rho^-\omega K^{*+}D^{*+}\Sigma^{*0}\bar{\Sigma}_c^{*-}$	18521	1	25890
18523	$e^+e^- \to \rho^+K^-\eta'D^-D^{*+}\bar{D}^{*0}$	18522	1	25891
18524	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*D^+nn\bar{p}\bar{\Lambda}$	18523	1	25892
18525	$e^+e^- \to \pi^0\pi^+\pi^+D^-D^0D_s^{*-}$	2585	1	25893
18526	$e^+e^- \to \pi^0\pi^-D^{*+}D_2^{*-}D_s^{*+}$	18525	1	25894
18527	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-D^-D_s^{*-}D_1^+$	147	1	25895
18528	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\eta\omega\omega D^-D^{*+}$	18527	1	25896

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18529	$e^+e^- \to \pi^+\eta\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}\Sigma^0\bar{\Sigma}^0$	18528	1	25897
18530	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\eta D^{*+}D^0D_s^{*-}$	18529	1	25898
18531	$e^+e^- \to \tau^+\nu_\tau K^*K^-D^{*+}\bar{D}^{*-}$	18530	1	25899
18532	$e^+e^- \to e^+\nu_e X_u^-\bar{D}^{*-}D_{s1}'^+$	18531	1	25900
18533	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\omega D^+\bar{D}^{*-}$	18532	1	25901
18534	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^0D_s^{*+}$	18533	1	25902
18535	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\omega D^{*+}\bar{D}^{*-}$	18534	1	25903
18536	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^+K^+D^-J/\psi$	18535	1	25904
18537	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\omega K^0\bar{K}^*D^+D^-$	18536	1	25905
18538	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^0D_{s1}'^+$	18537	1	25906
18539	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^+D^-\bar{n}p$	2587	1	25907
18540	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^*K^+K^{*-}D^-\bar{D}^0$	18539	1	25908
18541	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*0}$	18540	1	25909
18542	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^{*-}p\bar{p}\bar{p}\Delta^+$	18541	1	25910
18543	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}D^{*0}$	18542	1	25911
18544	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\eta D^-\Delta^+\bar{\Lambda}_c^-$	18543	1	25912
18545	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^+D^-$	18544	1	25913
18546	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\eta\eta K^0K^{*-}\bar{D}^{*-}D^0D_s^{*-}$	18545	1	25914
18547	$e^+e^- \to \tau^+\nu_\tau D^-D^{*+}\bar{D}^{*-}$	18546	1	25915
18548	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^-D^{*+}$	2588	1	25916
18549	$e^+e^- \to \rho^-\omega K^+K^-\eta' D^+D^-\bar{\Delta}^+\Delta^{++}$	18548	1	25917
18550	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\eta K^0K^-\eta' D^+D^{*0}$	18549	1	25918
18551	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega D^{*+}D^{*0}D_s^-$	18550	1	25919
18552	$e^+e^- \to \pi^0\rho^0\rho^-K^0D^+\bar{D}^{*0}$	18551	1	25920
18553	$e^+e^- \to \bar{K}^*K^+\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma^+$	18552	1	25921
18554	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^*D^-$	18553	1	25922
18555	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^*D^{*+}J/\psi$	18554	1	25923
18556	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^-D^{*+}D_s^+$	18555	1	25924
18557	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0K^0\psi'$	18556	1	25925
18558	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D_2^{*-}D^{*0}D_s^+$	18557	1	25926
18559	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+\bar{n}\Xi_c'^0$	18558	1	25927
18560	$e^+e^- \to \rho^-\bar{D}^{*-}\bar{n}p\bar{\Delta}^+\Sigma_c^{++}$	18559	1	25928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18561	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}$	18560	1	25929
18562	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}J/\psi$	18561	1	25930
18563	$e^+e^- \to e^+\nu_e K^+ D^- D^{*0} D_1^-$	18562	1	25931
18564	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^- D^+ D^+ D_s^-$	18563	1	25932
18565	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^- D^+ D^-$	18564	1	25933
18566	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-}$	18565	1	25934
18567	$e^+e^- \to \bar{K}^* K^+ K^- D^- D^{*+} D^{*0}$	18566	1	25935
18568	$e^+e^- \to \pi^+\omega\bar{K}^0 K^* K^{*-} D_2^{*+} D_s^-$	18567	1	25936
18569	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\eta\omega D^+\bar{D}^{*-}\gamma$	18568	1	25937
18570	$e^+e^- \to \pi^+\pi^-\rho^- K^0 D^+ n\bar{p}\Delta^+\bar{\Sigma}_c^0$	18569	1	25938
18571	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}p\bar{p}$	18570	1	25939
18572	$e^+e^- \to \rho^0\rho^+\eta\bar{D}^{*-}J/\psi$	18571	1	25940
18573	$e^+e^- \to \pi^-\rho^- D^{*+}\bar{D}^0 D_s^{*+}$	18572	1	25941
18574	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^- D^- \bar{p}\Sigma_c^{*++}$	18573	1	25942
18575	$e^+e^- \to \rho^- K^{*-} D^{*+}\bar{D}^{*0}p\bar{\Sigma}_c^0$	18574	1	25943
18576	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^+ D^- D_s^{*+}$	18575	1	25944
18577	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^+ K^- D^{*+}\bar{D}^{*-}$	18576	1	25945
18578	$e^+e^- \to \pi^0\pi^-\bar{K}^0 K^{*+} D^+ D^+\bar{D}^{*-}n\bar{p}$	18577	1	25946
18579	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0 D^-\eta_c$	18578	1	25947
18580	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^+ D_1^-$	18579	1	25948
18581	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+ K^0 D^- D^{*+}$	18580	1	25949
18582	$e^+e^- \to D^+\bar{D}^{*-}a_1^- D_{s1}'^+$	18581	1	25950
18583	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}\gamma$	18582	1	25951
18584	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\omega D^- D^{*+}$	18583	1	25952
18585	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta' D^-\Delta^+\bar{\Sigma}_c^-$	18584	1	25953
18586	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0 D_2^{*+} J/\psi$	18585	1	25954
18587	$e^+e^- \to \pi^+\pi^-\rho^+ K^* K^- D^+ D^-$	18586	1	25955
18588	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- D^+\bar{D}^{*0}n\bar{\Delta}^+$	18587	1	25956
18589	$e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0 K^- K^{*+} D^{*+} D^{*0}$	18588	1	25957
18590	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^-\bar{K}^* K^+ D^{*+} D_1'^-$	18589	1	25958
18591	$e^+e^- \to \pi^0\pi^0\pi^+\eta'\bar{D}^{*-}\bar{n}\Sigma_c^{*0}$	18590	1	25959
18592	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\rho^-\rho^-\omega K^-\bar{D}^{*-}\bar{D}^0 D^{*0}$	18591	1	25960

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18593	$e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-}D_2^{*-}n\bar{n}$	18592	1	25961
18594	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^0\rho^0\pi^+\rho^-K^*\bar{D}^{*0}$	18593	1	25962
18595	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*0}a_1^+$	18594	1	25963
18596	$e^+e^- \to \eta\bar{K}^*K^{*+}K^{*-}D^-\bar{\Lambda}\Sigma_c^+$	18595	1	25964
18597	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^-D^{*+}$	18596	1	25965
18598	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+K^{*-}D^+D^{*+}n\bar{p}$	18597	1	25966
18599	$e^+e^- \to e^+\nu_e\pi^0D^+D_s^-D_1'^-$	18598	1	25967
18600	$e^+e^- \to \pi^+\eta\omega K^0\bar{K}^0\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	18599	1	25968
18601	$e^+e^- \to e^+\nu_e\pi^-\omega D^{*+}D_1'^-$	18600	1	25969
18602	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-}$	18601	1	25970
18603	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta D^+D^-$	18602	1	25971
18604	$e^+e^- \to \pi^+\omega\bar{K}^*K^-D^{*+}D^0D_s^-$	18603	1	25972
18605	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0\bar{K}^*K^{*+}\phi D_s^{*+}$	18604	1	25973
18606	$e^+e^- \to K^-D^{*+}\bar{D}^0D_s^-D_1^+\gamma$	18605	1	25974
18607	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega\omega D^-D^{*+}$	18606	1	25975
18608	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	18607	1	25976
18609	$e^+e^- \to \mu^+\nu_\mu K_S D^-J/\psi$	18608	1	25977
18610	$e^+e^- \to \pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_{s1}'^+$	18609	1	25978
18611	$e^+e^- \to \rho^0\pi^-\omega\omega K^{*-}D^{*+}\bar{\Sigma}^0\Sigma^+$	18610	1	25979
18612	$e^+e^- \to \omega\bar{K}^0K^-\bar{D}^{*0}D_s^+\bar{p}\Sigma_c^+$	18611	1	25980
18613	$e^+e^- \to \pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^0D_s^{*-}$	18612	1	25981
18614	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\omega\bar{D}^{*-}D^0\bar{p}\Delta^+$	18613	1	25982
18615	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^+\bar{D}^{*-}\gamma$	580	1	25983
18616	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta K^0\bar{K}^0D^{*+}D_1'^-$	18615	1	25984
18617	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^0$	18616	1	25985
18618	$e^+e^- \to \pi^0\pi^0K^{*+}D^+D^-D^0D_s^{*-}$	18617	1	25986
18619	$e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_s^{*-}\gamma$	18618	1	25987
18620	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau D^-D^-$	18619	1	25988
18621	$e^+e^- \to \pi^+\pi^-K^0K^0\bar{K}^*D^{*+}D_{s0}^{*-}$	18620	1	25989
18622	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^*K^{*-}D^+D^{*+}\bar{D}^0$	18621	1	25990
18623	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^-D^{*+}$	18622	1	25991
18624	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-D^+D^{*0}$	18623	1	25992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18625	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*0}$	18624	1	25993
18626	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+$	18625	1	25994
18627	$e^+e^- \to \rho^+\eta\omega\bar{K}^0K^+K^-\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+$	18626	1	25995
18628	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega D^+\bar{\Delta}^+\Sigma_c^{++}$	18627	1	25996
18629	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta' D^{*+}\bar{D}^{*-}$	18628	1	25997
18630	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^+D_s^-$	18629	1	25998
18631	$e^+e^- \to \pi^+K^0K^-D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	18630	1	25999
18632	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\bar{K}^0K^{*+}D^+D^{*+}$	18631	1	26000
18633	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0\bar{K}^*K^+D^-n\bar{\Delta}^+$	18632	1	26001
18634	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*0}$	18633	1	26002
18635	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}D_1^+$	18634	1	26003
18636	$e^+e^- \to \pi^0\pi^+K^+K^-K^{*+}\bar{D}^{*-}D^{*0}\bar{p}\Lambda$	18635	1	26004
18637	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	2590	1	26005
18638	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0K^*K^-D^{*+}$	18637	1	26006
18639	$e^+e^- \to \rho^+\omega\bar{n}\Delta^+\Sigma_c^0\bar{\Sigma}_c^{--}$	18638	1	26007
18640	$e^+e^- \to \rho^0\rho^0\eta\omega K^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	18639	1	26008
18641	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\omega\bar{K}^0K^+D^-D_0^{*+}$	18640	1	26009
18642	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+}D_s^-$	18641	1	26010
18643	$e^+e^- \to \rho^-\omega K^*D^+\bar{D}^{*0}\gamma$	18642	1	26011
18644	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-D^{*+}D_1'^-$	18643	1	26012
18645	$e^+e^- \to \pi^-D_2^{*+}\bar{D}^0D_s^-D_s^{*+}$	18644	1	26013
18646	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1^+$	18645	1	26014
18647	$e^+e^- \to \pi^+\pi^+\pi^-K^*D^+J/\psi\Delta^-\bar{\Delta}^+$	18646	1	26015
18648	$e^+e^- \to \rho^+\rho^-K^*K^-D^+D^-\bar{\Sigma}^0\Sigma^+$	18647	1	26016
18649	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+K^+K^-D^-D^{*+}$	18648	1	26017
18650	$e^+e^- \to \pi^0\omega K^0\bar{K}^0K^*D^+D^-D^0$	18649	1	26018
18651	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+D_s^{*+}D_1'^-$	18650	1	26019
18652	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	18651	1	26020
18653	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta\eta D^+D^-$	18652	1	26021
18654	$e^+e^- \to \pi^-\eta\bar{K}^*D^-D^{*+}D^{*+}$	18653	1	26022
18655	$e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}\bar{D}^0\Delta^-\bar{n}$	18654	1	26023
18656	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega K^0K^-D^{*+}\bar{D}^{*-}$	18655	1	26024

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18657	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-}$	18656	1	26025
18658	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\omega\bar{K}^0D^{*+}D^0$	18657	1	26026
18659	$e^+e^- \to \pi^0\pi^+\pi^+\eta D^-D^0D^{*0}D_s^-$	18658	1	26027
18660	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^0\bar{K}^0D^-D^{*+}$	18659	1	26028
18661	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^{*0}\Delta^0\bar{\Sigma}^+$	18660	1	26029
18662	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*0}n\bar{n}$	18661	1	26030
18663	$e^+e^- \to K^*\bar{K}^*K^-D^+D^+D^-$	18662	1	26031
18664	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^+D^-D^{*+}$	18663	1	26032
18665	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-K^*\bar{D}^{*-}\bar{D}^0$	18664	1	26033
18666	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^0D^{*+}J/\psi$	2591	1	26034
18667	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^-D^{*0}\Delta^0\bar{\Sigma}^+$	18666	1	26035
18668	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega D^{*+}D_2^{*-}D_s^{*+}$	18667	1	26036
18669	$e^+e^- \to \rho^+K^-D^+D^-\bar{D}^{*0}n\bar{n}$	18668	1	26037
18670	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+\Sigma^-\bar{\Sigma}^0\eta_c(2S)$	42	1	26038
18671	$e^+e^- \to \rho^0\rho^+D^+\bar{D}^{*-}\bar{D}^{*-}$	18670	1	26039
18672	$e^+e^- \to \pi^0\pi^-\rho^-K^+D^+\bar{D}^0p\bar{p}$	2593	1	26040
18673	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^-D^{*+}\Lambda\bar{\Lambda}$	18672	1	26041
18674	$e^+e^- \to e^+\nu_e\rho^0\pi^-D^+\bar{D}^{*-}\bar{p}\Delta^+$	18673	1	26042
18675	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	18674	1	26043
18676	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta D^+D^{*+}$	18675	1	26044
18677	$e^+e^- \to \pi^-\rho^+K^0\bar{D}^{*-}\bar{D}^0D^{*0}D_s^{*+}$	18676	1	26045
18678	$e^+e^- \to \bar{K}^*K^-D^+D_2^{*-}D_s^{*+}$	18677	1	26046
18679	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\bar{K}^0K^{*+}\bar{D}^{*-}D_1'^+$	18678	1	26047
18680	$e^+e^- \to \rho^-\bar{K}^0D^+D^{*+}\bar{D}^0\Delta^-\bar{\Delta}^0$	18679	1	26048
18681	$e^+e^- \to \pi^+\pi^+\pi^-\omega\eta'\bar{D}^{*-}\bar{p}\Lambda_c^+$	18680	1	26049
18682	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^-D^0D^{*0}$	2594	1	26050
18683	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^*\bar{K}^*K^-D^-D^{*+}$	2595	1	26051
18684	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega K^*K^-K^-K^{*+}K^{*+}D^+\bar{D}^0$	2596	1	26052
18685	$e^+e^- \to \rho^0\rho^+\omega D^-D^{*+}\Delta^-\bar{n}$	18684	1	26053
18686	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^*K^-D^{*+}\bar{D}^{*-}$	18685	1	26054
18687	$e^+e^- \to K^-D^+D^-\bar{\Delta}^+\Sigma_c^{++}\gamma$	18686	1	26055
18688	$e^+e^- \to \rho^-D^{*+}J/\psi K_1^0$	18687	1	26056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18689	$e^+e^- \to \pi^0\pi^0\pi^+K^{*+}K^{*-}D^-D^-D_s^+$	18688	1	26057
18690	$e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}\bar{n}\Sigma_c^0$	18689	1	26058
18691	$e^+e^- \to \pi^+\omega D^-D^0n\bar{\Delta}^0$	18690	1	26059
18692	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\omega\omega\bar{K}^0K^*D^+D^-$	18691	1	26060
18693	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\rho^-\omega K^0\bar{K}^0D^{*+}D^{*+}$	18692	1	26061
18694	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+D^-D^{*+}\gamma$	18693	1	26062
18695	$e^+e^- \to \pi^0D^+D^{*+}D_s^-D_{s0}^{*-}$	18694	1	26063
18696	$e^+e^- \to \pi^0\pi^+\bar{K}^*\bar{D}^{*-}D_s^+D_s^-$	18695	1	26064
18697	$e^+e^- \to \pi^0K^-\bar{D}^{*-}D_s^{*+}D_{s1}'^+$	18696	1	26065
18698	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^0$	18697	1	26066
18699	$e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}\bar{\Delta}^0p$	18698	1	26067
18700	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\rho^-\omega D^-D^{*0}$	18699	1	26068
18701	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+}$	18700	1	26069
18702	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\eta\omega\bar{D}^{*-}D^{*0}$	18701	1	26070
18703	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^*K^+K^{*-}\bar{D}^{*-}D_s^+$	18702	1	26071
18704	$e^+e^- \to \mu^+\nu_\mu D_2^{*+}D_s^{*-}D_1^-$	18703	1	26072
18705	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^*K^+K^-\bar{D}^{*-}\bar{D}^0$	18704	1	26073
18706	$e^+e^- \to \tau^+\nu_\tau\rho^0\omega\bar{K}^0\eta'\bar{D}^{*-}$	2597	1	26074
18707	$e^+e^- \to \pi^+\pi^-\pi^-K^*K^{*-}D^{*+}\bar{D}^0D_s^+$	2598	1	26075
18708	$e^+e^- \to \rho^0\pi^+\eta D^-D^{*+}\Delta^+\bar{\Delta}^{++}$	18707	1	26076
18709	$e^+e^- \to \pi^0\rho^0\pi^+K^{*-}D^-D^{*+}\bar{D}^0$	18708	1	26077
18710	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+D^{*+}\bar{D}^{*-}\gamma$	2599	1	26078
18711	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta K^*K^{*-}D^+D_2^{*-}$	18710	1	26079
18712	$e^+e^- \to \pi^+\rho^-\rho^-\omega\omega K^+K^+D^+D^-\bar{D}^{*-}$	18711	1	26080
18713	$e^+e^- \to \omega K_2^{*0}J/\psi\bar{p}\Lambda_c^+$	18712	1	26081
18714	$e^+e^- \to K^0\bar{K}^0D^0\bar{D}^{*0}D_s^-D_s^{*+}$	18713	1	26082
18715	$e^+e^- \to K^+D^-D^{*+}D^0a_1^-$	18714	1	26083
18716	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^{*-}D^{*0}$	18715	1	26084
18717	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	2600	1	26085
18718	$e^+e^- \to K^+D^{*+}D_s^{*-}\Delta^0\bar{\Sigma}_c^-$	18717	1	26086
18719	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	2601	1	26087
18720	$e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	18719	1	26088

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18721	$e^+e^- \to \pi^+\omega K^+ D^- \Lambda \bar{\Lambda}_c^-$	18720	1	26089
18722	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+ D^{*+}\bar{D}^{*-}D_s^{*-}$	18721	1	26090
18723	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega K^0\bar{K}^0 D^+ D^-$	18722	1	26091
18724	$e^+e^- \to \pi^-\pi^-\rho^- D^+\bar{D}^0 D_s^{*+}\bar{\Sigma}^0\Sigma^+$	18723	1	26092
18725	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^- K^- D^+\bar{D}^{*-}$	18724	1	26093
18726	$e^+e^- \to \pi^0\pi^0\pi^0 K^0 K^- D^{*+}\bar{D}^{*-}D_s^{*+}$	2602	1	26094
18727	$e^+e^- \to \pi^0\pi^0 K^0 D^+ a_1^-\eta_c(2S)$	18726	1	26095
18728	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi$	18727	1	26096
18729	$e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^0 D_{s1}'^+$	18728	1	26097
18730	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	18729	1	26098
18731	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-\bar{D}^0$	18730	1	26099
18732	$e^+e^- \to K^- K^- D^{*+} D^{*+}\bar{D}^0$	18731	1	26100
18733	$e^+e^- \to \rho^0\rho^0\rho^+ K^* K^-\phi D^{*+}\bar{D}^{*-}$	18732	1	26101
18734	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-\omega\eta' D^+ D_1^+$	18733	1	26102
18735	$e^+e^- \to \rho^- D_2^{*+} D_s^{*+} D_1'^-$	18734	1	26103
18736	$e^+e^- \to \pi^0\rho^0\pi^- K^0 D^- D^{*+} D^{*+}$	18735	1	26104
18737	$e^+e^- \to \pi^+\pi^- K^0 K^+ K^- D^- D^{*+} D^{*0}$	18736	1	26105
18738	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-} D^0 D_s^-$	18737	1	26106
18739	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^+ D_s^{*-} D_0^{*-}$	18738	1	26107
18740	$e^+e^- \to K_L\rho^+\eta' D_1'^-$	18739	1	26108
18741	$e^+e^- \to \pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-}D_s^-$	18740	1	26109
18742	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^{*-} D^0\bar{D}^0\bar{D}^{*0}$	18741	1	26110
18743	$e^+e^- \to \pi^0\pi^0\rho^0 K^0\bar{K}^0\bar{D}^0\bar{D}^0 D^{*0}$	18742	1	26111
18744	$e^+e^- \to \rho^0\rho^+\rho^-\rho^-\rho^- D^+\bar{n}\Xi_c^+$	18743	1	26112
18745	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^* K^+ D^- D^{*0}\bar{\Delta}^+\Sigma^{*+}$	18744	1	26113
18746	$e^+e^- \to \pi^0\pi^0\bar{K}^*\eta' D^+\Sigma^-\bar{\Sigma}^{*0}$	18745	1	26114
18747	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+ D^-$	18746	1	26115
18748	$e^+e^- \to \rho^0\pi^-\rho^+\omega K^{*-} D^0\bar{D}^0 D_s^{*+}$	18747	1	26116
18749	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^+\rho^-\rho^-\rho^- D^- D^{*+}$	2603	1	26117
18750	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^- K^{*-} D^{*+}\bar{D}^{*-}$	18749	1	26118
18751	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\eta_c$	18750	1	26119
18752	$e^+e^- \to \rho^-\omega\omega K^- D^+ D^{*+}\bar{D}^0$	18751	1	26120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18753	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^{*+}D^{*+}D^{*+}\bar{D}^{*-}$	18752	1	26121
18754	$e^+e^- \to e^+\nu_e\pi^+\eta K^*D^-D^-$	18753	1	26122
18755	$e^+e^- \to K^*D^-D_s^{*+}\bar{\Delta}^0\Omega_c^0$	18754	1	26123
18756	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+\bar{D}^{*-}a_1^+$	18755	1	26124
18757	$e^+e^- \to \eta\bar{K}^0D^-D_s^{*+}D_s^{*-}a_1^+$	18756	1	26125
18758	$e^+e^- \to \mu^+\nu_\mu\rho^0\eta K^*K^-\phi D^-D^{*+}$	18757	1	26126
18759	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\eta\eta\omega\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}$	18758	1	26127
18760	$e^+e^- \to \tau^+\nu_\tau K^*D^-J/\psi$	18759	1	26128
18761	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}\bar{\Delta}^+\Delta^{++}\gamma$	18760	1	26129
18762	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^{*+}D^-\bar{D}^{*-}D^0$	18761	1	26130
18763	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta K^-D^0D^{*0}$	18762	1	26131
18764	$e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^*K^+D^-D^{*+}$	18763	1	26132
18765	$e^+e^- \to \pi^+\rho^+\omega D^-D^0D_s^{*-}$	18764	1	26133
18766	$e^+e^- \to \mu^+\nu_\mu\rho^0K^0D^0\bar{D}^{*0}D_1^-$	18765	1	26134
18767	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\bar{K}^*D^+D^-\bar{D}^{*0}$	18766	1	26135
18768	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+D^-\bar{\Delta}^+\Sigma_c^+$	18767	1	26136
18769	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0K^-D^+D^-$	18768	1	26137
18770	$e^+e^- \to \rho^+K^0D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-}$	2604	1	26138
18771	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^-K^{*+}\phi D^+D^-$	18770	1	26139
18772	$e^+e^- \to \pi^0\pi^0\rho^+\omega D^+\bar{D}^{*-}D_s^{*-}$	2605	1	26140
18773	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^0\pi^-D^+\bar{D}^{*-}$	18772	1	26141
18774	$e^+e^- \to \pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+}$	18773	1	26142
18775	$e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	18774	1	26143
18776	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^-D^{*+}D^0$	18775	1	26144
18777	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*0}$	18776	1	26145
18778	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+\bar{D}^{*-}a_1^+$	2606	1	26146
18779	$e^+e^- \to \pi^0\pi^0\pi^0\eta\bar{K}^0K^{*+}D^+D^-n\bar{p}$	18778	1	26147
18780	$e^+e^- \to e^+\nu_e\pi^+\rho^-K^0K^+K^-D^-$	2607	1	26148
18781	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^-D^{*+}D_s^{*+}$	18780	1	26149
18782	$e^+e^- \to \pi^-\omega\omega K^+D^+\bar{D}^{*-}D^0$	18781	1	26150
18783	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*0}n\bar{n}$	18782	1	26151
18784	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	18783	1	26152

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18785	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\rho^-D^{*+}D^0$	18784	1	26153
18786	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}$	18785	1	26154
18787	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta K^0D^{*+}n\bar{\Lambda}_c^-$	18786	1	26155
18788	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^0\bar{K}^0D^{*+}\eta_c$	18787	1	26156
18789	$e^+e^- \to \tau^+\nu_\tau\pi^0\eta K^*K^+K^-K^{*-}D^+\bar{D}^{*-}$	18788	1	26157
18790	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D_2^{*-}D^0$	18789	1	26158
18791	$e^+e^- \to e^-\bar{\nu}_e\pi^0\phi D^+\bar{D}^{*-}D_s^{*+}$	18790	1	26159
18792	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0\phi D^+D^+$	18791	1	26160
18793	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta\eta K^0\bar{K}^0D^-D^{*+}$	18792	1	26161
18794	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}\bar{\Delta}^0\Sigma^{*-}$	18793	1	26162
18795	$e^+e^- \to \pi^+\rho^+\rho^-\eta\eta\omega\bar{K}^*K^-K^{*+}D^-D^{*0}$	18794	1	26163
18796	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}D_2^{*-}$	18795	1	26164
18797	$e^+e^- \to \rho^0\rho^-\omega K^{*+}D^-D^{*+}D^{*0}$	18796	1	26165
18798	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0K^-\phi D^{*+}D^0p\bar{\Delta}^+$	18797	1	26166
18799	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}$	18798	1	26167
18800	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\eta K^*K^{*-}D^+D^-$	18799	1	26168
18801	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^0K^*K^*K^-D^+\bar{D}^{*-}$	18800	1	26169
18802	$e^+e^- \to \rho^0\pi^+\bar{K}^*D^-\bar{D}^0D^{*0}p\bar{\Delta}^+$	18801	1	26170
18803	$e^+e^- \to \pi^0\pi^+\eta\eta D^+D^-\Delta^0\bar{p}$	18802	1	26171
18804	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^*D^+\bar{D}^{*-}$	18803	1	26172
18805	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^-D^+\bar{D}^{*-}$	18804	1	26173
18806	$e^+e^- \to \pi^+\rho^-\omega D^-D_2^{*+}$	18805	1	26174
18807	$e^+e^- \to \omega K^*\bar{K}^*D^+\bar{D}^{*-}\eta_c$	18806	1	26175
18808	$e^+e^- \to K_S\bar{K}^*D^{*+}\bar{D}^{*-}J/\psi$	18807	1	26176
18809	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	18808	1	26177
18810	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+K^-\eta'\bar{D}^{*0}D_1^+$	18809	1	26178
18811	$e^+e^- \to D^+D_s^+\Delta^-\bar{n}D_1^-$	18810	1	26179
18812	$e^+e^- \to K_LK^{*+}\Delta^+\bar{\Sigma}_c^{--}\psi'$	18811	1	26180
18813	$e^+e^- \to e^+\nu_eX_u^-\pi^0\eta\bar{D}^{*-}\bar{n}p$	18812	1	26181
18814	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*D^-D^{*+}D^0$	18813	1	26182
18815	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^+D^-D_s^-$	18814	1	26183
18816	$e^+e^- \to \tau^+\nu_\tau\rho^-D^-D_1^+$	18815	1	26184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18817	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^-D^{*+}$	18816	1	26185
18818	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	18817	1	26186
18819	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^{*+}\bar{D}^{*-}$	18818	1	26187
18820	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+\phi D^-D^{*+}$	18819	1	26188
18821	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\eta D^+D^{*+}$	18820	1	26189
18822	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}$	18821	1	26190
18823	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-K^*D^-\Delta^{++}\bar{\Delta}^{++}\Sigma^-\bar{\Lambda}$	18822	1	26191
18824	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}$	18823	1	26192
18825	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0K^0\bar{K}^0D^-D_1'^+$	18824	1	26193
18826	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0\pi^-D^{*+}\bar{D}^{*0}$	18825	1	26194
18827	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{n}\Sigma_c^{*0}$	18826	1	26195
18828	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega D^-\bar{D}^{*-}$	18827	1	26196
18829	$e^+e^- \to \pi^0D^-D_s^{*+}\bar{p}\Xi_c^+$	18828	1	26197
18830	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^+D^-$	18829	1	26198
18831	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0\phi D^+\bar{D}^{*0}$	18830	1	26199
18832	$e^+e^- \to \pi^0\rho^+\rho^-\eta D^-D_2^{*+}$	18831	1	26200
18833	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+D^-$	18832	1	26201
18834	$e^+e^- \to \rho^0\pi^+\pi^-D^-D^0p\bar{p}D_{s1}'^+$	18833	1	26202
18835	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega K^+K^-D^-D^-$	18834	1	26203
18836	$e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	18835	1	26204
18837	$e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0K^*K^{*+}K^{*-}D^+\bar{D}^{*-}$	18836	1	26205
18838	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}$	18837	1	26206
18839	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\omega D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	2608	1	26207
18840	$e^+e^- \to \pi^-D^0\bar{D}^0D_s^{*+}\bar{\Sigma}^0\Sigma^{*0}$	18839	1	26208
18841	$e^+e^- \to \bar{K}^0D_s^+\bar{\Lambda}\Sigma_c^0D_1'^-$	18840	1	26209
18842	$e^+e^- \to e^+\nu_e\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	18841	1	26210
18843	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-$	18842	1	26211
18844	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega D^-D^{*+}$	18843	1	26212
18845	$e^+e^- \to \rho^+D^+D_2^{*-}D_s^{*-}$	18844	1	26213
18846	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^+D_s^+D_s^-$	18845	1	26214
18847	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta\bar{K}^0D^+\bar{D}^{*-}$	18846	1	26215
18848	$e^+e^- \to \rho^-\bar{D}^{*-}D_1'^+D_{s1}'^+$	18847	1	26216

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18849	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}$	18848	1	26217
18850	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^*K^*\bar{K}^*D^+p\bar{p}$	18849	1	26218
18851	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^+\pi^-D^-D_1^-$	18850	1	26219
18852	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}\gamma$	18851	1	26220
18853	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega\omega\omega K^*K^-D^+D^-$	18852	1	26221
18854	$e^+e^- \to \tau^+\nu_\tau K^*D^+D^-D^-$	18853	1	26222
18855	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-D^+D^-n\bar{p}$	18854	1	26223
18856	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^*K^-D^+\bar{D}^{*-}$	18855	1	26224
18857	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+D^{*+}p\bar{\Delta}^{++}$	18856	1	26225
18858	$e^+e^- \to \mu^+\nu_\mu\pi^-D^-\bar{\Delta}^+\Sigma_c^{++}$	18857	1	26226
18859	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D^{*0}D_{s0}^{*+}$	18858	1	26227
18860	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\omega D^+\bar{D}^{*-}$	18859	1	26228
18861	$e^+e^- \to \pi^-\rho^+K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	18860	1	26229
18862	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta K^0K^-D^0\bar{D}^0$	18861	1	26230
18863	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	18862	1	26231
18864	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^{*+}D_0^{*-}$	18863	1	26232
18865	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	582	1	26233
18866	$e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	18865	1	26234
18867	$e^+e^- \to \rho^0\rho^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+\gamma$	18866	1	26235
18868	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}n\bar{\Delta}^{++}$	2610	1	26236
18869	$e^+e^- \to \pi^-\bar{D}^{*-}D_s^{*+}\bar{n}\Lambda_c^+$	18868	1	26237
18870	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\gamma\gamma$	18869	1	26238
18871	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^0D^-D^0\bar{\Delta}^+\Sigma_c^{*+}$	2611	1	26239
18872	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*0}$	18871	1	26240
18873	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^0D_s^{*+}D_1^-$	2612	1	26241
18874	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^*K^{*+}D^+D^-$	18873	1	26242
18875	$e^+e^- \to K^-K^{*-}D^+D^+\bar{D}^0\bar{D}^{*0}$	18874	1	26243
18876	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*D^+D^-\bar{D}^{*-}$	18875	1	26244
18877	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+D^+D_s^-D_s^{*+}$	2613	1	26245
18878	$e^+e^- \to \pi^+K_SD^{*0}D_s^{*-}\chi_{c1}$	18877	1	26246
18879	$e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0\bar{K}^0K^+K^-D^-\bar{D}^{*-}D^0$	18878	1	26247
18880	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	2614	1	26248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18881	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^-D^{*+}$	18880	1	26249
18882	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*0}D_s^{*-}$	18881	1	26250
18883	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+}$	18882	1	26251
18884	$e^+e^- \to \pi^-\bar{K}^0K^+\eta_c\chi_{c1}$	18883	1	26252
18885	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{K}^0\bar{K}^0K^*K^+\bar{D}^{*-}D^0$	18884	1	26253
18886	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^0D_s^+D_1'^-$	18885	1	26254
18887	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\omega D^-D^{*+}$	18886	1	26255
18888	$e^+e^- \to \pi^0\rho^0\pi^-\omega\phi D^+D^-D_s^{*+}$	18887	1	26256
18889	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega D^0\bar{n}\Sigma_c^{*0}$	18888	1	26257
18890	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}$	18889	1	26258
18891	$e^+e^- \to K_S\bar{K}^0D^+\bar{D}^{*-}\chi_{c0}$	18890	1	26259
18892	$e^+e^- \to \pi^0\rho^+\omega D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	18891	1	26260
18893	$e^+e^- \to e^+\nu_e\rho^0\rho^-D^{*+}D_1^-$	18892	1	26261
18894	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^-D^-D^{*+}D^{*+}$	18893	1	26262
18895	$e^+e^- \to \pi^+K^0K^-D^-D^{*+}\bar{D}^{*0}$	18894	1	26263
18896	$e^+e^- \to \pi^0\eta K^0K^0K^{*-}D^-D^{*+}D^{*+}$	18895	1	26264
18897	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*0}n\bar{\Lambda}_c^-$	18896	1	26265
18898	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta D^+D^{*+}\bar{\Delta}^-\Delta^-$	18897	1	26266
18899	$e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^*D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0}$	18898	1	26267
18900	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^{*+}\bar{D}^{*-}$	18899	1	26268
18901	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^0$	18900	1	26269
18902	$e^+e^- \to \pi^-D^+D^-D_s^-\bar{\Delta}^-p$	18901	1	26270
18903	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\eta\eta\omega K^0D^+\bar{D}^{*0}$	18902	1	26271
18904	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}$	18903	1	26272
18905	$e^+e^- \to \pi^0\pi^+K^{*-}D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*--}$	18904	1	26273
18906	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}n\bar{n}$	18905	1	26274
18907	$e^+e^- \to \pi^+\eta\omega D^-D^-\bar{n}p$	18906	1	26275
18908	$e^+e^- \to \pi^-\pi^-K^+D^{*+}\bar{D}^{*-}\bar{n}\Sigma_c^+$	18907	1	26276
18909	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-D^+D^-\bar{D}^{*-}$	18908	1	26277
18910	$e^+e^- \to \pi^0\pi^0K^0D^+D^{*+}D_s^{*-}\bar{\Sigma}^-\Xi^0$	18909	1	26278
18911	$e^+e^- \to e^+\nu_e\eta\omega\omega\eta'\bar{D}^{*-}D^{*0}$	18910	1	26279
18912	$e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	18911	1	26280

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18913	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^-D^{*+}$	18912	1	26281
18914	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\rho^-\bar{K}^*D_1^+$	18913	1	26282
18915	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-}$	18914	1	26283
18916	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_1'^-$	18915	1	26284
18917	$e^+e^- \to \pi^0D^+D^-D_s^+D_s^-$	18916	1	26285
18918	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^-D^{*+}$	18917	1	26286
18919	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega K^0K^-D^+D^{*+}n\bar{p}$	18918	1	26287
18920	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^0K^{*-}\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}$	18919	1	26288
18921	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^0\bar{D}^{*0}D_0^{*+}$	18920	1	26289
18922	$e^+e^- \to e^+e^+\nu_e\nu_e\eta D^-\bar{D}^{*-}$	18921	1	26290
18923	$e^+e^- \to \rho^0K^0D_2^{*+}D^0\bar{D}^{*0}D_s^-$	18922	1	26291
18924	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+}$	18923	1	26292
18925	$e^+e^- \to \pi^+D^-D_2^{*+}D_s^-$	18924	1	26293
18926	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+D^+\bar{D}^0n\bar{p}$	18925	1	26294
18927	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}$	18926	1	26295
18928	$e^+e^- \to \pi^0K^0\bar{K}^0K^+\bar{D}^0D^{*0}D^{*0}D_s^{*-}$	18927	1	26296
18929	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^-D_{s1}^+$	18928	1	26297
18930	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{--}$	18929	1	26298
18931	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n$	18930	1	26299
18932	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^*D^+D^-\bar{D}^{*-}$	18931	1	26300
18933	$e^+e^- \to \pi^0\pi^+\rho^+\eta K^0K^{*-}\bar{D}^{*-}D^{*0}n\bar{n}$	18932	1	26301
18934	$e^+e^- \to \pi^0\pi^-\omega K^*\bar{K}^*K^+D^+\bar{D}^{*-}D^{*0}$	18933	1	26302
18935	$e^+e^- \to \mu^+\nu_\mu\rho^0K^*K^-D^{*+}D_1^-$	18934	1	26303
18936	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+K^*K^-D^-D^-$	18935	1	26304
18937	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}D_{s1}'^-$	18936	1	26305
18938	$e^+e^- \to \tau^+\nu_\tau\pi^-D^+D_2^{*-}n\bar{\Delta}^0$	18937	1	26306
18939	$e^+e^- \to e^-\bar{\nu}_eK^+D^-D^{*+}\bar{n}\Lambda$	18938	1	26307
18940	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}D^0$	18939	1	26308
18941	$e^+e^- \to \omega D^-D^{*+}D_s^+n\bar{p}$	18940	1	26309
18942	$e^+e^- \to \pi^0\rho^-\omega D^-D^{*+}D_s^+$	18941	1	26310
18943	$e^+e^- \to \pi^0\pi^+\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	2615	1	26311
18944	$e^+e^- \to K^{*-}D^+D^+\bar{D}^{*0}D_s^-$	18943	1	26312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18945	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-\bar{K}^0D^{*+}D^{*+}\bar{D}^0$	18944	1	26313
18946	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}a_1^+$	18945	1	26314
18947	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta D^-D^{*+}a_1^+$	18946	1	26315
18948	$e^+e^- \to e^+\nu_e\pi^-\omega K^0\bar{K}^*D^+D^-$	18947	1	26316
18949	$e^+e^- \to \rho^0\pi^-\eta\eta\eta\omega K^*D^+$	18948	1	26317
18950	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^0\bar{K}^*D^+D^-$	2616	1	26318
18951	$e^+e^- \to \pi^0\pi^-\eta K^*D^{*+}\Sigma^0\bar{\Xi}_c^0$	18950	1	26319
18952	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\omega\eta'D^{*+}\bar{D}^{*-}$	18951	1	26320
18953	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^+D^-$	18952	1	26321
18954	$e^+e^- \to \rho^0\rho^+K^-D^0D_s^{*+}D_1'^-$	18953	1	26322
18955	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\omega K^0K^*\bar{D}^{*-}D_s^-$	18954	1	26323
18956	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^-K^{*+}D^+D^-D_s^+$	18955	1	26324
18957	$e^+e^- \to \pi^0\pi^0\omega D^+\bar{D}^0n\bar{p}$	18956	1	26325
18958	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*0}$	18957	1	26326
18959	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^+D^-\bar{D}^{*-}D_{s1}'^+$	18958	1	26327
18960	$e^+e^- \to \pi^0\pi^-\omega K^*\bar{K}^*K^{*-}D^+D^+\bar{D}^0$	18959	1	26328
18961	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}D^0$	18960	1	26329
18962	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}D_s^{*+}$	18961	1	26330
18963	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega K^0D^-D^0$	18962	1	26331
18964	$e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^*D^+\bar{D}^{*-}$	18963	1	26332
18965	$e^+e^- \to e^+\nu_e\rho^0\rho^+\bar{D}^{*-}\bar{D}^{*-}$	18964	1	26333
18966	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0D^+D^-\bar{D}^{*-}$	18965	1	26334
18967	$e^+e^- \to \pi^0\pi^-D^+D^-p\bar{p}a_1^+$	18966	1	26335
18968	$e^+e^- \to \rho^-\omega\omega D^+\bar{D}^{*-}D_{s1}'^+\gamma$	18967	1	26336
18969	$e^+e^- \to \rho^+\omega K^0\bar{K}^*K^{*-}D^-D_{s1}'^+$	18968	1	26337
18970	$e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*+}n\bar{p}$	18969	1	26338
18971	$e^+e^- \to K^0\bar{K}^0D^{*+}\bar{D}^0D_s^-\Delta^+\bar{\Sigma}^-$	18970	1	26339
18972	$e^+e^- \to \pi^+\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0}$	18971	1	26340
18973	$e^+e^- \to \eta\bar{K}^*K^+D^-\bar{\Delta}^0\Sigma_c^0$	18972	1	26341
18974	$e^+e^- \to \pi^+\bar{D}^{*-}D_s^{*+}p\bar{\Sigma}_c^{--}$	18973	1	26342
18975	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}$	18974	1	26343
18976	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	18975	1	26344

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
18977	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^{*-}D^-D^{*0}\bar{D}^{*0}$	2617	1	26345
18978	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\eta D^-D^-\Sigma^0\bar{\Sigma}^0$	18977	1	26346
18979	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^-D^+D^+p\bar{p}$	18978	1	26347
18980	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}$	18979	1	26348
18981	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0\bar{K}^*K^+K^{*-}D^+\bar{D}^{*0}n\bar{p}$	18980	1	26349
18982	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-K^+K^+K^-D^+$	18981	1	26350
18983	$e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	18982	1	26351
18984	$e^+e^- \to \pi^0\rho^0\rho^+K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}D^{*0}$	18983	1	26352
18985	$e^+e^- \to K_LD^{*+}D_s^{*-}J/\psi$	18984	1	26353
18986	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+}$	18985	1	26354
18987	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^-D^{*+}D^{*+}$	18986	1	26355
18988	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^-D^+\bar{D}^{*0}D_s^{*-}$	18987	1	26356
18989	$e^+e^- \to \bar{K}^*\phi\bar{D}^{*-}J/\psi\bar{n}p$	18988	1	26357
18990	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}$	583	1	26358
18991	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^{*+}D^0\bar{D}^0$	18990	1	26359
18992	$e^+e^- \to e^+\nu_e\pi^+D^-D_1'^-$	18991	1	26360
18993	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\eta D^{*+}D_2^{*-}$	18992	1	26361
18994	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta'D^{*+}\bar{D}^{*-}$	18993	1	26362
18995	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^0\bar{K}^0D^+\bar{D}^0$	18994	1	26363
18996	$e^+e^- \to D^-D^{*+}a_1^-D_{s1}'^+$	18995	1	26364
18997	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega K^+\bar{D}^{*-}D^{*0}$	18996	1	26365
18998	$e^+e^- \to e^+\nu_e\rho^-K^+D^-D^-D^{*+}$	18997	1	26366
18999	$e^+e^- \to K^-D^+\bar{D}^{*-}\Delta^{++}\Sigma^-\bar{\Lambda}\bar{\Sigma}^0$	18998	1	26367
19000	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega\omega D^-\bar{D}^{*-}$	18999	1	26368
19001	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+K^0K^{*-}D^+D_1^-$	19000	1	26369
19002	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^-D^{*+}p\bar{\Sigma}^0$	19001	1	26370
19003	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta K^+D^{*+}$	19002	1	26371
19004	$e^+e^- \to \pi^0\rho^0\pi^+K^0K^0K^-D^+D^-D^0$	19003	1	26372
19005	$e^+e^- \to \pi^0\bar{K}^*K^{*+}K^{*-}D^{*+}\bar{D}^0\bar{\Delta}^+\Sigma^0$	19004	1	26373
19006	$e^+e^- \to \pi^-\rho^-\bar{K}^0K^+K^+D^{*+}\bar{D}^{*-}D^0$	19005	1	26374
19007	$e^+e^- \to \pi^+\pi^-\eta K^0K^{*-}D^+J/\psi K_1^0$	19006	1	26375
19008	$e^+e^- \to \pi^+\rho^+\rho^-\eta D^-D^{*+}D_{s1}'^-$	19007	1	26376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19009	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}\chi_{c2}$	19008	1	26377
19010	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^-D^+D^+$	19009	1	26378
19011	$e^+e^- \to \pi^-K^0K^-D^{*+}\bar{D}^{*0}D_s^{*+}$	19010	1	26379
19012	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\pi^+\omega D^-D^{*+}$	19011	1	26380
19013	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-D_s^{*-}D_1^+$	19012	1	26381
19014	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-D^+D^-$	19013	1	26382
19015	$e^+e^- \to \pi^+\pi^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	19014	1	26383
19016	$e^+e^- \to \rho^0\pi^+\pi^+\eta\eta\eta K^+K^-D^-D^-$	19015	1	26384
19017	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^*K^{*-}D^+\bar{D}^{*0}$	19016	1	26385
19018	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^+D^{*+}\eta_c$	19017	1	26386
19019	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\bar{K}^*K^+D^-\bar{D}^{*0}$	2619	1	26387
19020	$e^+e^- \to \pi^-\eta\omega D^{*+}p\bar{\Sigma}_c^-$	19019	1	26388
19021	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^+D^{*+}D_s^-$	19020	1	26389
19022	$e^+e^- \to K^*D^+\bar{D}^0D_s^-$	19021	1	26390
19023	$e^+e^- \to D_2^{*+}D_s^{*-}J/\psi K_1^0\gamma$	19022	1	26391
19024	$e^+e^- \to e^+\nu_e\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	19023	1	26392
19025	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+\phi D^{*+}\bar{D}^{*-}D_s^-$	19024	1	26393
19026	$e^+e^- \to \pi^-D^+D_s^{*-}\Delta^+\bar{\Sigma}_c^0$	19025	1	26394
19027	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*\bar{D}^0D^{*0}D_0^{*+}$	19026	1	26395
19028	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+K^-\phi\bar{D}^{*-}\bar{D}^{*-}$	19027	1	26396
19029	$e^+e^- \to e^+\nu_eX_u^-\bar{K}^0D^-D^{*+}$	19028	1	26397
19030	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^-D_0^{*+}$	19029	1	26398
19031	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	19030	1	26399
19032	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+K^0D^-D^{*+}D^{*+}$	19031	1	26400
19033	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\omega\omega K^*D^+$	19032	1	26401
19034	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D_2^{*+}$	19033	1	26402
19035	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-K^0K^-D^-D^{*+}$	19034	1	26403
19036	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^{*-}D^-D^{*+}$	19035	1	26404
19037	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^*D^+D^0\bar{D}^0n\bar{n}$	19036	1	26405
19038	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^+\bar{D}^{*0}D_0^{*-}$	19037	1	26406
19039	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\bar{\Lambda}\Xi_c^0$	19038	1	26407
19040	$e^+e^- \to \bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	19039	1	26408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19041	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}$	19040	1	26409
19042	$e^+e^- \to e^+\nu_e\pi^0\rho^0 D^+\bar{D}^{*-}\Delta^0\bar{p}$	2620	1	26410
19043	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^+ D_1'^-$	19042	1	26411
19044	$e^+e^- \to \pi^0\pi^0\rho^0\eta\omega D_2^{*-} D^{*0} D_s^+$	19043	1	26412
19045	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^{*+}\bar{D}^{*-} D_s^{*-}$	19044	1	26413
19046	$e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-} D_s^-$	19045	1	26414
19047	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ K^0\bar{K}^0\bar{K}^0 D^+ D^-$	19046	1	26415
19048	$e^+e^- \to \pi^+\pi^-\omega D^- D^{*+}\bar{p}\Delta^+$	19047	1	26416
19049	$e^+e^- \to \rho^0\pi^-\rho^-\bar{K}^0 D^+ D^{*+}\bar{D}^{*0}$	19048	1	26417
19050	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}\bar{D}^0 D^{*0}$	19049	1	26418
19051	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^- D^{*+}$	19050	1	26419
19052	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^- D^+ pp\bar{\Delta}^{++}\bar{\Lambda}_c^-$	19051	1	26420
19053	$e^+e^- \to \pi^-\rho^-\rho^- K^+ D^+ D^{*+}$	19052	1	26421
19054	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^- K^{*+} D^- D^{*0} D_s^+$	19053	1	26422
19055	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Sigma}^+\Lambda D_1^-$	19054	1	26423
19056	$e^+e^- \to \mu^+\nu_\mu\bar{K}^* D^- D^- D^{*+}$	2621	1	26424
19057	$e^+e^- \to \pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^{*0}$	19056	1	26425
19058	$e^+e^- \to D^+\bar{D}^{*-}\bar{D}^{*-} D_s^+$	19057	1	26426
19059	$e^+e^- \to \pi^+ K^0 D^+ D^- D^{*0} D_{s0}^{*-}$	19058	1	26427
19060	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^- D^{*+} D_s^{*-}$	19059	1	26428
19061	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^0$	19060	1	26429
19062	$e^+e^- \to \pi^0\pi^+\pi^- K^0 D^+\bar{D}^0 n\bar{\Xi}_c'^-$	19061	1	26430
19063	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ D^+ D^0 D_s^{*-}$	19062	1	26431
19064	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega D^+ D_2^{*-}$	19063	1	26432
19065	$e^+e^- \to \pi^0\pi^0 K^0 K^- D^+ D^+ D_s^-$	19064	1	26433
19066	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	19065	1	26434
19067	$e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^0 K^+ D^- D^{*+}\bar{D}^{*0}$	19066	1	26435
19068	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^- D^+ D^+\bar{D}^{*0} D_s^-$	19067	1	26436
19069	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^-\eta D^{*+} D_1^-$	19068	1	26437
19070	$e^+e^- \to \tau^+\nu_\tau K^* D^{*0}\bar{D}^{*0} D_1'^-$	19069	1	26438
19071	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta\eta D^+ D^{*+}$	19070	1	26439
19072	$e^+e^- \to \pi^-\rho^+\eta\eta\omega\omega D^+ D^-$	19071	1	26440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19073	$e^+e^- \to \pi^0\rho^+K^*K^{*-}D^+D_1^-$	19072	1	26441
19074	$e^+e^- \to \mu^+\nu_\mu D^-D^0\bar{\Delta}^+\Sigma^{*+}$	19073	1	26442
19075	$e^+e^- \to \rho^0\pi^-\rho^-K^*\bar{K}^*D^{*+}\bar{D}^0D_s^+$	584	1	26443
19076	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^+D^0\bar{D}^0D_s^{*-}$	19075	1	26444
19077	$e^+e^- \to e^+\nu_e\pi^-\eta\eta'D^+D_0^{*-}$	19076	1	26445
19078	$e^+e^- \to \pi^+\bar{D}^{*-}D_s^+p\bar{p}D_1^-$	19077	1	26446
19079	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta K^*D^{*+}\bar{D}^{*0}$	19078	1	26447
19080	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D^{*0}$	19079	1	26448
19081	$e^+e^- \to \pi^0\pi^-\rho^-K^0D^+D^{*+}\bar{D}^{*0}p\bar{p}$	19080	1	26449
19082	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^-$	19081	1	26450
19083	$e^+e^- \to \mu^+\nu_\mu\omega D^-\bar{D}^{*-}D_s^+$	19082	1	26451
19084	$e^+e^- \to \rho^0\pi^+K^{*-}\eta'D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	19083	1	26452
19085	$e^+e^- \to \pi^0\rho^0K^*D^+D^-D^{*+}n\bar{p}$	19084	1	26453
19086	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*\bar{D}^0D^{*0}\bar{D}^{*0}$	2623	1	26454
19087	$e^+e^- \to \pi^0\pi^+\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	19086	1	26455
19088	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-}p\bar{\Delta}^+$	19087	1	26456
19089	$e^+e^- \to \bar{K}^0D^+D^-D_s^-D_1^+$	19088	1	26457
19090	$e^+e^- \to e^+\nu_e\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-$	19089	1	26458
19091	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0\bar{K}^*K^+D^0n\bar{p}$	19090	1	26459
19092	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	19091	1	26460
19093	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}D^0\bar{D}^0$	19092	1	26461
19094	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_s^{*-}a_1^+$	19093	1	26462
19095	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}n\bar{p}$	19094	1	26463
19096	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0K^{*-}\bar{D}^0\bar{D}^{*0}D_s^{*+}$	19095	1	26464
19097	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+}$	19096	1	26465
19098	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}$	19097	1	26466
19099	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^+K^-K^-D^{*+}\bar{D}^{*-}$	19098	1	26467
19100	$e^+e^- \to \pi^0\pi^+K^*D^0D_s^{*-}J/\psi$	19099	1	26468
19101	$e^+e^- \to \rho^+D^+\bar{D}^{*-}D_s^{*-}n\bar{n}$	19100	1	26469
19102	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^0\Delta^-\bar{\Delta}^0$	19101	1	26470
19103	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+D^{*+}\bar{D}^{*0}$	19102	1	26471
19104	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}$	19103	1	26472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19105	$e^+e^- \to \tau^+\nu_\tau\rho^+\eta\bar{D}^{*-}D_2^{*-}$	19104	1	26473
19106	$e^+e^- \to \tau^-\bar{\nu}_\tau K^-D^{*+}\bar{D}^{*0}a_1^+$	19105	1	26474
19107	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^*K^-D^+D_0^{*-}$	149	1	26475
19108	$e^+e^- \to D^-D^{*0}\bar{\Delta}^-\Delta^0\Delta^+\bar{\Delta}^+$	19107	1	26476
19109	$e^+e^- \to \pi^0\rho^-\omega D^-D^{*+}a_1^+$	19108	1	26477
19110	$e^+e^- \to e^+\nu_e\pi^-D_2^{*-}\bar{\Delta}^0\Lambda_c^+$	19109	1	26478
19111	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-K^*K^-D^+D^-$	19110	1	26479
19112	$e^+e^- \to e^-\bar{\nu}_eK^0D_s^+D_s^-D_1^+$	19111	1	26480
19113	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+D^-\Sigma^-\bar{\Sigma}^0D_0^{*+}$	19112	1	26481
19114	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-K^-\bar{D}^{*-}D^0$	19113	1	26482
19115	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^-\rho^+\bar{D}^0$	19114	1	26483
19116	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-D_0^{*+}$	19115	1	26484
19117	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^*K^-D^+\bar{D}^0$	19116	1	26485
19118	$e^+e^- \to \rho^+\rho^-K^+K^-\bar{D}^{*-}D_2^{*+}$	19117	1	26486
19119	$e^+e^- \to \rho^0\pi^-\eta D^+D^{*+}n\bar{p}$	19118	1	26487
19120	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^*K^+K^-\bar{D}^{*-}D^{*0}$	19119	1	26488
19121	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	19120	1	26489
19122	$e^+e^- \to \pi^-\eta\omega K^+K^+K^-D^{*+}\bar{D}^0D_s^{*-}$	19121	1	26490
19123	$e^+e^- \to \rho^0\pi^+\rho^-\eta'D^{*0}a_1^0$	19122	1	26491
19124	$e^+e^- \to \pi^0\pi^+D^+D^-D^0D_s^-$	19123	1	26492
19125	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^-D^{*+}$	19124	1	26493
19126	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta'p\bar{\Sigma}_c^-D_1'^+$	19125	1	26494
19127	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^{*+}D_s^{*-}$	19126	1	26495
19128	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+K^+D^0D_s^-D_1'^+$	19127	1	26496
19129	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^{*0}$	19128	1	26497
19130	$e^+e^- \to \pi^-\omega K^0K^+K^-\phi D^{*+}\chi_{c0}$	19129	1	26498
19131	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0$	19130	1	26499
19132	$e^+e^- \to \rho^+\rho^+K^{*+}K^{*-}D^-\Delta^0\bar{\Sigma}_c^-$	19131	1	26500
19133	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}\bar{D}^{*-}D_2^{*+}D^{*0}$	19132	1	26501
19134	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta K^+K^-D^{*+}\bar{D}^{*-}$	19133	1	26502
19135	$e^+e^- \to \pi^0\rho^0K^*K^*K^-D^+J/\psi$	19134	1	26503
19136	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^*D^{*+}D_2^{*-}\bar{D}^0$	19135	1	26504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19137	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^+\bar{D}^{*-}D^{*0}$	19136	1	26505
19138	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-D^+\bar{\Lambda}\Sigma^0D_1'^+$	19137	1	26506
19139	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^-D^+D^{*+}$	19138	1	26507
19140	$e^+e^- \to \pi^+\rho^-\rho^-\omega K^+D^{*+}\bar{D}^{*-}$	19139	1	26508
19141	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^0D^+D^0\bar{D}^0$	12	1	26509
19142	$e^+e^- \to \pi^-\eta D^+D^{*+}D_{s1}'^-$	19141	1	26510
19143	$e^+e^- \to e^+\nu_e\pi^-\omega K^*K^{*-}D^{*+}\bar{D}^{*0}$	19142	1	26511
19144	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^0\bar{K}^0K^+K^{*-}D^+D_s^{*-}$	19143	1	26512
19145	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D^{*+}a_1^-$	19144	1	26513
19146	$e^+e^- \to \pi^+\pi^+\rho^-\eta\omega\bar{\Delta}^+\Sigma_c^{*0}$	2626	1	26514
19147	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^+K^-\eta'\eta'D^+\bar{D}^0$	2627	1	26515
19148	$e^+e^- \to \pi^-\bar{D}^{*-}D_s^+\bar{\Sigma}^{*0}\Xi_c'^+$	19147	1	26516
19149	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega D^+\bar{D}^{*0}D_s^+$	19148	1	26517
19150	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^+K^-K^{*+}D^-$	19149	1	26518
19151	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*-}$	19150	1	26519
19152	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	19151	1	26520
19153	$e^+e^- \to \rho^0\pi^+\eta\omega K^0\bar{K}^0K^-\Delta^+\bar{\Xi}_c'^-$	19152	1	26521
19154	$e^+e^- \to \pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*0}\bar{p}\Delta^+$	19153	1	26522
19155	$e^+e^- \to \pi^0\pi^-D^-D_s^{*+}\bar{\Delta}^+\Sigma_c^{++}$	19154	1	26523
19156	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{D}^0D^{*0}$	19155	1	26524
19157	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega D^-D^{*+}\Delta^0\bar{p}$	19156	1	26525
19158	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^{*+}D_s^-$	19157	1	26526
19159	$e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}K_1^0\psi(3770)$	19158	1	26527
19160	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+$	19159	1	26528
19161	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Sigma^0$	19160	1	26529
19162	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0}$	19161	1	26530
19163	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0\bar{D}^{*-}D_1^+$	19162	1	26531
19164	$e^+e^- \to e^+\nu_eX_u^-\bar{K}^*D^{*+}\bar{D}^{*-}$	19163	1	26532
19165	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta\eta\omega D^+D^-$	19164	1	26533
19166	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}D^{*+}D_s^{*-}$	19165	1	26534
19167	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^+\bar{D}^{*-}$	587	1	26535
19168	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^{*-}$	19167	1	26536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19169	$e^+e^- \to \omega K^* D^+ \bar{D}^{*-} \bar{\Delta}^0 \Sigma_c^{*0}$	19168	1	26537
19170	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- D^- D^{*0} \bar{\Delta}^- \Delta^+$	19169	1	26538
19171	$e^+e^- \to e^+\nu_e K^0 K^+ K^- K^- D^{*+} \bar{D}^{*-}$	19170	1	26539
19172	$e^+e^- \to \bar{K}^0 \bar{D}^{*-} D^{*0} \bar{D}^{*0} D_s^{*+}$	19171	1	26540
19173	$e^+e^- \to \pi^0\pi^+\rho^-\rho^- D^+ n \bar{\Sigma}_c^0$	19172	1	26541
19174	$e^+e^- \to e^-\bar{\nu}_e D^+ \bar{D}^{*-} \bar{\Delta}^- n$	2629	1	26542
19175	$e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^+\pi^-\pi^- D^+ D^{*0}$	19174	1	26543
19176	$e^+e^- \to \pi^0 \bar{K}^0 D^- D^{*+} \Delta^0 \bar{\Sigma}_c^{*0}$	19175	1	26544
19177	$e^+e^- \to \tau^+\nu_\tau \pi^- \omega\omega D^+ \bar{D}^{*-}$	19176	1	26545
19178	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^- D^{*+}$	19177	1	26546
19179	$e^+e^- \to e^-\bar{\nu}_e \pi^- K^+ D^{*+} \eta_c$	19178	1	26547
19180	$e^+e^- \to \pi^0\rho^0 \bar{K}^0 K^- D_s^+ n \bar{\Omega}_c^0$	19179	1	26548
19181	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^- D^{*+} \Delta^- \bar{\Delta}^0$	19180	1	26549
19182	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+ K^0 K^{*-} D^+ D^-$	19181	1	26550
19183	$e^+e^- \to \rho^+\eta K^{*+} K^{*-} D^+ D^- D_s^-$	588	1	26551
19184	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\eta\omega D^+ D^{*+}$	19183	1	26552
19185	$e^+e^- \to e^-\bar{\nu}_e \omega \bar{K}^0 K^{*+} D^{*+} \bar{D}^{*-}$	19184	1	26553
19186	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^- K^{*+} D^+ D^- D^0 D_s^{*-}$	19185	1	26554
19187	$e^+e^- \to \tau^-\bar{\nu}_\tau \pi^0\rho^0 D^+ \bar{D}^0$	19186	1	26555
19188	$e^+e^- \to e^+\nu_e \pi^- K^{*+} \bar{D}^{*-} D^0 \bar{D}^0$	19187	1	26556
19189	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^- D^{*+} D_s^-$	19188	1	26557
19190	$e^+e^- \to \rho^+ K^- D^+ \bar{D}^{*-} \bar{D}^{*0}$	19189	1	26558
19191	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- K^0 \bar{K}^* D^{*+} \bar{D}^{*-}$	19190	1	26559
19192	$e^+e^- \to e^+\nu_e \pi^+ \omega K^0 K^{*-} D^- D^{*0}$	19191	1	26560
19193	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^- \bar{K}^0 K^+ D^+ D^-$	19192	1	26561
19194	$e^+e^- \to \pi^-\pi^- K^0 \bar{K}^* K^+ D^+ \Delta^+ \bar{\Sigma}_c^-$	19193	1	26562
19195	$e^+e^- \to \mu^+\nu_\mu \rho^+ \bar{p} \Sigma_c^0 D_0^{*-}$	19194	1	26563
19196	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0 D^- D^{*+} D^{*+}$	19195	1	26564
19197	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^- \bar{K}^0 D^+ D^-$	19196	1	26565
19198	$e^+e^- \to \pi^0\eta \bar{K}^0 \bar{K}^* D^- D^0 \bar{D}^{*0} n \bar{\Sigma}^{*+}$	19197	1	26566
19199	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\omega K^- D^- D^0$	19198	1	26567
19200	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^- K^+ D^{*+} \bar{D}^{*-} D^{*0}$	19199	1	26568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19201	$e^+e^- \to e^+\nu_e\omega\bar{D}^{*-}D^0$	19200	1	26569
19202	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\bar{K}^0K^*D^{*+}D_1'^-$	19201	1	26570
19203	$e^+e^- \to \bar{K}^0\bar{K}^*D^+D^-D^{*+}\bar{D}^{*-}$	19202	1	26571
19204	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}D_s^-\Lambda\bar{\Sigma}^0$	19203	1	26572
19205	$e^+e^- \to e^+\nu_e\pi^0K^0K^{*-}D^+\bar{D}^{*-}$	19204	1	26573
19206	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\eta D^+D^-$	19205	1	26574
19207	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+K^*D^{*+}D_s^{*-}$	19206	1	26575
19208	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*+}$	19207	1	26576
19209	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}D_2^{*-}D_s^{*+}$	19208	1	26577
19210	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0}$	19209	1	26578
19211	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+D^-D^0\bar{\Lambda}\Sigma^0$	19210	1	26579
19212	$e^+e^- \to \pi^0\pi^-\pi^-\rho^-\bar{K}^0K^-K^{*+}K^{*+}D^+D^{*+}\bar{p}\Delta^+$	19211	1	26580
19213	$e^+e^- \to e^-\bar{\nu}_e\rho^0K^0D^+D^-\bar{n}p$	19212	1	26581
19214	$e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}\Delta^-\bar{n}$	19213	1	26582
19215	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega\omega\omega\bar{K}^0D_2^{*-}D^{*0}$	19214	1	26583
19216	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^-D^-D^{*+}D_s^+$	19215	1	26584
19217	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\omega K^0D^-D_s^{*-}$	19216	1	26585
19218	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}n\bar{p}$	19217	1	26586
19219	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\bar{K}^*K^+D^-D^{*+}$	19218	1	26587
19220	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-K^+D^-D^-$	19219	1	26588
19221	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}\bar{n}p$	19220	1	26589
19222	$e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}a_1^+$	19221	1	26590
19223	$e^+e^- \to \pi^+\pi^-\rho^-\eta\bar{K}^0K^*D^{*+}n\bar{\Lambda}$	19222	1	26591
19224	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta\eta D^+D^+$	19223	1	26592
19225	$e^+e^- \to e^+\nu_e\pi^-K^{*+}D^+D^-\bar{D}^{*-}$	19224	1	26593
19226	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p}$	19225	1	26594
19227	$e^+e^- \to e^+\nu_e\rho^+D^-\bar{p}\Xi_c^{*0}$	19226	1	26595
19228	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega\omega\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^{*0}$	19227	1	26596
19229	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*0}D_s^-n\bar{n}$	19228	1	26597
19230	$e^+e^- \to \pi^-\rho^+K^0K^+D^{*+}D^0D_s^-n\bar{p}$	19229	1	26598
19231	$e^+e^- \to \pi^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	19230	1	26599
19232	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_s^{*-}D_1'^+$	19231	1	26600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19233	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	19232	1	26601
19234	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^0\bar{K}^*K^+K^{*-}D^-D^{*0}\bar{n}\Lambda$	19233	1	26602
19235	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\eta_c$	2631	1	26603
19236	$e^+e^- \to \pi^-K^-K^{*+}D^+\bar{D}^{*-}D_s^{*+}$	19235	1	26604
19237	$e^+e^- \to \bar{K}^*K^-D^-D^{*+}D_s^+$	19236	1	26605
19238	$e^+e^- \to \pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}D_s^{*-}$	2632	1	26606
19239	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^+D^+J/\psi$	19238	1	26607
19240	$e^+e^- \to \pi^-\rho^-K^-D^{*+}D^{*+}\bar{D}^0\bar{\Sigma}^+\Lambda$	19239	1	26608
19241	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^0D^+D^{*+}p\bar{\Delta}^{++}$	19240	1	26609
19242	$e^+e^- \to \pi^0\rho^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}\bar{n}p$	19241	1	26610
19243	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}\gamma$	2633	1	26611
19244	$e^+e^- \to \pi^0\pi^+\eta\omega\omega\omega K^0K^0\bar{K}^0K^*K^-D^-D^{*+}$	19243	1	26612
19245	$e^+e^- \to K^0K^-D^+D^-D_s^+$	19244	1	26613
19246	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	19245	1	26614
19247	$e^+e^- \to \pi^-K^*D^-D^{*+}p\bar{\Xi}_c'^0$	19246	1	26615
19248	$e^+e^- \to \pi^0\rho^-\eta\eta\omega D^{*+}D^{*0}$	589	1	26616
19249	$e^+e^- \to \pi^+\rho^-\rho^-\eta'D^+\bar{D}^{*-}D_s^+$	19248	1	26617
19250	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-D^-D^-$	19249	1	26618
19251	$e^+e^- \to \rho^+\rho^+K^0K^*K^{*-}D^-$	19250	1	26619
19252	$e^+e^- \to \pi^+\pi^-\eta\omega\omega K^{*+}K^{*-}D^+D^-$	19251	1	26620
19253	$e^+e^- \to \pi^-\rho^+K^+D^-D^0\bar{D}^{*0}$	19252	1	26621
19254	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\rho^-K^{*+}D^{*+}D^{*0}$	19253	1	26622
19255	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	19254	1	26623
19256	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega K^0\bar{K}^*K^-D^-D^{*+}\bar{D}^{*-}$	19255	1	26624
19257	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}n\bar{\Sigma}^+$	19256	1	26625
19258	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0K^0D^{*+}D_s^-D_1^+$	19257	1	26626
19259	$e^+e^- \to \pi^+\eta\omega\bar{K}^*D^-\bar{\Delta}^0\Sigma_c^0$	19258	1	26627
19260	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0D^+D^0\bar{D}^0$	19259	1	26628
19261	$e^+e^- \to \mu^+\nu_\mu\rho^+\rho^+K^{*-}D^-\bar{D}^{*-}$	19260	1	26629
19262	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*0}\bar{D}^{*0}n\bar{\Lambda}$	19261	1	26630
19263	$e^+e^- \to \pi^0\pi^0K^+D^+D^-D^{*0}D_s^{*-}$	19262	1	26631
19264	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Lambda}_c^-$	19263	1	26632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19265	$e^+e^- \to K^+\phi D^-\bar{D}^{*-}D^{*0}D_s^{*+}$	19264	1	26633
19266	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-D^{*+}D_2^{*-}$	19265	1	26634
19267	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0K^+D^-D^-$	19266	1	26635
19268	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0$	19267	1	26636
19269	$e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*-}D_s^{*+}J/\psi$	19268	1	26637
19270	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^*K^-D^{*+}D^{*+}$	19269	1	26638
19271	$e^+e^- \to \rho^0\rho^-\rho^-K^+D^{*+}D^0\bar{D}^0$	19270	1	26639
19272	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^0D^+n\bar{p}\eta_c(2S)$	19271	1	26640
19273	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0D^+D^-D^-$	2635	1	26641
19274	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\omega K^+D_2^{*+}D_s^-$	19273	1	26642
19275	$e^+e^- \to \pi^0K^0K^+D^{*+}\bar{D}^{*-}\bar{p}\Xi_c'^0$	19274	1	26643
19276	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^*D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	19275	1	26644
19277	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-K^0K^+K^{*-}D^-D_2^{*+}$	2636	1	26645
19278	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*K^+K^{*-}D^+D^-\bar{D}^{*0}$	19277	1	26646
19279	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0K^-D^{*+}D^{*+}$	19278	1	26647
19280	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*0}\bar{p}\Sigma_c^0$	19279	1	26648
19281	$e^+e^- \to K^0K^{*-}D^{*+}D_s^+D_1^-$	19280	1	26649
19282	$e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	19281	1	26650
19283	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	19282	1	26651
19284	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta D^+\bar{D}^{*0}D_s^+$	19283	1	26652
19285	$e^+e^- \to \pi^0\bar{K}^0K^{*+}D^-D_s^{*-}D_1^+$	19284	1	26653
19286	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+\gamma$	19285	1	26654
19287	$e^+e^- \to K^{*-}D^+\bar{D}^{*-}\bar{D}^0a_1^+$	19286	1	26655
19288	$e^+e^- \to \pi^+\pi^-\eta\eta\omega K^0K^-K^-D^+D^{*+}$	19287	1	26656
19289	$e^+e^- \to \pi^0\pi^0\rho^-\rho^-\eta\omega K^+K^-D^{*+}D^{*+}$	19288	1	26657
19290	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}$	19289	1	26658
19291	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*0}$	19290	1	26659
19292	$e^+e^- \to \rho^0K^0\bar{K}^0D^{*+}\bar{D}^{*-}J/\psi$	19291	1	26660
19293	$e^+e^- \to \bar{K}^*K^{*+}D^+\bar{D}^{*-}n\bar{\Delta}^+\gamma$	19292	1	26661
19294	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+K^*D^-D^{*+}$	2637	1	26662
19295	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^{*-}D_{s1}'^+$	19294	1	26663
19296	$e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^{++}$	19295	1	26664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19297	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^+D^-$	2638	1	26665
19298	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\rho^-K^*D^+\bar{D}^0D^{*0}$	19297	1	26666
19299	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^+D^-n\bar{n}$	2639	1	26667
19300	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-\eta_cD_1'^-$	19299	1	26668
19301	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta\bar{K}^0K^*D^{*+}D_0^{*-}$	19300	1	26669
19302	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega K^+\phi\bar{D}^{*-}D_s^{*-}$	19301	1	26670
19303	$e^+e^- \to \rho^+K^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	19302	1	26671
19304	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^-\eta K^*K^{*-}D^{*+}D^{*+}$	19303	1	26672
19305	$e^+e^- \to \pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}$	19304	1	26673
19306	$e^+e^- \to e^+\nu_eX_u^-\eta D^-D_s^{*+}$	19305	1	26674
19307	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+K^+D^-\bar{D}^{*-}$	19306	1	26675
19308	$e^+e^- \to K_S\bar{K}^0\chi_{c0}\chi_{c1}$	19307	1	26676
19309	$e^+e^- \to \pi^0\pi^+D^+\bar{D}^0D_s^-\Sigma^-\bar{\Lambda}$	19308	1	26677
19310	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0D^{*+}D_s^+D_s^{*-}$	19309	1	26678
19311	$e^+e^- \to \omega K^-D^{*+}D^{*+}\bar{D}^0D_s^-$	2640	1	26679
19312	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-D^+D^-$	19311	1	26680
19313	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega K^0K^-D^{*+}\bar{D}^{*0}$	19312	1	26681
19314	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}$	19313	1	26682
19315	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+D_2^{*+}D_s^{*-}$	19314	1	26683
19316	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^{*+}D_2^{*-}$	2641	1	26684
19317	$e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}a_1^-\gamma$	19316	1	26685
19318	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^-D^+\bar{D}^{*-}D_s^+D_s^{*-}\gamma$	19317	1	26686
19319	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	19318	1	26687
19320	$e^+e^- \to \bar{D}^0D_s^{*+}\bar{n}\Delta^0\bar{\Delta}^0\Sigma^{*-}$	19319	1	26688
19321	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0K^-\eta'D^+D^{*+}$	19320	1	26689
19322	$e^+e^- \to \bar{K}^*K^+D^{*+}\bar{D}^{*-}a_1^-$	19321	1	26690
19323	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*0}\bar{\Sigma}^+\Sigma^-$	19322	1	26691
19324	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^*K^+D^+\bar{D}^{*-}$	19323	1	26692
19325	$e^+e^- \to \pi^0K^+D^-D^0\bar{\Delta}^+\Lambda_c^+$	19324	1	26693
19326	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta\omega D^-D^{*+}$	19325	1	26694
19327	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\eta K^0K^-D^+D^+$	19326	1	26695
19328	$e^+e^- \to K^+\bar{D}^{*-}D^0D^0p\bar{\Delta}^+$	590	1	26696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19329	$e^+e^- \to \pi^+\rho^+\rho^- D^+\bar{D}^{*-}D_s^{*-}$	19328	1	26697
19330	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- D^0 n\bar{\Sigma}_c^0$	19329	1	26698
19331	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+}\Delta^+\bar{\Delta}^+$	19330	1	26699
19332	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}\bar{n}\bar{n}pp$	19331	1	26700
19333	$e^+e^- \to \pi^0\rho^0\pi^+\pi^- D^- D^{*+}\Delta^+\bar{\Delta}^+$	19332	1	26701
19334	$e^+e^- \to e^+\nu_e\pi^- D^+ D^- n\bar{n}$	19333	1	26702
19335	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0\bar{K}^* K^{*+} D^+\bar{D}^{*-}D^{*0}$	19334	1	26703
19336	$e^+e^- \to \tau^+\nu_\tau\pi^-\rho^-\bar{\Delta}^0\Sigma_c^+$	19335	1	26704
19337	$e^+e^- \to \pi^0\pi^0\eta\bar{K}^* K^+ D_s^-\bar{\Sigma}^-\Xi_c^+$	19336	1	26705
19338	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^0 D_s^{*+}$	19337	1	26706
19339	$e^+e^- \to \pi^-\eta K^0\bar{K}^* D^{*+} D^{*+} D_{s1}'^-$	19338	1	26707
19340	$e^+e^- \to \pi^+ K_2^{*0}\bar{D}^{*-} J/\psi n\bar{n}$	19339	1	26708
19341	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^* D^{*+}\bar{D}^{*-}D_{s1}'^+$	19340	1	26709
19342	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*0} n\bar{n}\bar{\Sigma}^0\Xi_c^+$	19341	1	26710
19343	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega K^- K^{*+} D^+\bar{D}^{*-}$	19342	1	26711
19344	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta' D^-\bar{n}p$	19343	1	26712
19345	$e^+e^- \to \pi^0\pi^0\bar{K}^0 D^+\chi_{c2} n\bar{p}$	19344	1	26713
19346	$e^+e^- \to \pi^+\pi^+\pi^+\pi^- K^* K^- D^0\bar{D}^{*0}D_s^-$	19345	1	26714
19347	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^* D^{*+} D^0\bar{D}^0$	19346	1	26715
19348	$e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^* K^{*+} D^- D^{*+}$	19347	1	26716
19349	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^- D^- D^{*0}\Delta^+\bar{\Delta}^+$	19348	1	26717
19350	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+ D^+ D^- p\bar{p}$	19349	1	26718
19351	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^- D^- D^0$	19350	1	26719
19352	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^+ D^-\Sigma^-\bar{\Lambda}$	19351	1	26720
19353	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^- K^0\bar{K}^* D^{*+}\bar{D}^{*-}$	19352	1	26721
19354	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\omega\omega K^* D^{*+}\bar{D}^0$	19353	1	26722
19355	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega K^{*-} D^- D^0\bar{D}^0$	19354	1	26723
19356	$e^+e^- \to \mu^+\nu_\mu\pi^-\Delta^+\bar{\Sigma}_c^{*0}D_1^-$	19355	1	26724
19357	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}$	19356	1	26725
19358	$e^+e^- \to \pi^+\eta K^0\bar{K}^0 K^- D^+\bar{D}^{*-}$	19357	1	26726
19359	$e^+e^- \to K^0\bar{K}^0 K^* K^- D^{*+} J/\psi$	19358	1	26727
19360	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\rho^+\bar{K}^* D^- D^{*+}$	19359	1	26728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19361	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\eta\omega K^{*+}D^{*+}\eta_c$	19360	1	26729
19362	$e^+e^- \to e^-\bar{\nu}_e\eta\bar{K}^0D^+\bar{D}^{*-}D_1'^+$	19361	1	26730
19363	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	19362	1	26731
19364	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D_2^{*+}D_1^-$	19363	1	26732
19365	$e^+e^- \to \pi^0\pi^-\omega K^+D^+D^{*+}\bar{p}\Sigma^-$	19364	1	26733
19366	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^-D^{*+}\bar{D}^{*-}$	19365	1	26734
19367	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^0K^+K^-K^-K^{*-}\eta'D^+$	2643	1	26735
19368	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^+D^-D^{*+}$	19367	1	26736
19369	$e^+e^- \to e^+\nu_e\rho^-\omega D^{*+}D_0^{*-}$	19368	1	26737
19370	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}D_s^{*+}\bar{p}\Lambda$	19369	1	26738
19371	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	19370	1	26739
19372	$e^+e^- \to \rho^+\rho^-\omega K^0K^0K^-D^+\Delta^+\bar{\Sigma}_c^-$	19371	1	26740
19373	$e^+e^- \to \pi^-\bar{K}^*K^+K^+K^-D^-D^{*+}\bar{D}^0$	19372	1	26741
19374	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega D^-D^-$	19373	1	26742
19375	$e^+e^- \to \pi^0\pi^+\pi^-K^+K^+K^-D^-\psi(3770)$	19374	1	26743
19376	$e^+e^- \to e^-\bar{\nu}_eK^*D^+D^-D_0^{*+}$	19375	1	26744
19377	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\bar{K}^0K^{*+}D^+D^-$	19376	1	26745
19378	$e^+e^- \to \rho^0\pi^-\eta\eta K^*\bar{K}^*D^{*+}D^{*+}D_s^{*-}$	19377	1	26746
19379	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-D^+D^-a_1^+$	19378	1	26747
19380	$e^+e^- \to \pi^+\pi^+\pi^-K^+K^{*-}D^-D^{*+}D_s^{*-}$	19379	1	26748
19381	$e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}a_1^+$	19380	1	26749
19382	$e^+e^- \to \pi^0\rho^+K^0\bar{K}^*D^-D^{*+}a_1^-$	19381	1	26750
19383	$e^+e^- \to \pi^-\pi^-\eta K^0K^+D^+\bar{D}^{*0}\eta_c(2S)$	19382	1	26751
19384	$e^+e^- \to \rho^+\rho^+\omega K^0\bar{K}^0D^-\bar{D}^{*-}$	19383	1	26752
19385	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^0K^0D_s^{*-}D_0^{*+}$	19384	1	26753
19386	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^0$	19385	1	26754
19387	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0K^+K^-D^0D_1^-$	19386	1	26755
19388	$e^+e^- \to \tau^+\nu_\tau K^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	19387	1	26756
19389	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^*K^+D^+D^-\Delta^-\bar{n}$	19388	1	26757
19390	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^{*+}D^{*0}\bar{D}^{*0}$	19389	1	26758
19391	$e^+e^- \to \tau^+\nu_\tau\rho^-\omega D^+D_2^{*-}$	19390	1	26759
19392	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^{*+}D_s^-$	19391	1	26760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19393	$e^+e^- \to e^+\nu_e D^+ n\bar{\Delta}^+ D_0^{*-}$	2644	1	26761
19394	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{K}^*\bar{D}^{*-}D^{*0}D_1^+$	19393	1	26762
19395	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\bar{D}^{*-}D_s^+$	19394	1	26763
19396	$e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma$	19395	1	26764
19397	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\omega K^0K^+K^-D^-\bar{D}^{*-}$	19396	1	26765
19398	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*D^+\bar{D}^{*-}p\bar{\Sigma}_c^{--}$	19397	1	26766
19399	$e^+e^- \to \pi^-\rho^+K^0D^{*+}D^0\bar{D}^0a_1^-$	19398	1	26767
19400	$e^+e^- \to \pi^0K^+D^-D^0\bar{\Delta}^0\Sigma_c^{*0}$	19399	1	26768
19401	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}\bar{n}\Xi_c^+$	19400	1	26769
19402	$e^+e^- \to \rho^-D_2^{*+}D^{*0}\bar{\Delta}^0\Lambda$	19401	1	26770
19403	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^0D^{*0}$	19402	1	26771
19404	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0K^0\bar{K}^0K^{*-}D^+D^-$	19403	1	26772
19405	$e^+e^- \to e^+\nu_e\bar{K}^0D^{*+}\bar{D}^{*-}D_0^{*-}$	19404	1	26773
19406	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-D^+D^+$	19405	1	26774
19407	$e^+e^- \to D^-D^{*+}\Delta^-\bar{\Delta}^0a_1^+$	19406	1	26775
19408	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-K^+D^+\bar{D}^{*-}$	19407	1	26776
19409	$e^+e^- \to \pi^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}\eta_c$	19408	1	26777
19410	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega\omega K^0K^-D^+\bar{D}^{*-}$	19409	1	26778
19411	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}D^0p\bar{p}$	19410	1	26779
19412	$e^+e^- \to \pi^0\pi^+\rho^+\rho^+\rho^-\rho^-\rho^-\bar{K}^0D^+D^-$	19411	1	26780
19413	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^+K^-K^{*-}\phi D^+D^{*+}$	19412	1	26781
19414	$e^+e^- \to \mu^+\nu_\mu X_u^-\rho^0\pi^+\rho^-\rho^-D^+$	19413	1	26782
19415	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*0}$	19414	1	26783
19416	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega K^-\phi D^-$	19415	1	26784
19417	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^-$	19416	1	26785
19418	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+$	19417	1	26786
19419	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0\bar{K}^0K^-D^-D_s^+\Sigma^0\bar{\Sigma}^0$	19418	1	26787
19420	$e^+e^- \to \pi^0\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	19419	1	26788
19421	$e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^*K^{*+}D^-D^{*+}\gamma$	19420	1	26789
19422	$e^+e^- \to \rho^+\omega\bar{D}^{*-}D_2^{*+}D_s^{*-}$	19421	1	26790
19423	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0\bar{K}^0D^+D^-D_s^+$	19422	1	26791
19424	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+K^{*-}\bar{D}^{*-}D^0$	2645	1	26792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19425	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^{*+}\bar{D}^{*0}D_1'^-$	19424	1	26793
19426	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\bar{D}^{*-}D_0^{*+}$	19425	1	26794
19427	$e^+e^- \to \pi^0\pi^0\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}$	19426	1	26795
19428	$e^+e^- \to \pi^+\bar{D}^{*-}D_2^{*-}D_s^+$	19427	1	26796
19429	$e^+e^- \to \rho^0\pi^+K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-}D^{*0}$	19428	1	26797
19430	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-K^0D^+D^-\bar{D}^{*-}$	19429	1	26798
19431	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^0K^+K^-D^+J/\psi$	19430	1	26799
19432	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega D^+D^+\bar{\Delta}^-\Delta^-$	19431	1	26800
19433	$e^+e^- \to \rho^0\pi^+\bar{K}^0K^+\bar{D}^{*-}D^0D_s^-$	19432	1	26801
19434	$e^+e^- \to \pi^0\pi^+K^*\bar{K}^*K^-D^-D^{*+}$	19433	1	26802
19435	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta\omega K^-K^{*+}D^-D^{*+}$	19434	1	26803
19436	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^*K^+K^{*-}\bar{D}^{*-}$	19435	1	26804
19437	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}$	19436	1	26805
19438	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^-D^{*+}D^{*+}$	19437	1	26806
19439	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-}$	19438	1	26807
19440	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^*D^-D^{*+}\bar{D}^{*0}$	19439	1	26808
19441	$e^+e^- \to \pi^0\rho^-K^+D^+D^0\bar{D}^0a_1^-$	19440	1	26809
19442	$e^+e^- \to \pi^+\omega K^{*+}K^{*-}D^-D^{*+}D_s^{*-}$	19441	1	26810
19443	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-D^+D^-$	19442	1	26811
19444	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}a_1^+D_{s1}'^+$	19443	1	26812
19445	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-n\bar{n}$	19444	1	26813
19446	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega\omega D^+\bar{D}^{*-}$	19445	1	26814
19447	$e^+e^- \to \tau^-\bar{\nu}_\tau K^-D^{*+}D^{*+}\bar{D}^{*0}$	19446	1	26815
19448	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}\bar{D}^0D_s^{*+}$	19447	1	26816
19449	$e^+e^- \to \rho^0\rho^+\omega\omega K_SD^-\psi'$	19448	1	26817
19450	$e^+e^- \to \eta\bar{K}^0K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	19449	1	26818
19451	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^0K^*D^-D^{*+}\bar{D}^0$	19450	1	26819
19452	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^+D^+D^-\Delta^-\bar{\Delta}^0$	19451	1	26820
19453	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\bar{K}^0D^{*+}D_1^-$	19452	1	26821
19454	$e^+e^- \to \pi^0\rho^0\pi^+\eta\eta\omega\bar{D}^{*-}\bar{n}\Sigma_c^0$	19453	1	26822
19455	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	19454	1	26823
19456	$e^+e^- \to e^+\nu_e\pi^0\pi^-D^{*+}\bar{D}^0D_s^{*-}$	19455	1	26824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19457	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\eta\omega\omega\omega D^-\Delta^-\bar{p}$	19456	1	26825
19458	$e^+e^- \to \pi^+\pi^+\rho^-\omega\omega D^-D^{*+}D_s^{*-}$	19457	1	26826
19459	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\eta\eta D^+D_1^-$	19458	1	26827
19460	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega D^-D^0D_s^{*-}$	19459	1	26828
19461	$e^+e^- \to \pi^0\pi^0\rho^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}D_s^+$	19460	1	26829
19462	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^*K^+K^-K^-D^-J/\psi$	19461	1	26830
19463	$e^+e^- \to \pi^-\rho^+\eta\omega\bar{D}^{*-}D^{*0}a_1^+$	19462	1	26831
19464	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega K^*\phi D^{*+}\bar{D}^0$	19463	1	26832
19465	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega K^{*-}J/\psi\bar{\Delta}^-p$	19464	1	26833
19466	$e^+e^- \to K^*K^{*+}\bar{D}^{*-}D^0J/\psi$	19465	1	26834
19467	$e^+e^- \to \pi^-K^*J/\psi\bar{\Delta}^+\Sigma_c^{++}$	19466	1	26835
19468	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega D^-D_1'^+$	19467	1	26836
19469	$e^+e^- \to \mu^+\nu_\mu\omega K^0\bar{K}^0K^{*-}D^+D_2^{*-}$	19468	1	26837
19470	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\omega D^-D^{*+}$	19469	1	26838
19471	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\eta'D^+\bar{D}^{*-}$	19470	1	26839
19472	$e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}n\bar{n}p\bar{\Delta}^{++}$	19471	1	26840
19473	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+D_0^{*-}\gamma$	19472	1	26841
19474	$e^+e^- \to \tau^+\nu_\tau\rho^-\omega D^-D^{*+}$	19473	1	26842
19475	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^*K^-\eta'D^{*+}D_s^{*+}$	19474	1	26843
19476	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	19475	1	26844
19477	$e^+e^- \to \pi^0\pi^0\pi^+\eta\omega\eta'\bar{D}^{*-}D^0$	19476	1	26845
19478	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	19477	1	26846
19479	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0K^+D^{*+}D_s^-a_1^-$	19478	1	26847
19480	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}\bar{D}^{*0}D_s^{*+}$	19479	1	26848
19481	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\bar{K}^0D^+D^-$	19480	1	26849
19482	$e^+e^- \to \pi^+\pi^-K^+K^-K^{*+}K^{*-}D^{*+}n\bar{\Sigma}_c^-$	19481	1	26850
19483	$e^+e^- \to \pi^0\rho^-K^*K^+K^{*-}D^+\bar{D}^0D^{*0}$	19482	1	26851
19484	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^+D^-D^0D^{*0}$	19483	1	26852
19485	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-}$	19484	1	26853
19486	$e^+e^- \to \pi^0\pi^-K^0D^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	19485	1	26854
19487	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^0\pi^+\pi^-\eta\bar{D}^0$	19486	1	26855
19488	$e^+e^- \to e^+\nu_e\rho^-\bar{K}^*K^+\bar{D}^{*-}D^{*0}$	19487	1	26856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19489	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*+}$	19488	1	26857
19490	$e^+e^- \to e^+\nu_e\rho^0K^0K^-D^+\bar{D}^{*-}$	19489	1	26858
19491	$e^+e^- \to e^+\nu_e\pi^0\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}$	19490	1	26859
19492	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-D_2^{*+}\bar{n}p$	19491	1	26860
19493	$e^+e^- \to \pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}D_s^{*+}$	19492	1	26861
19494	$e^+e^- \to e^+\nu_e\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^+$	19493	1	26862
19495	$e^+e^- \to \pi^0\pi^+K^*D^0D^0\bar{D}^{*0}D_s^-$	19494	1	26863
19496	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}n\bar{n}$	19495	1	26864
19497	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	19496	1	26865
19498	$e^+e^- \to \pi^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}D_{s1}'^-$	19497	1	26866
19499	$e^+e^- \to \rho^0\rho^+K^-D^+D^-\Sigma^0\bar{\Xi}^0$	19498	1	26867
19500	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\bar{K}^0D^+D^-$	19499	1	26868
19501	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	19500	1	26869
19502	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^-\bar{K}^0K^+\bar{D}^{*-}D_2^{*+}$	19501	1	26870
19503	$e^+e^- \to \pi^-\omega\bar{K}^0D^+D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	19502	1	26871
19504	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}\bar{p}\Lambda_c^+$	19503	1	26872
19505	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega\eta'D^{*0}p\bar{\Lambda}_c^-$	19504	1	26873
19506	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-$	19505	1	26874
19507	$e^+e^- \to \bar{K}^0K^+D^-D^{*0}\bar{p}\Lambda_c^+$	19506	1	26875
19508	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^+D_1'^+$	19507	1	26876
19509	$e^+e^- \to e^-\bar{\nu}_eD^-D_2^{*+}\bar{\Delta}^0\Delta^+$	19508	1	26877
19510	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	19509	1	26878
19511	$e^+e^- \to K_LK_2^{*0}J/\psi\psi'$	19510	1	26879
19512	$e^+e^- \to \pi^+\pi^+\eta K^-\bar{D}^{*-}D^{*0}p\bar{p}$	19511	1	26880
19513	$e^+e^- \to \pi^+\eta K^0\bar{K}^0K^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}$	19512	1	26881
19514	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^+D^-\bar{D}^{*-}$	19513	1	26882
19515	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	19514	1	26883
19516	$e^+e^- \to \pi^+\rho^-K^*D^+J/\psi n\bar{p}$	19515	1	26884
19517	$e^+e^- \to \pi^0\pi^-K^*\eta'D^+\bar{D}^0J/\psi$	19516	1	26885
19518	$e^+e^- \to \pi^0\pi^+\rho^+\omega\omega K^-D^-$	19517	1	26886
19519	$e^+e^- \to \pi^0K^+D^+D^-\bar{D}^{*-}D^{*0}$	19518	1	26887
19520	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega\omega K^0D^{*+}\bar{\Delta}^-\Delta^-$	19519	1	26888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19521	$e^+e^- \to \pi^0\pi^-\eta\omega K^0K^0\bar{K}^0D^+D^-D^{*+}$	19520	1	26889
19522	$e^+e^- \to \rho^-\rho^-K^+D^+\bar{D}^0D^{*0}$	19521	1	26890
19523	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-$	19522	1	26891
19524	$e^+e^- \to \pi^0\pi^+D^-D^{*+}nn\bar{n}\bar{p}$	19523	1	26892
19525	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+$	19524	1	26893
19526	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\omega D^+D^+\gamma$	19525	1	26894
19527	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\rho^-D^+D^-$	19526	1	26895
19528	$e^+e^- \to \pi^0\rho^-\omega D^{*+}D^{*+}D_s^{*-}$	19527	1	26896
19529	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^{*+}D_s^{*-}$	19528	1	26897
19530	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^{*-}D^{*0}$	2646	1	26898
19531	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\rho^-D^-\bar{D}^0$	19530	1	26899
19532	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	19531	1	26900
19533	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^0\bar{n}\Delta^0$	19532	1	26901
19534	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}$	19533	1	26902
19535	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0\bar{K}^*D^+\bar{D}^{*-}\bar{\Sigma}^{*+}\Lambda$	19534	1	26903
19536	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega\eta'D^0\bar{D}^0$	19535	1	26904
19537	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^0K^-D^+D^+$	19536	1	26905
19538	$e^+e^- \to \rho^0\pi^-\pi^-\omega D^+D^+\bar{\Delta}^-\Delta^-$	19537	1	26906
19539	$e^+e^- \to \rho^0\rho^-K^-D^+\bar{\Lambda}\Xi_c'^+$	19538	1	26907
19540	$e^+e^- \to \pi^-K^0\bar{K}^0K^*D^{*+}\Delta^+\bar{\Sigma}_c^-$	19539	1	26908
19541	$e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^-D_s^{*-}$	19540	1	26909
19542	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-D^-D^{*+}\Delta^-\bar{n}$	19541	1	26910
19543	$e^+e^- \to \rho^+\bar{K}^0D^-\bar{n}\Sigma_c^0\gamma$	2647	1	26911
19544	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{K}^0K^*K^+D^+\bar{D}^{*-}n\bar{n}$	19543	1	26912
19545	$e^+e^- \to e^+\nu_eK^*\bar{n}\Xi_c^0D_1^-$	19544	1	26913
19546	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\eta\omega\omega\bar{D}^{*-}\bar{D}^{*-}$	19545	1	26914
19547	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^0\bar{K}^0D^-D^{*+}$	19546	1	26915
19548	$e^+e^- \to \pi^0\pi^-\rho^-\eta\omega\omega D^{*+}p\bar{\Lambda}$	19547	1	26916
19549	$e^+e^- \to \pi^+\pi^+\eta K^-\bar{D}^{*-}\chi_{c0}$	19548	1	26917
19550	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^0n\bar{n}$	19549	1	26918
19551	$e^+e^- \to \rho^0\rho^+D^-D^{*+}a_1^-$	19550	1	26919
19552	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}D^0$	19551	1	26920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19553	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}$	19552	1	26921
19554	$e^+e^- \to \rho^0\rho^0\pi^+\eta\omega\bar{D}^{*-}f_0(980)$	19553	1	26922
19555	$e^+e^- \to \pi^0\omega D^-D^-D_s^+\bar{n}p$	19554	1	26923
19556	$e^+e^- \to \pi^+\rho^+\bar{K}^0K^*K^-\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	19555	1	26924
19557	$e^+e^- \to \pi^-K^{*+}\bar{D}^{*-}D^0\bar{D}^0\Delta^+\bar{\Lambda}$	19556	1	26925
19558	$e^+e^- \to \bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	19557	1	26926
19559	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^+\rho^-\eta\bar{K}^0K^*\bar{D}^{*-}$	19558	1	26927
19560	$e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{K}^0K^*\bar{K}^*\phi D^-$	19559	1	26928
19561	$e^+e^- \to \pi^0\rho^0\rho^+K^*K^{*-}D^+D^-$	19560	1	26929
19562	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^-D^+D^-\bar{D}^{*0}$	19561	1	26930
19563	$e^+e^- \to \mu^+\nu_\mu\pi^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	19562	1	26931
19564	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta D^-D^0n\bar{\Delta}^0$	19563	1	26932
19565	$e^+e^- \to \rho^-\bar{K}^0K^+D^+\bar{D}^{*-}\eta_c$	19564	1	26933
19566	$e^+e^- \to \bar{K}^0\bar{K}^0\bar{K}^0K^{*+}D^-D^-D_s^+$	2648	1	26934
19567	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^+\bar{D}^{*-}D^0D^{*0}$	19566	1	26935
19568	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	19567	1	26936
19569	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0D_2^{*-}D^0D_s^+$	19568	1	26937
19570	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\Delta^-\bar{\Delta}^0\bar{p}\Sigma_c^{*+}$	19569	1	26938
19571	$e^+e^- \to \pi^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}D^0D^0$	19570	1	26939
19572	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\bar{D}^{*-}D^0$	19571	1	26940
19573	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*0}$	2649	1	26941
19574	$e^+e^- \to \pi^+K^0\bar{K}^0K^-D^+D^{*+}\bar{D}^{*-}D_s^-$	19573	1	26942
19575	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta K^-D^-D^{*+}\bar{D}^{*-}$	19574	1	26943
19576	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	19575	1	26944
19577	$e^+e^- \to \rho^0\pi^+\rho^-\omega D^-D^{*+}D^{*0}$	19576	1	26945
19578	$e^+e^- \to \pi^+\rho^-D^{*+}D_s^{*-}a_0^0$	19577	1	26946
19579	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}D_s^{*+}\gamma$	19578	1	26947
19580	$e^+e^- \to \eta K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	19579	1	26948
19581	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^+$	19580	1	26949
19582	$e^+e^- \to \pi^+\rho^+K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Delta^0$	19581	1	26950
19583	$e^+e^- \to \mu^+\nu_\mu K^0K^{*-}D^-D^{*+}$	2650	1	26951
19584	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^0\bar{D}^0$	19583	1	26952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19585	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta\omega D^-D^{*+}$	19584	1	26953
19586	$e^+e^- \to D^+D_s^- J/\psi K_1^0$	19585	1	26954
19587	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^0\bar{K}^0D^-\bar{D}^0$	19586	1	26955
19588	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^+D^+$	19587	1	26956
19589	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^+\omega D^-\bar{D}^{*-}$	19588	1	26957
19590	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\omega D^{*+}D^{*+}p\bar{\Lambda}$	19589	1	26958
19591	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*0}$	19590	1	26959
19592	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^-\eta K^0\bar{K}^*D^+D^{*+}$	19591	1	26960
19593	$e^+e^- \to \pi^0\rho^+\bar{K}^0K^{*+}D^-D^0D_s^-$	19592	1	26961
19594	$e^+e^- \to e^+\nu_e\pi^-D^+p\bar{p}D_1^-$	19593	1	26962
19595	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^-K^{*+}D^-D^{*+}$	19594	1	26963
19596	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\bar{D}^{*-}$	19595	1	26964
19597	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*D^-D^{*+}\bar{D}^{*-}$	19596	1	26965
19598	$e^+e^- \to \omega D_2^{*+}\bar{D}^{*0}D_s^-$	19597	1	26966
19599	$e^+e^- \to K^*D^-D^{*+}D^{*0}\Lambda\bar{\Sigma}^{*0}$	19598	1	26967
19600	$e^+e^- \to K_L\rho^-D^+J/\psi$	19599	1	26968
19601	$e^+e^- \to \rho^+D^+D^-D_{s0}^{*-}$	19600	1	26969
19602	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0D^+D^{*+}\bar{D}^{*-}$	19601	1	26970
19603	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0\bar{D}^{*-}$	19602	1	26971
19604	$e^+e^- \to \pi^0\pi^0\pi^+K^0K^{*+}K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-}$	19603	1	26972
19605	$e^+e^- \to \mu^+\nu_\mu K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+$	19604	1	26973
19606	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}D^{*+}\bar{D}^{*-}$	19605	1	26974
19607	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^+D^{*0}D_0^{*-}$	19606	1	26975
19608	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^{*+}\phi\bar{D}^{*-}D^0D_s^-$	2651	1	26976
19609	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-D^-\chi_{c2}$	19608	1	26977
19610	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0\bar{D}^{*-}D^{*0}$	19609	1	26978
19611	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_s^{*+}D_1'^-$	19610	1	26979
19612	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-}$	19611	1	26980
19613	$e^+e^- \to \rho^0\pi^+\rho^-K^+K^{*-}D^-D^{*+}$	19612	1	26981
19614	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+D^-D_1'^+$	19613	1	26982
19615	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-K^0K^-\phi D^{*+}\bar{D}^{*-}$	19614	1	26983
19616	$e^+e^- \to \pi^-K^*K^+K^-D^{*+}J/\psi$	19615	1	26984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19617	$e^+e^- \to K^+D^+D^-D^{*0}\Sigma^-\bar{\Lambda}$	19616	1	26985
19618	$e^+e^- \to \pi^0\pi^0K^0K^*D^-D^{*+}\Delta^{++}\bar{\Delta}^{++}\gamma$	19617	1	26986
19619	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+\bar{D}^{*-}$	19618	1	26987
19620	$e^+e^- \to \pi^+\pi^-\rho^+D^+D^-n\bar{\Delta}^+$	19619	1	26988
19621	$e^+e^- \to \omega n\bar{\Sigma}_c^{*0}\bar{K}_1^0\psi'$	19620	1	26989
19622	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\eta K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	19621	1	26990
19623	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0D^-D^0D_1'^+$	19622	1	26991
19624	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0\bar{D}^0D^{*0}n\bar{n}$	19623	1	26992
19625	$e^+e^- \to e^+\nu_e\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*-}$	19624	1	26993
19626	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	19625	1	26994
19627	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^-D^+D^-\bar{D}^0$	19626	1	26995
19628	$e^+e^- \to \rho^0\pi^-\eta D^{*+}D^{*+}a_1^-$	19627	1	26996
19629	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^0D^+D^-\bar{D}^0$	19628	1	26997
19630	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\bar{K}^0K^+D^+\bar{D}^{*-}$	19629	1	26998
19631	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0$	19630	1	26999
19632	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	591	1	27000
19633	$e^+e^- \to \mu^+\nu_\mu\omega K^-D^+D^-\bar{D}^{*0}$	19632	1	27001
19634	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^-K^{*+}D^{*+}\bar{D}^0$	2653	1	27002
19635	$e^+e^- \to \rho^0\rho^-\omega\omega K^*K^+K^-\phi D^+$	19634	1	27003
19636	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^0K^0\bar{K}^0\bar{K}^0D^-\eta_c$	19635	1	27004
19637	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^+D^-\bar{D}^{*0}$	19636	1	27005
19638	$e^+e^- \to \pi^0\rho^+\rho^-K^-K^{*+}D^+\bar{D}^{*-}$	19637	1	27006
19639	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta\omega D^{*+}D^{*+}$	19638	1	27007
19640	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^+K^-D^+D^+a_1^-$	19639	1	27008
19641	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\bar{K}^0D^-\bar{D}^{*-}D^0$	19640	1	27009
19642	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^+D^-$	19641	1	27010
19643	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega K^+K^-\eta'D^+D^-$	2654	1	27011
19644	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}$	19643	1	27012
19645	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p$	19644	1	27013
19646	$e^+e^- \to K^+D^-D^{*+}D^{*0}D_{s1}'^-$	19645	1	27014
19647	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0K^{*-}D^+\bar{D}^{*0}$	19646	1	27015
19648	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0K^-D^+\bar{D}^{*0}$	19647	1	27016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19649	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\eta K^0\bar{K}^0 D^- D^{*+}$	19648	1	27017
19650	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\omega D^+\bar{D}^{*-}$	19649	1	27018
19651	$e^+e^- \to \rho^0\pi^+\eta D^+ D^- D_s^{*-}$	19650	1	27019
19652	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^- D^+\chi_{c1}$	19651	1	27020
19653	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega D^- D^0\bar{D}^0$	19652	1	27021
19654	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta\eta\bar{K}^* D^- D_s^+$	19653	1	27022
19655	$e^+e^- \to \pi^-\eta K^0 D^{*+} D^{*+}\bar{D}^{*-}$	2655	1	27023
19656	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^-\bar{D}^{*-}$	19655	1	27024
19657	$e^+e^- \to \pi^+\pi^-\rho^- K^0 D^- D^{*+} D^{*+}$	19656	1	27025
19658	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^- D^+ D_2^{*-}$	19657	1	27026
19659	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega K^+ K^- D^+ D^-$	19658	1	27027
19660	$e^+e^- \to K^{*-} D^+ D^{*+}\bar{D}^0 D_s^{*-}$	19659	1	27028
19661	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\bar{K}^0 K^* D^- D^{*+}$	19660	1	27029
19662	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+ K^0 K^0\bar{K}^0 K^- D^+ D^-$	19661	1	27030
19663	$e^+e^- \to \rho^+ D^+\Delta^+\bar{\Sigma}_c^{--} D_{s1}'^-$	19662	1	27031
19664	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^0\bar{K}^0 K^*\eta' D^+\bar{D}^0 D_s^-$	19663	1	27032
19665	$e^+e^- \to \pi^0\pi^-\pi^-\eta K^{*+} K^{*-} D^+ D^{*+}$	19664	1	27033
19666	$e^+e^- \to \pi^0\pi^+\eta D^- D^{*+} D_s^-$	19665	1	27034
19667	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^0 D^-$	19666	1	27035
19668	$e^+e^- \to K^* D^{*+} D_s^{*-} p\bar{\Lambda}_c^-$	19667	1	27036
19669	$e^+e^- \to \bar{K}^0 K^* D^+\bar{D}^{*-}\bar{n}\Delta^0 p\bar{p}$	19668	1	27037
19670	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^- D^{*0}$	19669	1	27038
19671	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}\gamma$	19670	1	27039
19672	$e^+e^- \to \pi^0\bar{K}^0 D^-\bar{\Delta}^-\Delta^0 p\bar{p}$	19671	1	27040
19673	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\pi^-\rho^+ D^+\bar{D}^{*0}\bar{\Delta}^0\Delta^{++}\Delta^{++}\bar{\Delta}^{++}$	19672	1	27041
19674	$e^+e^- \to \pi^-\eta D^+ D^0 n\bar{\Delta}^0$	19673	1	27042
19675	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{K}^* K^+ D^- D^0 D_s^-$	19674	1	27043
19676	$e^+e^- \to \rho^0\pi^- K^+ K^- D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	19675	1	27044
19677	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\bar{K}^0 K^+ D^+ D^-$	19676	1	27045
19678	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\pi^- K^{*-}\eta'\bar{D}^{*-}\bar{D}^{*0}$	19677	1	27046
19679	$e^+e^- \to \pi^-\omega D^+\bar{D}^0 D_s^+\Lambda\bar{\Sigma}^-$	19678	1	27047
19680	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^- D^{*+} D_1^+$	19679	1	27048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19681	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^+\Delta^+\bar{\Sigma}_c^{*0}$	19680	1	27049
19682	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0K^0\bar{K}^0\bar{K}^*K^+K^-D^+\bar{D}^{*-}$	19681	1	27050
19683	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0D^{*+}$	19682	1	27051
19684	$e^+e^- \to \pi^-K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++}$	19683	1	27052
19685	$e^+e^- \to \rho^-D^-\bar{D}^{*0}D_s^{*+}\bar{n}p$	19684	1	27053
19686	$e^+e^- \to \pi^+\rho^+K^+K^{*-}\bar{D}^{*-}D_2^{*-}$	19685	1	27054
19687	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0D^0D_s^{*-}$	19686	1	27055
19688	$e^+e^- \to \bar{K}^*D^-D_s^{*+}\bar{\Delta}^0\Sigma_c^0$	19687	1	27056
19689	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p}$	19688	1	27057
19690	$e^+e^- \to \pi^+\pi^-\eta\omega D^+D^-$	19689	1	27058
19691	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^{*-}D^+\bar{D}^{*-}$	19690	1	27059
19692	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-\Delta^0$	19691	1	27060
19693	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0D^-D^{*0}n\bar{n}$	19692	1	27061
19694	$e^+e^- \to e^-\bar{\nu}_eK^0K^{*-}D^+D^{*+}$	19693	1	27062
19695	$e^+e^- \to \mu^+\nu_\mu\rho^0K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	2656	1	27063
19696	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\bar{K}^*D^-\bar{D}^{*-}D^0$	19695	1	27064
19697	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^-D^{*+}\bar{D}^0D_s^+$	19696	1	27065
19698	$e^+e^- \to \pi^+\pi^-\omega K^*D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	19697	1	27066
19699	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^-\eta\eta D^{*+}D^{*+}$	19698	1	27067
19700	$e^+e^- \to \pi^+\pi^-\bar{K}^*K^+D^-D^-D_s^+$	19699	1	27068
19701	$e^+e^- \to \pi^0\rho^0\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}n\bar{p}$	19700	1	27069
19702	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^0\bar{K}^*K^+D^{*+}\bar{D}^{*0}$	19701	1	27070
19703	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+\bar{D}^{*-}$	19702	1	27071
19704	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D^{*0}D_0^{*+}$	19703	1	27072
19705	$e^+e^- \to \pi^0\pi^-\omega K^0K^{*+}K^{*-}\phi D^+$	19704	1	27073
19706	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	19705	1	27074
19707	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-$	592	1	27075
19708	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^-D_0^{*+}$	19707	1	27076
19709	$e^+e^- \to \pi^+K^{*+}D^-D^0\bar{p}\bar{\Xi}_c'^0$	19708	1	27077
19710	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-\rho^+\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	19709	1	27078
19711	$e^+e^- \to \rho^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	19710	1	27079
19712	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-D^+\bar{D}^0D_s^+$	19711	1	27080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19713	$e^+e^- \to D^+D^0\Delta^0\bar{\Delta}^0a_1^-\gamma$	19712	1	27081
19714	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^+D^{*+}$	19713	1	27082
19715	$e^+e^- \to \pi^0\pi^0\omega\omega\bar{K}^0\bar{D}^0D^{*0}D^{*0}$	2658	1	27083
19716	$e^+e^- \to \pi^-K^*D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	19715	1	27084
19717	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-D^{*+}D_1'^+$	19716	1	27085
19718	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\bar{\Delta}^-\Delta^-$	19717	1	27086
19719	$e^+e^- \to \bar{K}^0K^*D^-D^{*+}J/\psi$	19718	1	27087
19720	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\omega D^0D_1'^-$	19719	1	27088
19721	$e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}D_s^{*+}a_1^+$	19720	1	27089
19722	$e^+e^- \to \pi^0\pi^-\pi^-D^+\bar{D}^0D_s^+n\bar{n}$	19721	1	27090
19723	$e^+e^- \to \omega\bar{K}^0n\bar{n}\bar{\Sigma}_c^0\Sigma_c^{*0}$	19722	1	27091
19724	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\omega\bar{D}^{*-}\bar{p}\Sigma_c^{*0}$	19723	1	27092
19725	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^+K^{*-}\bar{D}^{*-}\bar{p}\Sigma_c^+$	19724	1	27093
19726	$e^+e^- \to \pi^-\omega\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	19725	1	27094
19727	$e^+e^- \to e^+\nu_e\eta\bar{K}^0J/\psi D_1'^-$	19726	1	27095
19728	$e^+e^- \to \mu^+\nu_\mu K_SD^-\eta_c$	19727	1	27096
19729	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	19728	1	27097
19730	$e^+e^- \to \mu^+\nu_\mu\rho^0\eta D^0D_1^-$	19729	1	27098
19731	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}\bar{D}^0n\bar{n}$	19730	1	27099
19732	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega\eta'D^-D^{*+}$	19731	1	27100
19733	$e^+e^- \to \pi^+\rho^+\rho^-\omega K^{*-}D^-D^{*+}\bar{D}^0$	19732	1	27101
19734	$e^+e^- \to \eta D^0p\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^-$	19733	1	27102
19735	$e^+e^- \to \pi^+\pi^-\rho^+\eta\omega K^*D^0\bar{D}^0D_s^-$	19734	1	27103
19736	$e^+e^- \to \mu^-\bar{\nu}_\mu K_LD_2^{*+}\eta_c$	19735	1	27104
19737	$e^+e^- \to \rho^0\rho^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	19736	1	27105
19738	$e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}D^{*+}\bar{D}^0$	19737	1	27106
19739	$e^+e^- \to \pi^+\pi^-D_2^{*+}D_s^{*-}\psi'$	19738	1	27107
19740	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^-D_1^+$	19739	1	27108
19741	$e^+e^- \to \pi^0K^*\bar{\Delta}^-\Delta^-\bar{\Delta}^+\Sigma_c^{*+}$	19740	1	27109
19742	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^0K^-D^+D^-$	19741	1	27110
19743	$e^+e^- \to \pi^+\omega K^0K^+K^-K^{*-}D^+\bar{D}^{*-}$	19742	1	27111
19744	$e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^-D^+\bar{D}^{*-}$	2659	1	27112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19745	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^- D^0$	19744	1	27113
19746	$e^+e^- \to e^+\nu_e\pi^0\eta\eta'\bar{D}^{*-}D^{*0}$	19745	1	27114
19747	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^-\bar{D}^{*-}$	19746	1	27115
19748	$e^+e^- \to \rho^0\eta\bar{K}^0\bar{D}^{*-}J/\psi\bar{\Sigma}^0\Sigma^+$	151	1	27116
19749	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+J/\psi K_1^0$	19748	1	27117
19750	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0\bar{D}^{*-}\psi'$	19749	1	27118
19751	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0D_2^{*-}\eta_c$	19750	1	27119
19752	$e^+e^- \to \pi^+\omega K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^{*-}$	19751	1	27120
19753	$e^+e^- \to \pi^0\rho^0\eta\omega K^*\bar{K}^*K^+K^-D^-D^{*+}$	19752	1	27121
19754	$e^+e^- \to \pi^+\eta\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	19753	1	27122
19755	$e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	19754	1	27123
19756	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-\omega\eta'D^+D^{*+}$	19755	1	27124
19757	$e^+e^- \to \pi^0\pi^0K^+D^+\bar{D}^{*-}D^{*0}D_s^-$	19756	1	27125
19758	$e^+e^- \to \pi^0\omega D^-\bar{D}^{*-}\bar{n}p\bar{\Delta}^+\Delta^{++}$	19757	1	27126
19759	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta\bar{D}^{*-}D^0D_s^-$	19758	1	27127
19760	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0D^0\bar{D}^0D^{*0}$	19759	1	27128
19761	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*0}\gamma$	19760	1	27129
19762	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega\omega D^-D^{*+}$	19761	1	27130
19763	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}a_1^-$	19762	1	27131
19764	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-\bar{D}^{*0}$	19763	1	27132
19765	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+\rho^-K^+D^{*+}\bar{D}^{*-}$	19764	1	27133
19766	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_0^{*+}D_{s1}'^+$	19765	1	27134
19767	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\omega K^0K^-D^-\bar{D}^{*-}$	19766	1	27135
19768	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\pi^-\rho^+D^+D^{*+}$	19767	1	27136
19769	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0$	19768	1	27137
19770	$e^+e^- \to \pi^0\pi^0\eta\omega D^-D^0\bar{n}p$	19769	1	27138
19771	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\bar{D}^0\bar{D}^0\bar{p}\Lambda$	19770	1	27139
19772	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta\eta K^0\bar{K}^0D^+\bar{D}^{*0}$	19771	1	27140
19773	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\eta'D^+D^-n\bar{n}$	19772	1	27141
19774	$e^+e^- \to \pi^0K_S\bar{K}^0K^+\phi D^-J/\psi$	19773	1	27142
19775	$e^+e^- \to \pi^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*0}a_1^+$	19774	1	27143
19776	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+\bar{n}\Lambda_c^+$	19775	1	27144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19777	$e^+e^- \to \pi^0\rho^0\rho^- K^* D^+ D^{*+} \bar{D}^{*-}$	2661	1	27145
19778	$e^+e^- \to \mu^+\nu_\mu\rho^0\omega\bar{K}^0 K^+ D^- D^-$	19777	1	27146
19779	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+ \bar{D}^{*0} D_s^{*-}$	19778	1	27147
19780	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^- D^{*+}\bar{D}^{*-}$	19779	1	27148
19781	$e^+e^- \to \rho^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0 K^* K^+ K^{*-} D^+ D^{*+}$	19780	1	27149
19782	$e^+e^- \to \rho^- K^0\bar{K}^0\bar{K}^* D^{*+} D_s^{*+} D_s^{*-}$	19781	1	27150
19783	$e^+e^- \to \rho^0\rho^0\rho^-\eta\eta D^+ \bar{D}^{*-} D_s^+$	19782	1	27151
19784	$e^+e^- \to e^-\bar{\nu}_e X_u^+ K^* D^- D^{*+}$	19783	1	27152
19785	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^0 D^+ D^-$	19784	1	27153
19786	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\rho^-\eta D^{*+}$	2662	1	27154
19787	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^0\bar{D}^0 D_1^+$	19786	1	27155
19788	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^- K^+ D^{*+}\chi_{c1}$	19787	1	27156
19789	$e^+e^- \to \pi^0\bar{K}^0 K^+ K^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	19788	1	27157
19790	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- D^+ D^+ a_1^-$	19789	1	27158
19791	$e^+e^- \to \pi^-\rho^+\omega\omega D^+ D^-$	19790	1	27159
19792	$e^+e^- \to \mu^+\nu_\mu\eta K^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	19791	1	27160
19793	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^- D^{*+}$	19792	1	27161
19794	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^-\bar{K}^* K^{*+} D^+ D_1^+$	19793	1	27162
19795	$e^+e^- \to \pi^0\pi^+ K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}\Sigma^+\bar{\Sigma}^{*-}$	19794	1	27163
19796	$e^+e^- \to \pi^0\rho^0\pi^- K^- K^{*+} D^{*+} D^{*+} D_{s1}'^-$	19795	1	27164
19797	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0\bar{D}^{*-} D_1^+$	19796	1	27165
19798	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^0 D_s^{*+}$	19797	1	27166
19799	$e^+e^- \to \pi^+\pi^- K^0 K^* K^- K^{*+} D^+ D_s^{*-}$	19798	1	27167
19800	$e^+e^- \to \pi^-\omega D^{*+}\bar{D}^0 p\bar{p}$	19799	1	27168
19801	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0 D^{*+}\Delta^0\bar{\Xi}_c^0$	19800	1	27169
19802	$e^+e^- \to \pi^-\rho^+\bar{K}^0 K^+ K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^0$	19801	1	27170
19803	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^+\bar{D}^{*-}$	19802	1	27171
19804	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-} D^0 D_s^{*+} D_s^{*-}$	19803	1	27172
19805	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega\bar{D}^{*-} D_1'^+$	19804	1	27173
19806	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-} D^{*0}$	19805	1	27174
19807	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta D^-\Delta^0\bar{\Sigma}_c^{*-}$	19806	1	27175
19808	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega K^+ K^- K^{*+} D^{*+}$	19807	1	27176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19809	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{D}^0D^{*0}D_s^{*+}$	19808	1	27177
19810	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+K^*\bar{D}^{*-}J/\psi$	19809	1	27178
19811	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0K^{*-}D^{*+}\bar{D}^{*-}a_1^+$	19810	1	27179
19812	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega K^*D^+\bar{D}^{*-}$	19811	1	27180
19813	$e^+e^- \to \pi^+\rho^+K^0\bar{K}^0K^-D^-\chi_{c1}$	19812	1	27181
19814	$e^+e^- \to D^+D^{*+}\bar{D}^{*-}a_1^-$	19813	1	27182
19815	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^+D^+D^-D^{*0}$	2663	1	27183
19816	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{n}\Lambda_c^+$	19815	1	27184
19817	$e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^+D_2^{*-}$	19816	1	27185
19818	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	19817	1	27186
19819	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta D^-D_2^{*+}$	19818	1	27187
19820	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0D^-D^{*0}$	19819	1	27188
19821	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0}$	19820	1	27189
19822	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu X_u^+\pi^+\pi^-D^{*+}$	19821	1	27190
19823	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega\omega\bar{D}^{*-}D^{*0}$	19822	1	27191
19824	$e^+e^- \to e^+\nu_eK^-D^-\bar{\Lambda}\Sigma_c^+$	19823	1	27192
19825	$e^+e^- \to \rho^0\pi^+K^0K^{*-}D^{*+}\bar{D}^{*-}$	19824	1	27193
19826	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\rho^-\rho^-\bar{K}^*K^+D_0^{*-}$	19825	1	27194
19827	$e^+e^- \to \pi^-\eta K^0\bar{K}^0\bar{K}^*K^+K^+D^-D^{*+}D_s^-$	19826	1	27195
19828	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega\omega\bar{D}^{*-}D^0D_s^{*-}$	19827	1	27196
19829	$e^+e^- \to \pi^0\pi^+\eta D^{*+}\bar{D}^{*-}a_1^-$	19828	1	27197
19830	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}n\bar{n}p\bar{\Delta}^+$	19829	1	27198
19831	$e^+e^- \to \pi^0K^0D^+D^{*+}\bar{D}^{*-}n\bar{p}$	19830	1	27199
19832	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^-D^+\bar{D}^{*-}D_s^-D_s^{*+}$	19831	1	27200
19833	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	19832	1	27201
19834	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^0K^-D^+D^{*+}$	19833	1	27202
19835	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta\omega D^-D^{*+}$	19834	1	27203
19836	$e^+e^- \to \pi^0\pi^+\eta\eta K^-D^+D^-\bar{D}^{*0}$	19835	1	27204
19837	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_1^-D_{s0}^{*+}$	19836	1	27205
19838	$e^+e^- \to \rho^+\rho^-K^-\eta_c\Delta^+\bar{\Xi}_c^0$	19837	1	27206
19839	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta K^0\bar{K}^0\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	19838	1	27207
19840	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega\omega\eta'D^-D^-$	19839	1	27208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19841	$e^+e^- \to \pi^+\pi^-\eta\eta\omega D^-\bar{n}\Lambda_c^+$	19840	1	27209
19842	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^+D^{*0}D^{*0}$	19841	1	27210
19843	$e^+e^- \to \pi^0\pi^0\pi^0\eta\omega\omega\omega K^*K^-D^+\bar{D}^{*0}$	19842	1	27211
19844	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\omega\bar{K}^*K^{*+}D^+\bar{D}^0$	19843	1	27212
19845	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\eta D^-\bar{D}^{*-}$	19844	1	27213
19846	$e^+e^- \to \mu^+\nu_\mu\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	19845	1	27214
19847	$e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0D^+D_2^{*-}D_s^+$	19846	1	27215
19848	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-D^-D^{*+}D^0$	19847	1	27216
19849	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\rho^+\bar{D}^{*-}$	19848	1	27217
19850	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D^{*+}$	19849	1	27218
19851	$e^+e^- \to \rho^+D^+D^-\Sigma^0\bar{\Sigma}^0a_1^-$	19850	1	27219
19852	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\omega D^-D^{*+}$	19851	1	27220
19853	$e^+e^- \to \pi^0\pi^-\eta\eta D^+D^+D_s^-$	19852	1	27221
19854	$e^+e^- \to \rho^+\rho^+\rho^-\rho^-\omega\eta'D^+D^-$	19853	1	27222
19855	$e^+e^- \to \eta\omega\omega\bar{K}^0K^*D^{*0}\bar{D}^{*0}$	19854	1	27223
19856	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^-K^+D^+\bar{D}^{*0}$	19855	1	27224
19857	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+K^{*+}K^{*-}D^+D^-$	19856	1	27225
19858	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\omega\omega K^{*+}D^+\Sigma^+\bar{\Sigma}^-$	19857	1	27226
19859	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-D_2^{*+}\bar{D}^0D^{*0}$	19858	1	27227
19860	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^*K^-D^{*+}\bar{D}^{*0}$	19859	1	27228
19861	$e^+e^- \to \pi^+\rho^-\omega K^+\bar{D}^{*-}D^{*0}D^{*0}$	19860	1	27229
19862	$e^+e^- \to \pi^0\pi^+\eta K_S\bar{D}^{*-}\chi_{c1}$	19861	1	27230
19863	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta\omega\bar{K}^0\bar{D}^{*-}D^0$	19862	1	27231
19864	$e^+e^- \to \pi^-K^+D^+\bar{D}^{*0}\bar{p}\Lambda\bar{\Lambda}\Sigma^0$	19863	1	27232
19865	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta K^0\bar{K}^0D^-D^{*+}$	19864	1	27233
19866	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+D^-$	19865	1	27234
19867	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta K^*\bar{K}^*K^{*+}D^+D_s^-$	19866	1	27235
19868	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^-$	19867	1	27236
19869	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}\Lambda\bar{\Sigma}^{*0}$	19868	1	27237
19870	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}$	19869	1	27238
19871	$e^+e^- \to \rho^0\rho^0\pi^+\omega\bar{K}^*\bar{D}^{*-}J/\psi$	19870	1	27239
19872	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^*D^-D^{*+}a_1^+$	19871	1	27240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19873	$e^+e^- \to \rho^+\eta\bar{K}^0K^*K^{*+}\phi D^-D^-$	19872	1	27241
19874	$e^+e^- \to \pi^+\pi^-D^-D_s^+D_s^+\bar{\Delta}^0\Sigma^-$	19873	1	27242
19875	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^{*+}D^{*0}$	19874	1	27243
19876	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^+K^{*-}D^+\bar{D}^{*-}D_s^-$	19875	1	27244
19877	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	19876	1	27245
19878	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0n\bar{\Delta}^0$	19877	1	27246
19879	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^{*+}\bar{D}^{*0}D_1'^+$	19878	1	27247
19880	$e^+e^- \to \pi^0\pi^0\bar{K}^*K^-D^+D^-D_s^+$	2664	1	27248
19881	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*0}$	19880	1	27249
19882	$e^+e^- \to \pi^+\rho^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*0}$	19881	1	27250
19883	$e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^0D_s^+\eta_c$	19882	1	27251
19884	$e^+e^- \to \mu^+\nu_\mu\rho^-D^{*+}D_1'^-$	2665	1	27252
19885	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^0D^{*+}\bar{D}^{*-}\bar{n}\Sigma^0$	19884	1	27253
19886	$e^+e^- \to \rho^0\rho^-K^0D^{*+}\eta_c\gamma$	19885	1	27254
19887	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^+\eta_c$	19886	1	27255
19888	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^+\bar{D}^{*-}\bar{D}^{*0}$	19887	1	27256
19889	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0D^+D_s^-\Delta^0\bar{\Delta}^+$	594	1	27257
19890	$e^+e^- \to \rho^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	19889	1	27258
19891	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*0}$	19890	1	27259
19892	$e^+e^- \to K^0D^{*+}D_s^{*-}\eta_c$	19891	1	27260
19893	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^-D^{*+}\bar{n}p$	19892	1	27261
19894	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*-}\Sigma^+\bar{\Sigma}^-$	19893	1	27262
19895	$e^+e^- \to \rho^0\pi^+\rho^+D^-\bar{D}^{*-}\gamma\gamma$	19894	1	27263
19896	$e^+e^- \to \omega K^{*-}D^{*+}n\bar{\Sigma}_c^0$	19895	1	27264
19897	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^*K^{*+}D^+D^-$	19896	1	27265
19898	$e^+e^- \to \pi^0\pi^+\pi^+D^+\bar{D}^{*-}D_s^-\Sigma^-\bar{\Sigma}^0$	19897	1	27266
19899	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\omega K^0D^{*+}\bar{n}p$	19898	1	27267
19900	$e^+e^- \to \pi^0\bar{K}^0D^+\bar{D}^{*-}n\bar{\Sigma}_c^0$	19899	1	27268
19901	$e^+e^- \to \rho^+D^{*+}\Delta^+\Delta^+\bar{\Delta}^{++}\bar{\Sigma}_c^{*--}\gamma$	19900	1	27269
19902	$e^+e^- \to \pi^+K^+D^0D_s^{*-}\Delta^+\bar{\Sigma}_c^{--}$	19901	1	27270
19903	$e^+e^- \to e^+\nu_e\eta K^*D^-\eta_c$	19902	1	27271
19904	$e^+e^- \to \pi^+\pi^-\bar{K}^*K^-D^+D^{*+}D_s^-$	19903	1	27272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19905	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\eta' D^- D^{*+}$	19904	1	27273
19906	$e^+e^- \to \mu^+\nu_\mu\eta K^* K^- \phi D^+ \bar{D}^{*-}$	19905	1	27274
19907	$e^+e^- \to \rho^0\pi^+\omega K^+ K^- D^- \bar{D}^{*-} D_s^{*+}$	19906	1	27275
19908	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\rho^- D_2^{*-} D^{*0} p\bar{p}$	19907	1	27276
19909	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^0\rho^+ D^{*+}\bar{D}^{*-}$	152	1	27277
19910	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ K_1^0\psi(3770)$	19909	1	27278
19911	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\bar{K}^0 D^{*+}\bar{\Lambda}\Sigma_c^0$	19910	1	27279
19912	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega\bar{K}^0\phi D^- D^{*+}$	19911	1	27280
19913	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0 D^+ D^0\bar{D}^0$	19912	1	27281
19914	$e^+e^- \to \rho^+\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	19913	1	27282
19915	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\bar{K}^* K^+ K^{*-}\bar{D}^{*-}\bar{D}^{*-} D^0$	19914	1	27283
19916	$e^+e^- \to \pi^0\pi^+ K^0 K^*\bar{K}^* K^- D^{*+}\bar{D}^{*-}$	19915	1	27284
19917	$e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^- K^0 K^- D^+ D^-$	19916	1	27285
19918	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}\bar{n}p$	19917	1	27286
19919	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}$	19918	1	27287
19920	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta K^+ K^{*-} D^- D_2^{*-}$	19919	1	27288
19921	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta D^-\Sigma^-\bar{\Lambda}$	19920	1	27289
19922	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*0}$	19921	1	27290
19923	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- D^+\bar{D}^{*-}\bar{n}\Sigma^0\bar{\Sigma}^0\Sigma^{*0}$	19922	1	27291
19924	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta K^- K^{*+} D^-\bar{n}p$	19923	1	27292
19925	$e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^+ D_s^{*-}\gamma$	19924	1	27293
19926	$e^+e^- \to \pi^-\bar{K}^* K^+ D^- D^{*+} D^{*0}$	19925	1	27294
19927	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\omega\omega\bar{K}^* K^+ D_1^-$	19926	1	27295
19928	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega\bar{K}^0 D^- D^{*+}$	19927	1	27296
19929	$e^+e^- \to \rho^-\eta K^* D^+ D^{*+}\Delta^0\bar{\Delta}^+$	2668	1	27297
19930	$e^+e^- \to \pi^+\eta\eta\omega D^- D^{*+} D_{s1}'^-\gamma$	19929	1	27298
19931	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^- K^* D^{*+}\bar{D}^0 D_s^{*-}$	19930	1	27299
19932	$e^+e^- \to \eta\bar{K}^* K^+ K^- D^+\bar{D}^{*-}\bar{D}^{*0}$	19931	1	27300
19933	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{D}^0 D^{*0} D_s^+$	19932	1	27301
19934	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+ D^- D^-\bar{\Delta}^-\Delta^+$	19933	1	27302
19935	$e^+e^- \to K^0 D^- D^{*+} D_s^{*-}\bar{\Delta}^+\Delta^{++}$	19934	1	27303
19936	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-}$	19935	1	27304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19937	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\bar{D}^0D^{*0}$	19936	1	27305
19938	$e^+e^- \to \rho^0\pi^+\pi^-K^0\bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*-}$	19937	1	27306
19939	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	19938	1	27307
19940	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}$	19939	1	27308
19941	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\phi D^+\bar{D}^{*-}D_s^+$	19940	1	27309
19942	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}$	19941	1	27310
19943	$e^+e^- \to \pi^0\pi^-\omega K^0D^+D_s^+D_s^-$	19942	1	27311
19944	$e^+e^- \to \eta D^+D_2^{*-}D_sD_s^{*+}$	19943	1	27312
19945	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	19944	1	27313
19946	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+\pi^-\pi^-D^{*0}$	19945	1	27314
19947	$e^+e^- \to \rho^0\rho^-K^0\bar{K}^*K^{*+}D^-D^{*+}$	19946	1	27315
19948	$e^+e^- \to \pi^-\pi^-\bar{K}^0K^*K^+D^+D^+D^-$	19947	1	27316
19949	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^-D^{*+}D_s^{*+}$	19948	1	27317
19950	$e^+e^- \to \pi^0\pi^+\eta D^+\bar{D}^{*-}D_s^-\Sigma^+\bar{\Sigma}^-$	19949	1	27318
19951	$e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-}a_1^+$	19950	1	27319
19952	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	19951	1	27320
19953	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0D^-D^{*+}\bar{D}^0$	19952	1	27321
19954	$e^+e^- \to \rho^+\rho^-\phi\bar{D}^0D_s^+D_s^-\gamma$	19953	1	27322
19955	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta D^+n\bar{n}\bar{p}\Delta^{++}$	19954	1	27323
19956	$e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}\bar{p}\Lambda_c^+$	19955	1	27324
19957	$e^+e^- \to \pi^+\eta\omega\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	19956	1	27325
19958	$e^+e^- \to K_LD_2^{*+}D_s^-\psi'$	19957	1	27326
19959	$e^+e^- \to \eta K^{*+}D^-D^{*0}D^{*0}$	19958	1	27327
19960	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega D^+D^-a_1^+$	19959	1	27328
19961	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^{*+}\bar{n}p$	19960	1	27329
19962	$e^+e^- \to \pi^-\omega D^+\bar{D}^{*-}D_s^{*+}$	19961	1	27330
19963	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	19962	1	27331
19964	$e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0\eta'D^+D^-$	2669	1	27332
19965	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^-$	19964	1	27333
19966	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_0^{*+}a_1^-\gamma$	19965	1	27334
19967	$e^+e^- \to \rho^0\rho^+D^-\bar{D}^{*-}D_{s1}'^+$	19966	1	27335
19968	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+D^-$	19967	1	27336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
19969	$e^+e^- \to e^+\nu_e D^- D^0 p\bar{\Delta}^+$	19968	1	27337
19970	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^* D^- \bar{D}^{*0}$	19969	1	27338
19971	$e^+e^- \to \rho^0\rho^0\pi^-\rho^-\eta\eta K^+ K^{*-} D^+ D^+$	19970	1	27339
19972	$e^+e^- \to \pi^0\pi^0\pi^- D^+ \bar{D}^{*-} D_s^{*+} n\bar{n}$	19971	1	27340
19973	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*0} a_1^+$	19972	1	27341
19974	$e^+e^- \to \rho^- K^* D^{*+} D_s^- D_1^+$	19973	1	27342
19975	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\omega\omega D^- D^{*+}$	19974	1	27343
19976	$e^+e^- \to \pi^-\omega\bar{K}^* K^+ D^+ D^- \bar{p}\Delta^+$	19975	1	27344
19977	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^- K^0 K^- D^+ D^0$	2670	1	27345
19978	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-} D_{s0}^{*-}$	19977	1	27346
19979	$e^+e^- \to \pi^0\pi^+\pi^- K^0\bar{K}^0 D^- D^{*+} D^{*+}\bar{D}^{*-}$	19978	1	27347
19980	$e^+e^- \to \rho^0\pi^+\pi^-\omega D^{*+} D_{s1}'^-$	19979	1	27348
19981	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta D^- D^{*+} D_s^{*-}$	19980	1	27349
19982	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- D^- D^{*0}$	19981	1	27350
19983	$e^+e^- \to e^-\bar{\nu}_e X_u^+\rho^+\bar{D}^{*-}$	19982	1	27351
19984	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega\omega D^- D^{*+}$	19983	1	27352
19985	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta' D^{*+} D_0^{*-}$	19984	1	27353
19986	$e^+e^- \to \rho^0 D^{*+}\bar{D}^{*-} D_s^{*+} D_s^{*-}$	19985	1	27354
19987	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0\bar{D}^0\chi_{c2}$	19986	1	27355
19988	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- K^+ D^- D^{*+} D^{*0}$	19987	1	27356
19989	$e^+e^- \to \pi^+\pi^+\eta\eta K^-\bar{D}^{*-} J/\psi$	19988	1	27357
19990	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega K^0\bar{K}^0 K^+ K^- D^0\bar{D}^0$	19989	1	27358
19991	$e^+e^- \to e^-\bar{\nu}_e\pi^- K^+ D^+ D^+\bar{D}^{*-}$	19990	1	27359
19992	$e^+e^- \to \pi^+\omega K^0 D^- D^- D^{*+}$	19991	1	27360
19993	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^0\bar{K}^0 D^+ D^-$	19992	1	27361
19994	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^- K^{*-} D^+ D^- D^{*0}$	19993	1	27362
19995	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0 D^+\Delta^0\bar{\Xi}_c^0$	19994	1	27363
19996	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$	19995	1	27364
19997	$e^+e^- \to \pi^0\rho^0\bar{K}^* K^+ D^- D^{*+} D_{s1}'^-$	19996	1	27365
19998	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^- K^* D^+ D^{*+}\bar{D}^{*-}$	19997	1	27366
19999	$e^+e^- \to \pi^0\pi^0\rho^+\eta D^- D^{*+}\bar{n}\Sigma^-$	2671	1	27367
20000	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*0} D_1^-$	19999	1	27368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20001	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta D^- D_2^{*+}$	20000	1	27369
20002	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^- K^0 D^{*+}\bar{D}^0$	20001	1	27370
20003	$e^+e^- \to \pi^0\pi^0\pi^0\rho^- K^+ D^{*0} D^{*0}\Delta^{++}\bar{\Delta}^{++}$	20002	1	27371
20004	$e^+e^- \to \tau^+\nu_\tau\rho^- D_2^{*+} D_1'^-$	20003	1	27372
20005	$e^+e^- \to K_L K^- D^{*+}\bar{D}^{*0}\eta_c$	20004	1	27373
20006	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	20005	1	27374
20007	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+} n\bar{p}$	20006	1	27375
20008	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+ D^-$	20007	1	27376
20009	$e^+e^- \to \mu^+\nu_\mu\rho^-\omega D^+ D_2^{*-}$	20008	1	27377
20010	$e^+e^- \to K^+ D^+\bar{D}^{*-} D^{*0} D_{s1}'^-$	20009	1	27378
20011	$e^+e^- \to \pi^0\pi^+\rho^- K^0 K^- D^{*+}\bar{D}^{*-} D_{s1}'^+$	20010	1	27379
20012	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+ D^+ D^- D_s^{*+}$	20011	1	27380
20013	$e^+e^- \to \rho^0\pi^+\pi^+\pi^- K^0\bar{K}^0\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-}$	20012	1	27381
20014	$e^+e^- \to \pi^+ K^- K^{*+} D^-\chi_{c1}$	153	1	27382
20015	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*-} D^+ D^{*+}\bar{D}^0$	20014	1	27383
20016	$e^+e^- \to \pi^0\pi^0\rho^+\eta' D^+\bar{D}^{*-} D_s^{*-}$	20015	1	27384
20017	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0 D^+\bar{D}^0 D^{*0}$	20016	1	27385
20018	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega K^+ K^+ K^- K^{*-} D^+ D_s^-$	20017	1	27386
20019	$e^+e^- \to \rho^0\pi^+\pi^+\rho^+\rho^- D^+ D^- n\bar{\Delta}^{++}$	20018	1	27387
20020	$e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^- K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	2673	1	27388
20021	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	20020	1	27389
20022	$e^+e^- \to \pi^0\rho^-\eta K^0 K^*\bar{K}^* D^+$	20021	1	27390
20023	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0 K^+ K^- K^{*+} D^+ D^-\bar{D}^0$	20022	1	27391
20024	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega\omega K^0 K^-\bar{D}^0 D_1^+$	20023	1	27392
20025	$e^+e^- \to e^-\bar{\nu}_e K^{*+} D^- D_2^{*+} D^0$	154	1	27393
20026	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta\omega\omega D^- D^-$	20025	1	27394
20027	$e^+e^- \to \pi^0 K^0 D^+ D^{*+}\bar{D}^{*-} a_1^-\gamma$	20026	1	27395
20028	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\rho^- K^{*+} D^+ D^{*+}$	20027	1	27396
20029	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0 D_s^{*+}$	20028	1	27397
20030	$e^+e^- \to \pi^0\pi^- D^+\bar{D}^0 D_s^+ D_s^{*-}$	20029	1	27398
20031	$e^+e^- \to \pi^-\rho^+\rho^+\bar{D}^{*-}\bar{\Delta}^- n D_1'^-$	20030	1	27399
20032	$e^+e^- \to \rho^+\rho^- D^+\bar{D}^{*-}\gamma$	20031	1	27400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20033	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{p}$	20032	1	27401
20034	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	20033	1	27402
20035	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	20034	1	27403
20036	$e^+e^- \to K_LD^{*+}D_s^-J/\psi$	20035	1	27404
20037	$e^+e^- \to \eta\bar{K}^0K^+D^-D^{*0}\bar{D}^{*0}$	20036	1	27405
20038	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^0\bar{D}^0n\bar{\Delta}^0$	20037	1	27406
20039	$e^+e^- \to \pi^0\pi^-\pi^-K^+D^+\bar{D}^{*-}n\bar{n}\bar{n}p$	20038	1	27407
20040	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0\bar{K}^0K^+\phi D^-$	20039	1	27408
20041	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^-\bar{D}^{*-}D_s^+$	20040	1	27409
20042	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^+K^-\phi D^{*+}$	20041	1	27410
20043	$e^+e^- \to e^+\nu_e\eta K^*\bar{D}^{*-}\bar{\Sigma}^+\Omega^-$	20042	1	27411
20044	$e^+e^- \to \pi^+D^0D_s^{*+}D_s^{*-}D_1^-$	20043	1	27412
20045	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega D^+$	20044	1	27413
20046	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	20045	1	27414
20047	$e^+e^- \to e^-\bar{\nu}_eD^+D_s^-D_1^+$	20046	1	27415
20048	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta\omega D^+D^-\bar{n}p$	2675	1	27416
20049	$e^+e^- \to \rho^0K^+\bar{D}^{*-}D^{*0}D^{*0}$	20048	1	27417
20050	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\bar{K}^0K^*D^+D_1^-$	20049	1	27418
20051	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega K^0K^0\bar{K}^0\bar{K}^0D^-D^{*+}$	20050	1	27419
20052	$e^+e^- \to \pi^0\pi^0\rho^+\eta\eta'D^+D^-D_s^-$	20051	1	27420
20053	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}$	20052	1	27421
20054	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{K}^0\phi D^{*+}\bar{D}^{*-}$	20053	1	27422
20055	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	20054	1	27423
20056	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	20055	1	27424
20057	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+p\bar{\Xi}_c^-$	2676	1	27425
20058	$e^+e^- \to \eta\bar{K}^0K^*K^{*+}K^{*-}D^-D^{*+}$	20057	1	27426
20059	$e^+e^- \to \pi^+\pi^-\omega K^+K^-D^+\bar{D}^{*-}$	20058	1	27427
20060	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\bar{K}^0K^+D^+\bar{D}^{*-}$	20059	1	27428
20061	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}D^{*0}$	20060	1	27429
20062	$e^+e^- \to \pi^0\rho^-D^+D_2^{*-}D_s^{*+}\Sigma^+\bar{\Sigma}^-$	20061	1	27430
20063	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\eta D^{*+}\bar{D}^{*-}$	20062	1	27431
20064	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}D^{*+}D_{s1}'^-$	20063	1	27432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20065	$e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D^-\eta_c$	20064	1	27433
20066	$e^+e^- \to \rho^-D^+D^-D_{s0}^{*+}$	20065	1	27434
20067	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-}$	20066	1	27435
20068	$e^+e^- \to D^+\bar{D}^{*-}D_{s0}^{*-}D_{s1}'^+$	20067	1	27436
20069	$e^+e^- \to e^+\nu_e\rho^+\Sigma^{*0}\bar{\Xi}_c^{*-}D_1'^-$	20068	1	27437
20070	$e^+e^- \to \pi^-\rho^+\rho^-\eta\omega D^+D^-\bar{n}p$	20069	1	27438
20071	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+D^+D_s^{*-}$	20070	1	27439
20072	$e^+e^- \to \mu^-\bar{\nu}_\mu K_L D_0^{*+}\chi_{c0}$	20071	1	27440
20073	$e^+e^- \to \omega D^{*+}\bar{D}^{*0}a_1^-$	20072	1	27441
20074	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\bar{D}^0\bar{\Delta}^0\Xi_c^{*0}$	20073	1	27442
20075	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\eta\eta\bar{K}^0D^-D^{*+}$	20074	1	27443
20076	$e^+e^- \to e^+\nu_e\pi^-D^-\bar{n}\Sigma_c^{*+}$	20075	1	27444
20077	$e^+e^- \to \pi^0K^0\bar{K}^*K^-\eta_c p\bar{\Lambda}$	20076	1	27445
20078	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0K^+\bar{D}^{*-}D_1'^+$	20077	1	27446
20079	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-D^{*+}p\bar{\Xi}_c'^0$	20078	1	27447
20080	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^0\bar{\Delta}^0\Sigma^{*0}$	20079	1	27448
20081	$e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++}$	20080	1	27449
20082	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-$	20081	1	27450
20083	$e^+e^- \to \mu^+\nu_\mu\eta K^{*-}\bar{D}^{*-}D_s^{*+}$	20082	1	27451
20084	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_2^{*+}D_0^{*-}$	20083	1	27452
20085	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-J/\psi$	20084	1	27453
20086	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0\Delta^+\bar{\Sigma}_c^{--}$	20085	1	27454
20087	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+D^+\bar{D}^{*-}\bar{\Lambda}\Sigma^+$	20086	1	27455
20088	$e^+e^- \to \rho^+K_2^{*0}K^-\bar{D}^0J/\psi$	20087	1	27456
20089	$e^+e^- \to \pi^0K^*D^0\bar{D}^0D_s^{*-}D_1^+$	20088	1	27457
20090	$e^+e^- \to \pi^0\pi^0\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	20089	1	27458
20091	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	20090	1	27459
20092	$e^+e^- \to \pi^+\pi^-D^-\bar{D}^0D_s^{*+}\bar{\Delta}^-\Delta^-$	20091	1	27460
20093	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega\omega\bar{K}^0K^+D^-D^{*+}$	20092	1	27461
20094	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\rho^0\pi^+\omega D^-D^{*+}$	20093	1	27462
20095	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^+D_s^{*-}D_1^-$	20094	1	27463
20096	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\Delta^0\bar{\Sigma}_c^{*-}D_1'^+$	20095	1	27464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20097	$e^+e^- \to e^+\nu_e\pi^0\pi^+K^-D^-\eta_c(2S)$	2677	1	27465
20098	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{K}^0D^-\bar{D}^{*-}D_s^{*+}$	20097	1	27466
20099	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}\bar{n}\Delta^{++}$	20098	1	27467
20100	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega K^0K^*\bar{K}^*K^+K^-$	20099	1	27468
20101	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^-D^-\psi(3770)$	20100	1	27469
20102	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega\bar{K}^*K^+\eta'\bar{D}^{*-}D^0$	20101	1	27470
20103	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^+K^-D^{*+}\bar{D}^{*-}$	20102	1	27471
20104	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta K^+K^{*-}D^-\bar{D}^{*-}$	20103	1	27472
20105	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^{*+}D^+\bar{D}^{*-}$	2678	1	27473
20106	$e^+e^- \to \rho^-D^{*+}D^{*+}\Delta^0\bar{\Delta}^+\Lambda\bar{\Sigma}^0$	20105	1	27474
20107	$e^+e^- \to \rho^0\rho^+K^0D^-D^{*+}a_1^-$	20106	1	27475
20108	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-\eta D^{*+}\bar{D}^0\bar{n}p$	20107	1	27476
20109	$e^+e^- \to \rho^0\pi^-D_2^{*+}D_s^{*-}\bar{\Lambda}\Lambda_c^+$	20108	1	27477
20110	$e^+e^- \to e^+\nu_e\pi^+\pi^+K^-D^-\bar{D}^{*-}D^{*0}$	20109	1	27478
20111	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^-D^{*+}\bar{D}^{*0}$	20110	1	27479
20112	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	20111	1	27480
20113	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-D^+D_1'^-$	20112	1	27481
20114	$e^+e^- \to \rho^0\pi^+\eta K^0K^-D^+\bar{D}^{*-}$	20113	1	27482
20115	$e^+e^- \to e^+\nu_e\rho^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	20114	1	27483
20116	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega K^-K^{*+}D^+D^-$	2679	1	27484
20117	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0D^-D^{*+}\bar{D}^{*-}$	20116	1	27485
20118	$e^+e^- \to \pi^0\pi^+K^0K^+K^-K^-D^{*+}\bar{D}^{*-}D^{*0}$	20117	1	27486
20119	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-D^+\bar{D}^{*-}n\bar{p}$	20118	1	27487
20120	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}$	20119	1	27488
20121	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^*K^-D^+D^-$	20120	1	27489
20122	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+D^-D_1'^-$	2680	1	27490
20123	$e^+e^- \to \pi^0\pi^-\eta D^+\bar{D}^{*-}D_{s1}^+$	20122	1	27491
20124	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+D^-$	20123	1	27492
20125	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*0}\Delta^+\bar{\Delta}^+D_1^+$	20124	1	27493
20126	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^{*+}D^0$	20125	1	27494
20127	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{n}p$	20126	1	27495
20128	$e^+e^- \to e^+\nu_e\pi^0\rho^0\omega\omega K^-D^+D^-$	20127	1	27496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20129	$e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}D^{*0}$	20128	1	27497
20130	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi$	20129	1	27498
20131	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega K^-D^{*0}\bar{D}^{*0}$	20130	1	27499
20132	$e^+e^- \to \pi^-\omega K^0D^+\eta_c$	20131	1	27500
20133	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta D^+\bar{D}^{*-}$	20132	1	27501
20134	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*J/\psi D_1'^+$	20133	1	27502
20135	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\rho^+D^-D^{*+}$	20134	1	27503
20136	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+D^-D^{*+}$	155	1	27504
20137	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\omega\omega D^+D^-$	20136	1	27505
20138	$e^+e^- \to \pi^+\omega K^0K^{*-}D^{*+}\bar{D}^{*-}D^0$	20137	1	27506
20139	$e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}D_{s1}'^-$	20138	1	27507
20140	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}D^{*0}$	20139	1	27508
20141	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-D^+p\bar{\Xi}_c'^0$	20140	1	27509
20142	$e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	20141	1	27510
20143	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	20142	1	27511
20144	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\eta\eta D^+D^{*+}$	20143	1	27512
20145	$e^+e^- \to \pi^0\rho^-D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+$	599	1	27513
20146	$e^+e^- \to \rho^-K^0K^0\eta'D^{*+}p\bar{p}\bar{K}_0^{*0}$	20145	1	27514
20147	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-D_{s0}^{*-}$	20146	1	27515
20148	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta K^+D^-\bar{D}^{*0}$	20147	1	27516
20149	$e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}a_1^+$	20148	1	27517
20150	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^{*+}D_2^{*-}D_s^{*+}$	2683	1	27518
20151	$e^+e^- \to e^-\bar{\nu}_eD^+K_1^0\psi(3770)$	20150	1	27519
20152	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*0}$	20151	1	27520
20153	$e^+e^- \to \pi^-\pi^-\rho^+\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^{*+}$	20152	1	27521
20154	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega\bar{K}^*p\bar{\Xi}_c'^-$	20153	1	27522
20155	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta'D^{*+}D_1'^-$	20154	1	27523
20156	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D^{*+}\bar{n}p$	20155	1	27524
20157	$e^+e^- \to K^0K^{*+}\bar{D}^{*-}D^0\bar{n}\Omega_c^0$	20156	1	27525
20158	$e^+e^- \to K^{*-}D^+D^{*+}\bar{D}^{*0}D_{s1}'^-\gamma$	20157	1	27526
20159	$e^+e^- \to \rho^+\omega D^+D^-D_{s0}^{*-}$	20158	1	27527
20160	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\eta'D^{*+}\bar{D}^{*-}$	20159	1	27528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20161	$e^+e^- \to e^+\nu_e\pi^0 D^- D^0 \bar{\Sigma}^+\Sigma^-$	20160	1	27529
20162	$e^+e^- \to \pi^+\pi^- K^* K^+ K^+ \phi \bar{D}^{*-} D_s^- \bar{p}\Sigma^+$	20161	1	27530
20163	$e^+e^- \to \rho^0\omega\bar{K}^0 K^{*+} D^- D^{*+} D_{s1}^-$	20162	1	27531
20164	$e^+e^- \to \rho^0\eta K^* K^- D^{*+} n\bar{\Sigma}_c^{*0}$	20163	1	27532
20165	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\rho^-\eta\eta\omega D^+ D^+\gamma$	20164	1	27533
20166	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	20165	1	27534
20167	$e^+e^- \to \rho^0 K^0\bar{K}^0 K^{*-} D^{*+}\bar{D}^{*0}\bar{\Lambda}\Sigma^{*0}$	20166	1	27535
20168	$e^+e^- \to \pi^0\eta\eta K^* D^{*+}\Delta^+\bar{\Delta}^{++}$	20167	1	27536
20169	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^- D^{*+} D_1^+$	20168	1	27537
20170	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+} p\bar{p}$	20169	1	27538
20171	$e^+e^- \to \pi^0\pi^+\pi^+ K^- D^+ D^- \bar{D}^{*0} n\bar{p}$	20170	1	27539
20172	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-}$	20171	1	27540
20173	$e^+e^- \to \pi^0\rho^-\eta K^{*+} D^+ D^- D^{*0}$	20172	1	27541
20174	$e^+e^- \to \rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	2684	1	27542
20175	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^- D^0 D_s^{*+} D_s^{*-}$	20174	1	27543
20176	$e^+e^- \to \pi^0\pi^0\pi^0\eta\omega\omega D^{*0}\bar{D}^{*0}\bar{n}\Delta^0$	20175	1	27544
20177	$e^+e^- \to \rho^0\pi^- K^+ D_2^{*+} D^0\bar{D}^0 D_s^-$	20176	1	27545
20178	$e^+e^- \to \pi^0\pi^+ K^+ K^{*-} D^{*+}\bar{D}^{*-} D_s^{*-}$	20177	1	27546
20179	$e^+e^- \to \pi^+\rho^-\bar{K}^0 K^+ D^- D^{*+} a_1^-$	20178	1	27547
20180	$e^+e^- \to \bar{K}^0 D_2^{*-} D_s^{*+}\bar{\Delta}^0\Sigma_c^0$	600	1	27548
20181	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0 K^+ D^- D^{*+} n\bar{p}$	20180	1	27549
20182	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ K^0 D^+\bar{D}^{*-}$	20181	1	27550
20183	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^- D_s^- D_s^{*+}$	20182	1	27551
20184	$e^+e^- \to K^*\bar{K}^* D^- D^{*+} D^{*+}\bar{D}^{*-}$	20183	1	27552
20185	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+ D^{*+}\Delta^0\bar{\Xi}_c^{*-}$	20184	1	27553
20186	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^* D^+\gamma$	20185	1	27554
20187	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\bar{K}^* D^- D^- D^{*0}$	20186	1	27555
20188	$e^+e^- \to K_S K^+\bar{D}^{*-} D^{*0}\eta_c$	20187	1	27556
20189	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0 D^+\bar{D}^{*-}$	20188	1	27557
20190	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^- D^0 D_s^-$	2686	1	27558
20191	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\rho^-\bar{D}^{*-} D_1'^-$	20190	1	27559
20192	$e^+e^- \to D^{*+}\bar{D}^{*0} D_s^{*-} n\bar{\Delta}^0$	20191	1	27560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20193	$e^+e^- \to \pi^0\rho^0\rho^-\omega D^+\Delta^0\bar{\Sigma}_c^0$	20192	1	27561
20194	$e^+e^- \to \rho^+\eta\omega D^{*+}\bar{D}^{*-}D_{s1}'^-$	20193	1	27562
20195	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0K^{*-}D^+\bar{D}^{*-}$	20194	1	27563
20196	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^+D^-p\bar{p}$	20195	1	27564
20197	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^-D^{*+}D_1'^+$	20196	1	27565
20198	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{n}\Delta^+$	20197	1	27566
20199	$e^+e^- \to \rho^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	20198	1	27567
20200	$e^+e^- \to D^+D^-D_s^+D_s^-$	20199	1	27568
20201	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\bar{K}^0K^+K^-D^-D^{*+}\bar{D}^{*0}$	20200	1	27569
20202	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^0D^-D^{*+}\bar{D}^{*-}$	20201	1	27570
20203	$e^+e^- \to \pi^0K^0D^{*+}D^{*+}\bar{D}^{*-}D_s^-$	20202	1	27571
20204	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+K^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	20203	1	27572
20205	$e^+e^- \to \pi^0\eta D^+\bar{D}^{*-}\bar{D}^0$	20204	1	27573
20206	$e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0D_s^{*+}D_1^-$	20205	1	27574
20207	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\bar{K}^0D^{*+}\psi'$	20206	1	27575
20208	$e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	20207	1	27576
20209	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	20208	1	27577
20210	$e^+e^- \to \pi^0\pi^0\omega\bar{K}^0D^-D^-D^{*+}D_s^+$	20209	1	27578
20211	$e^+e^- \to \pi^0\pi^0K^0D^+\bar{D}^{*0}D_{s1}'^-$	20210	1	27579
20212	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	20211	1	27580
20213	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-$	20212	1	27581
20214	$e^+e^- \to \tau^+\nu_\tau\pi^-K^+K^-D^{*+}\bar{D}^{*-}$	20213	1	27582
20215	$e^+e^- \to \pi^0\pi^+\eta\eta K^+D^-\bar{D}^{*-}D^{*0}$	20214	1	27583
20216	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\omega D^-D^{*+}$	20215	1	27584
20217	$e^+e^- \to \pi^0K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^-D_s^{*+}$	20216	1	27585
20218	$e^+e^- \to \bar{K}^0D^-D^0\bar{D}^{*0}D_{s0}^{*+}\gamma\gamma$	20217	1	27586
20219	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}n\bar{\Sigma}_c^0$	20218	1	27587
20220	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0}$	20219	1	27588
20221	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\omega\bar{K}^0K^{*+}D^+\bar{D}^{*0}$	20220	1	27589
20222	$e^+e^- \to \pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^{*-}\bar{p}\Delta^{++}$	20221	1	27590
20223	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_s^{*+}D_1'^-$	20222	1	27591
20224	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^*K^+K^{*-}D^{*+}\bar{D}^{*-}$	20223	1	27592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20225	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\eta\eta D^{*+}D^{*+}$	20224	1	27593
20226	$e^+e^- \to \pi^+\pi^-K^-D^+\Delta^{++}\bar{\Delta}^{++}\chi_{c1}$	20225	1	27594
20227	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^0$	20226	1	27595
20228	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-K^{*+}D^+D^-D^{*+}$	20227	1	27596
20229	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^0p\bar{p}$	20228	1	27597
20230	$e^+e^- \to \pi^0K^*D^{*+}\bar{D}^0D^{*0}D_{s1}^-$	20229	1	27598
20231	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}D_2^{*-}$	20230	1	27599
20232	$e^+e^- \to e^+\nu_e\pi^0\eta\eta D^+D^-n\bar{p}$	20231	1	27600
20233	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^0K^*D^-D^-D_s^{*+}$	20232	1	27601
20234	$e^+e^- \to \mu^+\nu_\mu K^*K^{*-}D^{*+}\bar{D}^{*-}$	20233	1	27602
20235	$e^+e^- \to \pi^0\rho^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	20234	1	27603
20236	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^+\bar{D}^{*-}\bar{n}\Delta^0$	20235	1	27604
20237	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	20236	1	27605
20238	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}$	20237	1	27606
20239	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}D_1^-$	20238	1	27607
20240	$e^+e^- \to \rho^0\pi^+\eta D^-\bar{\Delta}^0\bar{\Sigma}^+\Sigma^-\Sigma_c^0$	20239	1	27608
20241	$e^+e^- \to \pi^0\pi^+\rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	20240	1	27609
20242	$e^+e^- \to \pi^0\pi^+D^{*+}D^0D_s^{*-}D_s^{*-}$	20241	1	27610
20243	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}D^{*0}D^{*0}$	20242	1	27611
20244	$e^+e^- \to \pi^+\pi^-D^+\Delta^0\bar{\Lambda}_c^-$	20243	1	27612
20245	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}D^{*+}\bar{D}^{*-}$	2687	1	27613
20246	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}$	20245	1	27614
20247	$e^+e^- \to \pi^0\pi^0\omega K^0\bar{K}^0\eta_c\chi_{c1}$	2688	1	27615
20248	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\bar{K}^*K^+D^+\bar{D}^{*-}$	20247	1	27616
20249	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0D^-D^{*+}$	20248	1	27617
20250	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^-\bar{K}^*K^+D^+D_0^{*+}$	20249	1	27618
20251	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^-D^{*+}D_s^+$	20250	1	27619
20252	$e^+e^- \to \rho^+\eta\eta D^{*+}\bar{D}^{*-}D_{s1}^-$	20251	1	27620
20253	$e^+e^- \to \pi^0\pi^0K^*D^+D^-D^{*+}n\bar{\Delta}^+$	20252	1	27621
20254	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D^{*0}\bar{n}p$	20253	1	27622
20255	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^+\rho^-D^-D^{*+}$	20254	1	27623
20256	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega D^+D_1^-$	2689	1	27624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20257	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}D^0$	20256	1	27625
20258	$e^+e^- \to \mu^+\nu_\mu\pi^+\eta\bar{D}^{*-}D_1'^-$	20257	1	27626
20259	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^+D^{*+}$	20258	1	27627
20260	$e^+e^- \to \pi^+\pi^-K^0D^+\bar{D}^0D^{*0}a_1^-$	20259	1	27628
20261	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*0}$	20260	1	27629
20262	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi$	20261	1	27630
20263	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^{*+}\psi(3770)$	20262	1	27631
20264	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^-\bar{\Delta}^-\Delta^0$	20263	1	27632
20265	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega D^-D_2^{*+}$	20264	1	27633
20266	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D_1^-$	20265	1	27634
20267	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0n\bar{n}D_1^-$	20266	1	27635
20268	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}n\bar{\Delta}^{++}$	20267	1	27636
20269	$e^+e^- \to \pi^+D^+D_s^{*-}\Delta^+\bar{\Sigma}_c^{--}$	20268	1	27637
20270	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^+D^-D^{*0}D_1^+$	20269	1	27638
20271	$e^+e^- \to \pi^-\rho^-K^+K^-D^+D^+$	20270	1	27639
20272	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\omega D^-D^{*+}$	20271	1	27640
20273	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}n\Delta^+\bar{\Delta}^+\bar{\Lambda}$	20272	1	27641
20274	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-D^+D^+$	20273	1	27642
20275	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	20274	1	27643
20276	$e^+e^- \to K^+K^-\bar{D}^{*-}D^0\bar{\Delta}^0\Sigma_c^{*+}$	20275	1	27644
20277	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^0$	20276	1	27645
20278	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^+\bar{D}^0D^{*0}$	20277	1	27646
20279	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-K^+D^+\eta_c$	20278	1	27647
20280	$e^+e^- \to \pi^-\eta K^+D^-D^{*+}D^{*+}D_s^{*-}$	20279	1	27648
20281	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	20280	1	27649
20282	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+D^+\bar{D}^{*-}$	20281	1	27650
20283	$e^+e^- \to \pi^+\pi^-\rho^-K^0D^{*+}\chi_{c1}$	20282	1	27651
20284	$e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}D_s^-$	20283	1	27652
20285	$e^+e^- \to \bar{K}^*K^+D^-D^{*0}J/\psi$	20284	1	27653
20286	$e^+e^- \to \pi^0\pi^-\pi^-\rho^-\eta K^{*+}D^+\eta_c\bar{n}\Delta^+$	20285	1	27654
20287	$e^+e^- \to \rho^0\pi^-\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^-\Sigma_c^{++}$	20286	1	27655
20288	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^-\eta\eta D^+D^-$	20287	1	27656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20289	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\eta K^+D^{*+}$	20288	1	27657
20290	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta K^0K^0\bar{K}^0K^-D^+D^-$	20289	1	27658
20291	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\bar{K}^0\eta' D^+D^{*+}a_1^-$	20290	1	27659
20292	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}$	20291	1	27660
20293	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	2690	1	27661
20294	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^{*+}D_s^+D_s^{*-}$	20293	1	27662
20295	$e^+e^- \to \pi^0K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^0\Xi_c'^0$	20294	1	27663
20296	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\bar{D}^{*-}D^{*0}\bar{n}\Delta^0$	20295	1	27664
20297	$e^+e^- \to \pi^0K_L\eta_c\bar{\Delta}^0\Sigma_c^{*0}$	20296	1	27665
20298	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\omega\omega K^-\bar{D}^{*-}D_1'^-$	20297	1	27666
20299	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+K^0K^+K^-K^{*-}D^-\bar{D}^{*0}$	2691	1	27667
20300	$e^+e^- \to \eta\bar{K}^0\bar{K}^0D^{*0}\bar{D}^{*0}J/\psi$	20299	1	27668
20301	$e^+e^- \to \pi^0\pi^0K^0D^{*+}D_s^{*-}\chi_{c1}$	20300	1	27669
20302	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}$	20301	1	27670
20303	$e^+e^- \to D^-\bar{D}^{*-}a_1^+a_1^+\gamma$	20302	1	27671
20304	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^0D^{*0}n\bar{n}$	20303	1	27672
20305	$e^+e^- \to \pi^0\pi^+\pi^-K^+D^0D_s^{*-}J/\psi$	20304	1	27673
20306	$e^+e^- \to \tau^+\nu_\tau\pi^-K^-K^{*+}D^+\bar{D}^{*-}$	20305	1	27674
20307	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^+D_2^{*+}\gamma$	20306	1	27675
20308	$e^+e^- \to \pi^-K^0D^+D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^0$	20307	1	27676
20309	$e^+e^- \to \pi^+\omega\bar{D}^{*-}\bar{D}^{*-}D_s^+\gamma$	20308	1	27677
20310	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	20309	1	27678
20311	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0K^*D^{*+}\bar{D}^{*0}$	2692	1	27679
20312	$e^+e^- \to e^+\nu_eK^*D^+D^-D_1'^-$	20311	1	27680
20313	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^-D^{*+}$	20312	1	27681
20314	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-K^{*+}D^+D^-D^{*0}$	20313	1	27682
20315	$e^+e^- \to e^-\bar{\nu}_eK^-D^+\bar{\Lambda}\Sigma_c^+$	20314	1	27683
20316	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta' D^-D_2^{*+}$	20315	1	27684
20317	$e^+e^- \to \pi^+\pi^+\rho^-\eta\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	20316	1	27685
20318	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^+\Delta^0\bar{\Sigma}_c^{*-}$	20317	1	27686
20319	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0D^-\chi_{c0}$	20318	1	27687
20320	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}^{*0}$	20319	1	27688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20321	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^- n\bar{\Xi}_c^0$	20320	1	27689
20322	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\bar{D}^{*-}D_0^{*+}$	20321	1	27690
20323	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^+$	20322	1	27691
20324	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0K^{*+}D^+D^-$	20323	1	27692
20325	$e^+e^- \to \rho^0\pi^+\rho^-\eta D^-D^{*+}$	20324	1	27693
20326	$e^+e^- \to e^+\nu_e\bar{K}^0D^-D_s^+D_s^-$	20325	1	27694
20327	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^0K^-D^+D^+$	20326	1	27695
20328	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-\eta D^+D^-n\bar{p}$	20327	1	27696
20329	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega K^*\eta_c D_1'^+$	2693	1	27697
20330	$e^+e^- \to e^+\nu_e X_u^-\pi^+D^0D_s^{*-}$	20329	1	27698
20331	$e^+e^- \to \pi^0\pi^+\eta\omega K^0K^0\bar{K}^*K^-D^+D^-$	20330	1	27699
20332	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\rho^-D^{*+}$	20331	1	27700
20333	$e^+e^- \to \rho^+\omega D^-\bar{D}^{*-}\bar{\Sigma}^{*+}\Lambda$	20332	1	27701
20334	$e^+e^- \to \rho^0\rho^+\rho^-\eta\omega D^+D_1'^-$	20333	1	27702
20335	$e^+e^- \to \pi^+\pi^+\rho^-D^+D^-D_s^-$	20334	1	27703
20336	$e^+e^- \to \pi^0D^{*+}D_s^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	20335	1	27704
20337	$e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}\gamma$	601	1	27705
20338	$e^+e^- \to D^+D^{*+}D_s^{*-}D_{s0}^{*-}$	20337	1	27706
20339	$e^+e^- \to \rho^0\rho^+K^+K^-D^-\bar{D}^{*-}D_{s1}^+$	20338	1	27707
20340	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^+D^+p\bar{p}$	20339	1	27708
20341	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^+D^-$	20340	1	27709
20342	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\omega D^-D^0$	20341	1	27710
20343	$e^+e^- \to \rho^0\rho^+\eta D^-D^{*+}D_s^-$	20342	1	27711
20344	$e^+e^- \to \mu^+\nu_\mu\omega\omega\bar{D}^{*-}D^{*0}$	20343	1	27712
20345	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^+K^{*-}D^-D^{*+}$	20344	1	27713
20346	$e^+e^- \to \pi^+\rho^+\eta\eta K^-D^+D^-D^-$	20345	1	27714
20347	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*0}$	20346	1	27715
20348	$e^+e^- \to \pi^0K^0D^-\bar{\Delta}^+\Delta^{++}\chi_{c1}$	2695	1	27716
20349	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega K^0D^+D_s^{*+}D_s^{*-}$	20348	1	27717
20350	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta' D^+D_2^{*-}\Delta^-\bar{p}$	20349	1	27718
20351	$e^+e^- \to \pi^-\eta\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	2696	1	27719
20352	$e^+e^- \to \rho^0\pi^+\omega\omega D^-D^{*+}a_1^-$	20351	1	27720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20353	$e^+e^- \to \pi^+K^0D^-D^{*+}D^{*0}D_s^{*-}$	20352	1	27721
20354	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0K^+D^-\bar{p}\Lambda_c^+$	20353	1	27722
20355	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+\eta'\bar{D}^{*-}D_0^{*+}$	20354	1	27723
20356	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta K^*\bar{K}^*D^{*+}D^{*+}$	20355	1	27724
20357	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0$	20356	1	27725
20358	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta\eta K^0D^+\bar{D}^0D^{*0}$	20357	1	27726
20359	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	20358	1	27727
20360	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}D^{*0}\bar{D}^{*0}$	20359	1	27728
20361	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^0\bar{D}^{*-}J/\psi$	20360	1	27729
20362	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^{*0}D_s^-D_s^{*+}$	20361	1	27730
20363	$e^+e^- \to \eta K^*D^+D^-D^{*+}D_s^{*-}$	20362	1	27731
20364	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^0D^-D^{*+}\Delta^-\bar{\Delta}^0$	20363	1	27732
20365	$e^+e^- \to \rho^0\rho^+K^0K^{*-}D^0\bar{D}^0\bar{D}^0$	20364	1	27733
20366	$e^+e^- \to \bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda}$	20365	1	27734
20367	$e^+e^- \to \pi^+\pi^-K^0D^+\bar{D}^{*-}\bar{p}\Lambda_c^+$	20366	1	27735
20368	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^+D_1^-$	20367	1	27736
20369	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^0D^{*0}$	20368	1	27737
20370	$e^+e^- \to \pi^0K^0K^+D^-D^-D^{*+}D^0$	20369	1	27738
20371	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^+\chi_{c2}$	20370	1	27739
20372	$e^+e^- \to e^+\nu_e\pi^+\rho^-\rho^-D^-D^{*+}$	602	1	27740
20373	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\eta'D^{*+}\bar{D}^{*0}$	20372	1	27741
20374	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	20373	1	27742
20375	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^+D^-D^0D_1^+$	20374	1	27743
20376	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^0D^{*+}\bar{D}^{*0}$	20375	1	27744
20377	$e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}D^0D_s^{*-}$	2698	1	27745
20378	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	20377	1	27746
20379	$e^+e^- \to D^-D^{*+}D_{s1}^-a_1^+$	20378	1	27747
20380	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	20379	1	27748
20381	$e^+e^- \to \pi^+\rho^+D^{*+}\bar{D}^{*-}n\bar{\Delta}^+D_{s0}^{*-}$	20380	1	27749
20382	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+K^-\phi D^-D^{*+}\bar{D}^0$	20381	1	27750
20383	$e^+e^- \to \rho^0\rho^+\omega\omega\bar{K}^0\eta'D^+D^-D^-$	20382	1	27751
20384	$e^+e^- \to \pi^0\pi^+\omega K^*K^-D^+D^-D^{*0}$	20383	1	27752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20385	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- D^{*0}\bar{D}^{*0}n\bar{p}$	20384	1	27753
20386	$e^+e^- \to \rho^- K^+ D^+ D^- D^{*0}$	20385	1	27754
20387	$e^+e^- \to \tau^+\nu_\tau\rho^+ D^-\bar{p}\Sigma_c^0$	20386	1	27755
20388	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-}D_1'^+$	20387	1	27756
20389	$e^+e^- \to \rho^0\pi^+\omega\bar{K}^* D^- D^0\bar{D}^0$	20388	1	27757
20390	$e^+e^- \to K^* D^- D^- D^{*+}\bar{\Delta}^-\Delta^0$	20389	1	27758
20391	$e^+e^- \to K^* D^{*+}\bar{D}^{*-}D_s^{*+}D_1'^-$	20390	1	27759
20392	$e^+e^- \to \pi^0\rho^0\pi^- D^- D^{*+}D_{s1}^+$	20391	1	27760
20393	$e^+e^- \to \rho^0\pi^+\omega K^0\bar{K}^0 D_s^+ D_s^- D_s^-$	20392	1	27761
20394	$e^+e^- \to \mu^+\nu_\mu X_u^- D^- D_{s0}^{*+}$	20393	1	27762
20395	$e^+e^- \to \rho^0 K^0 D_2^{*+}D_s^{*-}\eta_c$	20394	1	27763
20396	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\omega D^- D^-$	20395	1	27764
20397	$e^+e^- \to \mu^+\nu_\mu D^{*+}n\bar{p}D_1^-$	20396	1	27765
20398	$e^+e^- \to D^- D^{*+}\bar{D}^{*-}\bar{n}p$	20397	1	27766
20399	$e^+e^- \to e^+\nu_e\bar{K}^0 K^+ K^-\bar{D}^{*-}D^0$	20398	1	27767
20400	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	20399	1	27768
20401	$e^+e^- \to \pi^0\pi^0 K^* K^+ D^- D^{*+}\bar{D}^{*-}D^0$	20400	1	27769
20402	$e^+e^- \to \pi^-\pi^-\rho^+\rho^- K^+ D^{*+}D^0\bar{D}^0$	20401	1	27770
20403	$e^+e^- \to \pi^-\eta\omega\omega K^{*-}D^+ D^+$	20402	1	27771
20404	$e^+e^- \to \pi^0\pi^0\pi^-\rho^- K^+ D^{*+}D^{*+}\bar{D}^{*-}$	20403	1	27772
20405	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^- D^0\bar{D}^0$	20404	1	27773
20406	$e^+e^- \to \pi^+\pi^- K^+ K^- D^+\bar{D}^{*-}\bar{D}^0 D^{*0}$	20405	1	27774
20407	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta' D^+ D^- n\bar{p}$	20406	1	27775
20408	$e^+e^- \to \pi^- D^{*+}\bar{D}^{*-}D_s^+ p\bar{p}$	20407	1	27776
20409	$e^+e^- \to \pi^+\rho^+\omega K^{*-}D^- D^{*0}\bar{D}^{*0}\gamma$	20408	1	27777
20410	$e^+e^- \to \pi^+\pi^-\omega D^+ D^{*+}\Sigma^-\bar{\Sigma}^{*-}$	20409	1	27778
20411	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}J/\psi\bar{\Sigma}^+\Sigma^0$	2699	1	27779
20412	$e^+e^- \to \pi^-\omega D^- D^{*+}\bar{n}p$	20411	1	27780
20413	$e^+e^- \to \rho^0\pi^+\omega K^0 K^* K^- D^{*+}D_s^{*-}$	20412	1	27781
20414	$e^+e^- \to \pi^0\pi^-\bar{K}^0 D^+ D^- D_s^+$	20413	1	27782
20415	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\eta' D^- D^{*+}$	20414	1	27783
20416	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+ D^+ D^- D^0$	2700	1	27784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20417	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^0 D^+ D_s^-$	20416	1	27785
20418	$e^+e^- \to e^+\nu_e\rho^0\pi^-\bar{K}^0 K^{*+}\bar{D}^{*-}\bar{D}^{*0}$	20417	1	27786
20419	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^- K^* D^+ D^+ D^-$	20418	1	27787
20420	$e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}D^0$	20419	1	27788
20421	$e^+e^- \to \rho^0\rho^0\pi^+\omega D^{*+}\bar{D}^{*-}a_1^-$	20420	1	27789
20422	$e^+e^- \to \eta' D^{*+}\bar{D}^0\Delta^+\bar{\Delta}^{++}$	20421	1	27790
20423	$e^+e^- \to e^+\nu_e D^+ D_s^- D_0^{*-}$	2701	1	27791
20424	$e^+e^- \to D^{*+}\bar{D}^0 D_s^{*-} n\bar{n}$	20423	1	27792
20425	$e^+e^- \to D^- D_2^{*+} D_s^+ D_s^{*-}$	20424	1	27793
20426	$e^+e^- \to \pi^0\pi^+\rho^- K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p$	20425	1	27794
20427	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega D^- D^{*0}$	20426	1	27795
20428	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- D^{*+}\bar{D}^{*-}\bar{n}\Delta^{++}$	20427	1	27796
20429	$e^+e^- \to K^0 D^{*+} D_s^{*-} p\bar{\Lambda}_c^-$	20428	1	27797
20430	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	20429	1	27798
20431	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\omega\bar{K}^0 D^{*+}\bar{D}^0$	20430	1	27799
20432	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^0 D_s^{*+}$	20431	1	27800
20433	$e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^0\bar{K}^0 K^+ K^- K^{*+} D^- D^- D^0$	2702	1	27801
20434	$e^+e^- \to \pi^-\eta K^- D^+ D^{*+}\bar{D}^{*0}$	20433	1	27802
20435	$e^+e^- \to \rho^+ K^*\bar{K}^* D^- D^{*+}\bar{D}^{*-}$	20434	1	27803
20436	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{*0}$	20435	1	27804
20437	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-}$	20436	1	27805
20438	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega\bar{K}^0 K^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	2703	1	27806
20439	$e^+e^- \to \pi^-\bar{K}^*\phi D^{*+}\bar{D}^{*-}\bar{D}^0 D_s^{*+}$	20438	1	27807
20440	$e^+e^- \to \rho^0\bar{K}^* K^- D^- D^{*+} D_s^+$	20439	1	27808
20441	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+}$	20440	1	27809
20442	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\bar{K}^0 D^+ D_1^-$	20441	1	27810
20443	$e^+e^- \to \pi^0\rho^+\rho^- D^-\bar{\Delta}^+\Sigma_c^{++}$	20442	1	27811
20444	$e^+e^- \to D^- D^{*+}\bar{n}pa_1^-$	20443	1	27812
20445	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^{*-}\bar{D}^{*-}D_s^+$	20444	1	27813
20446	$e^+e^- \to \pi^0\pi^+\rho^+ K^0\bar{K}^0 K^- K^-\bar{D}^{*-}D_s^+$	20445	1	27814
20447	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0$	20446	1	27815
20448	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^+ D^+ D^{*+}\bar{D}^{*-}$	20447	1	27816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20449	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\pi^+K^0K^-\bar{D}^{*-}D_1'^-$	20448	1	27817
20450	$e^+e^- \to \pi^+\rho^+\rho^-D^-D_2^{*-}D_s^+$	20449	1	27818
20451	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^{*+}D_1^-$	20450	1	27819
20452	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	20451	1	27820
20453	$e^+e^- \to \rho^0K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	20452	1	27821
20454	$e^+e^- \to \rho^0\pi^-K^0D^{*+}D^{*0}\bar{D}^{*0}p\bar{p}$	20453	1	27822
20455	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^*D^-D^{*+}$	20454	1	27823
20456	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^-D^{*+}n\bar{p}$	20455	1	27824
20457	$e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^*D^+D^-\Delta^0\bar{\Delta}^+$	20456	1	27825
20458	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	20457	1	27826
20459	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^{*+}D^-D^{*+}D^0$	20458	1	27827
20460	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D^{*+}a_1^+$	20459	1	27828
20461	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega\omega\omega D^{*+}\bar{D}^{*-}$	20460	1	27829
20462	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-}$	20461	1	27830
20463	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta K^-D^-D^{*+}\bar{n}\Delta^+$	20462	1	27831
20464	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-$	20463	1	27832
20465	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-D^-D^{*+}$	20464	1	27833
20466	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+\bar{D}^{*-}$	20465	1	27834
20467	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+D^+\bar{D}^{*-}n\bar{\Delta}^0$	2704	1	27835
20468	$e^+e^- \to K^*D^+D^+D^-\bar{D}^{*-}$	20467	1	27836
20469	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^-D^{*+}D_1^+$	20468	1	27837
20470	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^0K^-D^+D^+$	20469	1	27838
20471	$e^+e^- \to \rho^0\rho^0\rho^0\pi^-\pi^-\rho^+D^+D^-\bar{\Delta}^0\Delta^+\gamma$	20470	1	27839
20472	$e^+e^- \to \pi^-\omega\bar{K}^0D^+\bar{D}^0\bar{D}^0n\bar{n}$	20471	1	27840
20473	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-D^+pp\bar{p}\bar{\Sigma}_c^0$	20472	1	27841
20474	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^-D^{*+}D_s^-$	20473	1	27842
20475	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega\omega\bar{K}^0K^*\bar{D}^{*-}D^0$	20474	1	27843
20476	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta'D^{*+}\bar{D}^{*-}$	20475	1	27844
20477	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0D^+\bar{D}^{*-}\Sigma^-\bar{\Sigma}^{*+}$	20476	1	27845
20478	$e^+e^- \to \tau^+\nu_\tau\pi^+\bar{D}^{*-}D_s^{*-}\gamma$	20477	1	27846
20479	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-D^-\bar{D}^{*0}$	20478	1	27847
20480	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^+$	20479	1	27848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20481	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-D_s^-$	20480	1	27849
20482	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\eta\omega\omega K^0K^-D^{*+}D^0$	20481	1	27850
20483	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\omega\bar{K}^0D^-J/\psi$	20482	1	27851
20484	$e^+e^- \to \pi^-\rho^-\bar{K}^0K^+K^-\eta'D^+D^{*+}\bar{D}^{*0}$	20483	1	27852
20485	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-}$	20484	1	27853
20486	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}D_{s1}^+$	20485	1	27854
20487	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\rho^0\pi^+D^-p\bar{\Delta}^+$	20486	1	27855
20488	$e^+e^- \to \pi^+\rho^+K^{*-}D^0\bar{D}^{*0}D_1'^-$	20487	1	27856
20489	$e^+e^- \to \pi^0\pi^+\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}D_s^{*-}$	20488	1	27857
20490	$e^+e^- \to \pi^0\pi^0K^*K^-D^{*+}\bar{D}^{*-}\bar{n}p$	20489	1	27858
20491	$e^+e^- \to \rho^+\omega\bar{K}^0\bar{D}^{*-}\eta_c$	2705	1	27859
20492	$e^+e^- \to \pi^+\pi^+\pi^-\omega\omega\bar{D}^{*-}D_2^{*+}D_s^{*-}$	20491	1	27860
20493	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\bar{D}^0D_s^+D_1'^+$	20492	1	27861
20494	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^0\bar{D}^0$	2706	1	27862
20495	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^*K^+K^+D^{*0}$	20494	1	27863
20496	$e^+e^- \to \rho^0K^+D^{*+}n\bar{p}\Delta^+\bar{\Sigma}_c^{--}$	20495	1	27864
20497	$e^+e^- \to \rho^0\pi^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	20496	1	27865
20498	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^0$	20497	1	27866
20499	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^-K^{*+}D^-D^{*+}$	20498	1	27867
20500	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega D^-D^0D_s^-$	20499	1	27868
20501	$e^+e^- \to \omega\bar{K}^0D^+D^-\bar{D}^{*-}D_{s1}'^+$	20500	1	27869
20502	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+D^+D^{*0}$	20501	1	27870
20503	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\omega D^+\bar{D}^0$	20502	1	27871
20504	$e^+e^- \to \pi^0\pi^0\rho^-K^{*-}D^{*+}\Delta^+\bar{\Xi}_c^{*0}$	20503	1	27872
20505	$e^+e^- \to \pi^+K^+K^-K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}\gamma$	20504	1	27873
20506	$e^+e^- \to e^+\nu_e\pi^-\eta'D^{*+}\bar{D}^{*-}$	603	1	27874
20507	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-D_{s1}'^+$	20506	1	27875
20508	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^{*+}D^{*+}\bar{D}^{*-}$	20507	1	27876
20509	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\bar{K}^*K^+D^-D_1'^+$	20508	1	27877
20510	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	20509	1	27878
20511	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega D^+D^-D_s^{*-}$	20510	1	27879
20512	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-\bar{D}^{*-}D_s^{*+}$	20511	1	27880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20513	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}$	20512	1	27881
20514	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}D^{*0}$	20513	1	27882
20515	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-\bar{p}\Lambda_c^+$	20514	1	27883
20516	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{D}^0D^{*0}\bar{D}^{*0}\bar{n}\Delta^0$	20515	1	27884
20517	$e^+e^- \to \rho^+\rho^+\rho^-K^{*-}D^-D^{*+}\bar{D}^{*0}$	20516	1	27885
20518	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0D_s^{*+}$	20517	1	27886
20519	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-\phi D^-D_s^{*+}$	20518	1	27887
20520	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\eta D^-D^-n\bar{p}$	20519	1	27888
20521	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\eta D^{*+}\bar{D}^{*-}$	20520	1	27889
20522	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	2708	1	27890
20523	$e^+e^- \to \pi^-D^+\bar{D}^{*-}\bar{D}^{*0}D_{s1}'^+$	20522	1	27891
20524	$e^+e^- \to \pi^-K^+K^+D^{*+}D^{*0}D_s^{*-}a_1^-$	20523	1	27892
20525	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^-D^{*+}$	20524	1	27893
20526	$e^+e^- \to \pi^0\pi^0\eta D^-D^{*+}\bar{\Delta}^-na_1^-$	20525	1	27894
20527	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^0\pi^-K^+K^-D^{*+}$	20526	1	27895
20528	$e^+e^- \to \pi^0\rho^+\rho^-\eta\eta\omega K^0K^-D^{*+}\bar{D}^{*0}$	20527	1	27896
20529	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}\gamma$	156	1	27897
20530	$e^+e^- \to \pi^+\rho^-D^+D_s^{*+}p\bar{\Delta}^{++}D_1'^-$	20529	1	27898
20531	$e^+e^- \to \pi^0\bar{K}^*D^-D_s^+J/\psi$	20530	1	27899
20532	$e^+e^- \to e^+\nu_e\pi^-D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	20531	1	27900
20533	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta D^-\bar{p}\Lambda_c^+$	20532	1	27901
20534	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*0}$	20533	1	27902
20535	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta K^-D^-D^{*0}\bar{D}^{*0}$	20534	1	27903
20536	$e^+e^- \to \pi^+\eta D^+D^-\Delta^0\bar{p}$	20535	1	27904
20537	$e^+e^- \to \rho^-\eta D^-D^{*+}D_{s0}^{*+}$	20536	1	27905
20538	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*-}$	20537	1	27906
20539	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\bar{D}^{*-}D^0D_s^{*-}$	20538	1	27907
20540	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\Delta^0\bar{\Sigma}_c^{*-}$	20539	1	27908
20541	$e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}n\bar{\Sigma}_c^0$	605	1	27909
20542	$e^+e^- \to \rho^0\omega K^{*-}D^+\bar{D}^0\bar{D}^{*0}$	2711	1	27910
20543	$e^+e^- \to \rho^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	20542	1	27911
20544	$e^+e^- \to K^0D^+D^0\bar{D}^{*0}\Lambda\bar{\Lambda}_c^-$	20543	1	27912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20545	$e^+e^- \to \pi^+\rho^+K^{*-}D_2^{*-}D^0\bar{D}^0\gamma$	20544	1	27913
20546	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0D_0^{*-}\chi_{c0}$	20545	1	27914
20547	$e^+e^- \to \rho^0\pi^-\rho^+\omega K^+\bar{D}^{*-}D^0$	20546	1	27915
20548	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau D_0^{*+}D_1^-$	20547	1	27916
20549	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\eta\omega K^+K^-D^+D^{*+}$	20548	1	27917
20550	$e^+e^- \to e^+\nu_e\pi^+\bar{K}^0K^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	20549	1	27918
20551	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\omega\bar{K}^0K^+\eta'D^{*+}\bar{D}^{*-}$	20550	1	27919
20552	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^-D^+\bar{D}^0D_s^{*+}$	20551	1	27920
20553	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^{*+}\bar{D}^{*-}D^{*0}D^{*0}$	20552	1	27921
20554	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega K^0D^+D^-D^0$	20553	1	27922
20555	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^-D^{*+}D^{*+}$	20554	1	27923
20556	$e^+e^- \to e^+\nu_e\pi^+\rho^-K^+K^-\bar{D}^{*-}p\bar{p}$	20555	1	27924
20557	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\rho^-\bar{K}^*D^+D^+$	20556	1	27925
20558	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}D^{*+}$	20557	1	27926
20559	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega K^+\bar{D}^0D_1^+$	20558	1	27927
20560	$e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^*D^-D^{*+}D_s^+$	20559	1	27928
20561	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\omega K^*\bar{K}^*\bar{K}^*\bar{D}^{*-}$	20560	1	27929
20562	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D^{*+}n\bar{p}$	20561	1	27930
20563	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-}a_1^+$	20562	1	27931
20564	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^+$	20563	1	27932
20565	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\eta K^+K^{*-}D^-\bar{D}^{*-}$	20564	1	27933
20566	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	20565	1	27934
20567	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta\omega K^*K^-D^+D^-$	20566	1	27935
20568	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-K^*\bar{K}^*D^+D^-D^{*+}$	20567	1	27936
20569	$e^+e^- \to \pi^+\eta K^0\bar{K}^*\bar{K}^*D^-D^{*0}\bar{D}^{*0}$	20568	1	27937
20570	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}n\bar{n}$	20569	1	27938
20571	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	20570	1	27939
20572	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D^0$	20571	1	27940
20573	$e^+e^- \to \bar{K}^*K^+K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}$	606	1	27941
20574	$e^+e^- \to \pi^-K^0D^{*+}D_s^+D_s^-p\bar{p}$	20573	1	27942
20575	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega K^0K^-D^+$	20574	1	27943
20576	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^+D^-D^{*+}\bar{p}\Lambda$	20575	1	27944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20577	$e^+e^- \to e^+\nu_e\rho^0\eta K^- K^{*+}\bar{D}^{*-}D^{*0}$	20576	1	27945
20578	$e^+e^- \to e^+\nu_e\pi^0\pi^+\omega\bar{K}^0 D^-\bar{D}^{*-}D^0$	20577	1	27946
20579	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}D^{*0}$	20578	1	27947
20580	$e^+e^- \to \pi^+\pi^-\rho^- D^+D^+a_1^-$	20579	1	27948
20581	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D_0^{*+}$	20580	1	27949
20582	$e^+e^- \to \pi^+\pi^-\bar{K}^* K^+ D^- D^{*+}D_s^-$	20581	1	27950
20583	$e^+e^- \to \pi^- K^{*+}K^{*-}D^+D^{*+}D_s^{*-}$	20582	1	27951
20584	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta K^- D^+\bar{D}^{*-}$	20583	1	27952
20585	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^- D^+D^{*+}n\bar{\Delta}^{++}$	20584	1	27953
20586	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta K^{*+}D^-D^{*+}D^0$	20585	1	27954
20587	$e^+e^- \to K^0\bar{K}^* K^{*+}K^{*-}D^+\bar{D}^{*-}$	20586	1	27955
20588	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- D^+\bar{D}^{*-}$	20587	1	27956
20589	$e^+e^- \to e^-\bar{\nu}_e\eta K^0 D^{*+}D^0\bar{D}^{*0}$	20588	1	27957
20590	$e^+e^- \to \tau^+\nu_\tau\pi^-\bar{D}^{*-}\bar{n}\Xi_c^+$	20589	1	27958
20591	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0 D^+D_2^{*-}\bar{D}^{*0}$	20590	1	27959
20592	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^0$	20591	1	27960
20593	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^{*0}D_{s0}^{*+}$	20592	1	27961
20594	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta\bar{D}^{*-}D_0^{*+}$	20593	1	27962
20595	$e^+e^- \to \pi^-\rho^- K^+D^{*+}\eta_c$	20594	1	27963
20596	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega\omega\omega D^+\bar{D}^{*-}$	20595	1	27964
20597	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\bar{K}^0 K^* D^{*+}J/\psi$	20596	1	27965
20598	$e^+e^- \to \pi^0\pi^0\rho^-\eta\eta\eta\omega D^+D^-\bar{\Delta}^0\Delta^+$	20597	1	27966
20599	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0 K^+K^{*-}\eta'\bar{D}^{*-}$	20598	1	27967
20600	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- D^{*+}D^{*0}$	20599	1	27968
20601	$e^+e^- \to \tau^+\nu_\tau\pi^-\omega K^- K^{*+}D^+\bar{D}^{*-}$	2713	1	27969
20602	$e^+e^- \to e^+\nu_e\rho^-\eta D^{*+}D_1'^-$	20601	1	27970
20603	$e^+e^- \to K_L K^{*+}D^-D^0\psi'$	2714	1	27971
20604	$e^+e^- \to K^* D^{*+}\Delta^0\bar{\Sigma}_c^{*0}a_1^-$	20603	1	27972
20605	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\omega K^- D^+\bar{D}^{*-}\bar{D}^{*0}$	20604	1	27973
20606	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0 K^+\bar{D}^{*-}D^0$	20605	1	27974
20607	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^* D^- D_s^+$	20606	1	27975
20608	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0 D^- D^{*+}D^{*0}$	2715	1	27976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20609	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\rho^-\omega\omega\bar{D}^{*-}$	20608	1	27977
20610	$e^+e^- \to \pi^0\pi^0\eta\bar{K}^0D^-D^0\bar{D}^0D_s^{*+}$	20609	1	27978
20611	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^{*-}D^+D_2^{*-}$	20610	1	27979
20612	$e^+e^- \to \pi^0\bar{K}^0K^+\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0$	20611	1	27980
20613	$e^+e^- \to \rho^-K^+K^{*-}D^{*+}\bar{D}^{*-}a_1^+$	20612	1	27981
20614	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta K^*\bar{K}^*K^-\bar{D}^{*-}J/\psi$	20613	1	27982
20615	$e^+e^- \to e^+\nu_e\eta K^0D^-D^-D^{*+}$	20614	1	27983
20616	$e^+e^- \to \pi^0\pi^+\rho^+D^-D^-$	2716	1	27984
20617	$e^+e^- \to \pi^0\rho^+K^0\bar{K}^0\bar{K}^*K^+K^+K^-K^{*-}\bar{D}^{*-}$	20616	1	27985
20618	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\rho^-D^{*+}$	20617	1	27986
20619	$e^+e^- \to \rho^0\pi^+K^{*-}D^-D^{*+}\bar{D}^0\bar{\Sigma}^+\Sigma^-$	20618	1	27987
20620	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+$	20619	1	27988
20621	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega K^*K^-D^{*+}\bar{D}^{*0}$	20620	1	27989
20622	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-}$	20621	1	27990
20623	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^+D_s^-$	20622	1	27991
20624	$e^+e^- \to K^*K^{*-}D^+D^0\bar{D}^0\bar{D}^0\gamma$	20623	1	27992
20625	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-D^+D^-$	20624	1	27993
20626	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0K^*\bar{K}^*K^-D^{*+}$	20625	1	27994
20627	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-D_s^-D_1'^+$	20626	1	27995
20628	$e^+e^- \to \rho^0\pi^-\rho^+K^*D^-\Delta^+\bar{\Sigma}_c^{*0}$	20627	1	27996
20629	$e^+e^- \to \rho^0\omega\bar{K}^0D^+\bar{D}^{*-}\bar{p}\Lambda_c^+$	20628	1	27997
20630	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0K^-K^{*+}D^+\bar{D}^0$	20629	1	27998
20631	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\bar{K}^0K^+K^{*+}D^-\eta_c$	20630	1	27999
20632	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^-D^{*+}$	20631	1	28000
20633	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	20632	1	28001
20634	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0D^0D_s^{*-}J/\psi$	20633	1	28002
20635	$e^+e^- \to \bar{D}^{*-}D^{*0}n\bar{\Delta}^0D_{s1}'^+$	20634	1	28003
20636	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^0K^0K^{*-}D^+D^-D^{*0}$	20635	1	28004
20637	$e^+e^- \to \pi^+\rho^+\rho^+\rho^-\bar{D}^{*-}\bar{p}\Sigma_c^{*0}$	20636	1	28005
20638	$e^+e^- \to \rho^0\rho^-\bar{K}^0D^+D^+\bar{D}^{*-}$	20637	1	28006
20639	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0K^-\bar{D}^{*0}$	20638	1	28007
20640	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^0D^{*+}D^{*0}\bar{D}^{*0}$	20639	1	28008

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20641	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\omega D^+D^{*+}$	20640	1	28009
20642	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*K^{*+}\bar{D}^{*-}D^0D_s^-$	20641	1	28010
20643	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^+\Delta^+\bar{\Xi}_c'^0$	20642	1	28011
20644	$e^+e^- \to \rho^0\pi^+K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	20643	1	28012
20645	$e^+e^- \to \pi^0\pi^0\rho^+K^*K^-D^+\bar{D}^{*-}$	20644	1	28013
20646	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{K}^0\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	20645	1	28014
20647	$e^+e^- \to \pi^+\rho^+\rho^-\omega D^-D_s^{*+}D_1'^-$	20646	1	28015
20648	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}$	20647	1	28016
20649	$e^+e^- \to \rho^+K^*D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Xi_c^0$	20648	1	28017
20650	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\bar{K}^*D^{*+}J/\psi$	20649	1	28018
20651	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^*\bar{D}^{*-}$	20650	1	28019
20652	$e^+e^- \to \eta K^*K^-D^+\bar{D}^{*0}n\bar{\Sigma}_c^0$	2717	1	28020
20653	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	20652	1	28021
20654	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*+}$	20653	1	28022
20655	$e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^-D_{s1}^+$	20654	1	28023
20656	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^-K^*K^-D^0D_1^-$	20655	1	28024
20657	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^0D^+D^{*+}$	20656	1	28025
20658	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{D}^{*-}D^0$	20657	1	28026
20659	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-\Delta^-$	20658	1	28027
20660	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0D^{*+}D^{*+}$	20659	1	28028
20661	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0D^+D^+\bar{D}^0$	20660	1	28029
20662	$e^+e^- \to \pi^0\rho^0\rho^+\omega K^0\bar{D}^{*-}\bar{\Delta}^+\Xi_c'^+\gamma$	20661	1	28030
20663	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta'D^+\bar{D}^{*-}$	20662	1	28031
20664	$e^+e^- \to \pi^+\eta K^0\bar{K}^0K^*K^{*-}D^+\bar{D}^{*-}$	20663	1	28032
20665	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^0K^+K^-K^-K^{*+}K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	20664	1	28033
20666	$e^+e^- \to \pi^+\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^-D^0\bar{D}^{*0}$	20665	1	28034
20667	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^0D^-D^{*+}D^{*+}n\bar{p}$	20666	1	28035
20668	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\rho^-D^-D^{*+}$	20667	1	28036
20669	$e^+e^- \to \rho^0\pi^+\rho^+\omega\omega\bar{D}^{*-}\bar{D}^{*-}$	20668	1	28037
20670	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{D}^{*-}\bar{D}^0$	2718	1	28038
20671	$e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0}n\bar{n}$	20670	1	28039
20672	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	20671	1	28040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20673	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+} p\bar{\Delta}^{++}$	2719	1	28041
20674	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-} D_1^+$	20673	1	28042
20675	$e^+e^- \to \mu^+\nu_\mu\eta\eta\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^-$	20674	1	28043
20676	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^+ D^+ D^-$	20675	1	28044
20677	$e^+e^- \to e^+\nu_e X_u^- D^{*+} D_{s1}^-$	20676	1	28045
20678	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ K^0\bar{K}^0\bar{K}^0 K^* D^- D_1^+$	2720	1	28046
20679	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^- D^+ D^{*+}$	20678	1	28047
20680	$e^+e^- \to \mu^+\nu_\mu D^- D_s^- D_1'^+$	20679	1	28048
20681	$e^+e^- \to K^* D^+ D^+ D^- n\bar{p}\gamma$	20680	1	28049
20682	$e^+e^- \to K^- D^+\bar{D}^{*-}\bar{D}^0 D_s^+$	20681	1	28050
20683	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^+ D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	20682	1	28051
20684	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{n}p$	20683	1	28052
20685	$e^+e^- \to K^{*-} D^{*+}\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	20684	1	28053
20686	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^+ D^-\bar{D}^0 D^{*0} n\bar{n}$	20685	1	28054
20687	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^- K^{*-} D^+ D^-\bar{D}^{*-}$	20686	1	28055
20688	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+ D^- D^{*+}$	20687	1	28056
20689	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta\omega D^+ D^-$	20688	1	28057
20690	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^- D^- D^{*+}\Delta^+\bar{\Delta}^+$	20689	1	28058
20691	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}$	20690	1	28059
20692	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^- K^0\bar{K}^0 D^+ D^{*+}$	20691	1	28060
20693	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+ K^+ K^- D^{*+}\bar{D}^{*-}$	20692	1	28061
20694	$e^+e^- \to \rho^0\rho^-\omega D^{*+}\bar{D}^{*0}$	20693	1	28062
20695	$e^+e^- \to \rho^0\pi^- K^* D^+ D^{*+}\bar{D}^0 D_s^-$	20694	1	28063
20696	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^* K^{*-} D^- D^{*+} n\bar{n}$	20695	1	28064
20697	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^0 D_s^+$	20696	1	28065
20698	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta\omega\bar{K}^0 K^+ K^+ D^{*+} D_s^{*-}$	20697	1	28066
20699	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega K^0 D^{*+} D^{*0}$	20698	1	28067
20700	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\bar{K}^0 K^+ D^+ D^-$	20699	1	28068
20701	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0\eta' D^+\bar{D}^0 D^{*0}$	20700	1	28069
20702	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0 K^0\bar{K}^0 D^- D^{*+}$	20701	1	28070
20703	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ D^+\bar{D}^{*-} D_s^-$	20702	1	28071
20704	$e^+e^- \to \pi^+\bar{K}^0 D^- D^0\Delta^+\bar{\Delta}^+$	20703	1	28072

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20705	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D_s^{*+}D_0^{*+}$	2721	1	28073
20706	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^0\bar{K}^0D^-D^{*+}$	2722	1	28074
20707	$e^+e^- \to e^+\nu_e\omega K^0K^-D^{*+}D_2^{*-}$	20706	1	28075
20708	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\omega D^+\bar{D}^{*-}$	20707	1	28076
20709	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^-\bar{D}^{*-}D_s^{*+}$	20708	1	28077
20710	$e^+e^- \to \rho^+K^0\bar{K}^*K^{*-}D^-D^{*+}\bar{D}^{*0}$	20709	1	28078
20711	$e^+e^- \to \pi^0\rho^0\rho^+\omega D^{*0}D_s^{*-}J/\psi$	20710	1	28079
20712	$e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0K^*\eta'D^+D^{*+}\bar{D}^{*-}$	20711	1	28080
20713	$e^+e^- \to \rho^0\pi^+K^0K^-D^+\bar{D}^{*-}$	20712	1	28081
20714	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\omega D^+D^{*+}$	20713	1	28082
20715	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D^{*0}\bar{D}^{*0}$	20714	1	28083
20716	$e^+e^- \to \pi^0\pi^+\eta D^+D^-n\bar{\Delta}^+$	20715	1	28084
20717	$e^+e^- \to K^*K^-D^{*+}D_2^{*+}D_s^-$	20716	1	28085
20718	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+}\Sigma^0\bar{\Sigma}^0$	20717	1	28086
20719	$e^+e^- \to K_SD^-\bar{n}p\chi_{c0}$	20718	1	28087
20720	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^{*-}a_1^+$	20719	1	28088
20721	$e^+e^- \to \pi^0\rho^-\bar{D}^0D^{*0}D_1^+$	20720	1	28089
20722	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta'D^-D_2^{*+}$	20721	1	28090
20723	$e^+e^- \to e^+\nu_e\rho^-D^{*+}D_1^-$	20722	1	28091
20724	$e^+e^- \to \bar{K}^0\bar{K}^0K^+D^-\psi'$	20723	1	28092
20725	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^-D^{*+}$	607	1	28093
20726	$e^+e^- \to \rho^0K^+K^{*+}D^-\bar{D}^{*-}D^{*0}\bar{n}\Sigma^0$	20725	1	28094
20727	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	20726	1	28095
20728	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-D^-D^0$	20727	1	28096
20729	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D_2^{*-}D_1^-$	20728	1	28097
20730	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+D^-\bar{n}p$	20729	1	28098
20731	$e^+e^- \to \tau^+\nu_\tau\pi^-\omega\bar{K}^*K^+\bar{D}^{*-}$	20730	1	28099
20732	$e^+e^- \to \rho^0\bar{K}^0K^*D^+D^-D^{*+}\bar{D}^{*-}$	20731	1	28100
20733	$e^+e^- \to \pi^0\pi^+\rho^-K^0K^0K^0\bar{K}^0D^+D_s^{*-}\gamma$	20732	1	28101
20734	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+D^-$	20733	1	28102
20735	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^-D^{*+}$	20734	1	28103
20736	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0D^-D^0D_s^+$	20735	1	28104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20737	$e^+e^- \to \tau^-\tau^-\bar{\nu}_\tau\bar{\nu}_\tau D^+D^+$	20736	1	28105
20738	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^+K^-K^{*-}D^-D_s^{*+}$	20737	1	28106
20739	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-K^{*+}\bar{D}^0D^{*0}$	20738	1	28107
20740	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}D_s^{*-}D_1'^+$	20739	1	28108
20741	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-K^+K^-D^-D^{*+}$	608	1	28109
20742	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}$	20741	1	28110
20743	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^*D^-D^{*+}\bar{p}\Delta^{++}$	20742	1	28111
20744	$e^+e^- \to D^+D^-\bar{\Sigma}^{*+}\Sigma^{*0}D_{s1}'^-$	20743	1	28112
20745	$e^+e^- \to \pi^-\omega\bar{K}^0K^+K^+K^{*-}D^-D^{*+}$	20744	1	28113
20746	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^+D^{*0}D_s^{*-}$	20745	1	28114
20747	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0$	20746	1	28115
20748	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^0D^+\bar{D}^0D^{*0}$	20747	1	28116
20749	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^-D^{*+}D_2^{*-}$	20748	1	28117
20750	$e^+e^- \to \rho^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	20749	1	28118
20751	$e^+e^- \to \rho^0\rho^-\omega D^+D_s^{*-}\Delta^0\bar{\Sigma}^+$	20750	1	28119
20752	$e^+e^- \to \rho^0\rho^0\pi^+D^-\bar{D}^{*-}D_s^{*+}$	20751	1	28120
20753	$e^+e^- \to \pi^0\omega\bar{K}^*K^{*+}D^+D^-D_s^-$	20752	1	28121
20754	$e^+e^- \to \pi^0\pi^+\pi^-D^+D_s^{*-}\Delta^0\bar{\Sigma}_c^0$	20753	1	28122
20755	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+}\Delta^0\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{*-}$	20754	1	28123
20756	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+D_s^-\psi'$	20755	1	28124
20757	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\eta\eta D^+D^{*0}$	20756	1	28125
20758	$e^+e^- \to e^+\nu_eK^0K^-D^+\bar{D}^{*-}\bar{n}\Delta^0$	20757	1	28126
20759	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^0D_1^+$	20758	1	28127
20760	$e^+e^- \to \pi^0\rho^0K^0K^*K^{*-}D^+D^-D^{*+}$	20759	1	28128
20761	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}$	20760	1	28129
20762	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0K^{*-}D^{*+}\bar{D}^{*-}$	20761	1	28130
20763	$e^+e^- \to \rho^-K^0D^{*+}D^{*+}\bar{D}^{*-}\bar{\Sigma}^0\Sigma^{*0}$	20762	1	28131
20764	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*0}J/\psi$	20763	1	28132
20765	$e^+e^- \to \pi^0\pi^0\eta K_S\bar{K}^0D^{*+}\eta_cn\bar{p}$	20764	1	28133
20766	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^+D^+D^-$	20765	1	28134
20767	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\omega\omega D^-D^{*+}$	20766	1	28135
20768	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-D^-D^{*+}$	20767	1	28136

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20769	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^0$	20768	1	28137
20770	$e^+e^- \to \rho^+K^0\bar{K}^0K^*K^-D^{*+}\bar{D}^{*-}$	20769	1	28138
20771	$e^+e^- \to e^+\nu_e\rho^0\rho^+\rho^-\eta D^-D^0$	20770	1	28139
20772	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}a_1^+$	20771	1	28140
20773	$e^+e^- \to \pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-}D_{s1}'^-$	20772	1	28141
20774	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta D^+D^-D_s^{*-}$	20773	1	28142
20775	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D^-p\bar{p}$	20774	1	28143
20776	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0D^-\bar{D}^{*-}D^{*0}$	20775	1	28144
20777	$e^+e^- \to K^*D^+D^-D^{*+}D_s^{*-}$	20776	1	28145
20778	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\bar{D}^{*-}$	20777	1	28146
20779	$e^+e^- \to \pi^0\rho^0\omega\bar{K}^*K^+K^{*-}\phi\bar{D}^{*-}D_s^{*+}$	609	1	28147
20780	$e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*-}a_1^+\gamma$	20779	1	28148
20781	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}\psi'$	20780	1	28149
20782	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^{*+}D^0D_s^{*-}$	20781	1	28150
20783	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*0}$	2726	1	28151
20784	$e^+e^- \to \pi^-\pi^-\pi^-\pi^-\rho^+\rho^+K^+D^{*+}\bar{D}^0$	20783	1	28152
20785	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}$	20784	1	28153
20786	$e^+e^- \to \omega D^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	20785	1	28154
20787	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\eta\bar{K}^0\bar{D}^{*-}$	20786	1	28155
20788	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+\phi D^+D^-$	20787	1	28156
20789	$e^+e^- \to \pi^+\bar{K}^0D^-D_2^{*+}D^{*0}D_s^{*-}$	20788	1	28157
20790	$e^+e^- \to \pi^+\rho^-\eta D^{*+}n\bar{\Xi}_c^{*-}$	20789	1	28158
20791	$e^+e^- \to e^-\bar{\nu}_eK^0K^{*-}D^+D_2^{*+}$	20790	1	28159
20792	$e^+e^- \to \pi^-K^-D^{*+}\bar{D}^0\bar{D}^0D_s^+$	20791	1	28160
20793	$e^+e^- \to \pi^+\pi^-D^+D_2^{*+}D_s^-D_s^{*-}$	20792	1	28161
20794	$e^+e^- \to \pi^+K^0\bar{K}^*\phi D^-D^{*+}D_s^{*-}$	2727	1	28162
20795	$e^+e^- \to \pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}D_s^-$	20794	1	28163
20796	$e^+e^- \to \pi^0\rho^-K^+\bar{D}^{*-}D_2^{*+}D^0$	20795	1	28164
20797	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega K^-K^{*+}D^-D^{*+}$	20796	1	28165
20798	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0K^*D^+D^-D_1'^-$	20797	1	28166
20799	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^-D^+\bar{D}^{*0}$	2728	1	28167
20800	$e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	20799	1	28168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20801	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} p\bar{\Lambda}_c^-$	20800	1	28169
20802	$e^+e^- \to \bar{D}^{*-} D_2^{*+} D_s^- \Delta^0 \bar{\Sigma}^+$	20801	1	28170
20803	$e^+e^- \to \mu^-\bar{\nu}_\mu \rho^0 \pi^- \rho^+ \rho^+ \bar{D}^{*-} D_0^{*+}$	20802	1	28171
20804	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+ \eta D^+ \Delta^0 \bar{\Sigma}_c^{*-}$	20803	1	28172
20805	$e^+e^- \to \rho^0 \pi^- D^{*+} \bar{D}^0 p\bar{\Delta}^+$	20804	1	28173
20806	$e^+e^- \to \pi^0\pi^0\rho^0\rho^- K^{*+} D^{*+} \bar{D}^{*-} D^0$	20805	1	28174
20807	$e^+e^- \to \pi^+\pi^-\rho^- D^+ D_2^{*-} D_s^{*+}$	20806	1	28175
20808	$e^+e^- \to \pi^0\rho^0\pi^- K^0 D^{*+} \chi_{c1}$	20807	1	28176
20809	$e^+e^- \to \rho^0\pi^+\pi^+\omega\bar{K}^* D^- D^- D^0$	20808	1	28177
20810	$e^+e^- \to \mu^+\nu_\mu \rho^- D^- D_1'^+$	20809	1	28178
20811	$e^+e^- \to \pi^+ \bar{D}^{*-} D_s^{*+} \bar{\Delta}^+ \Xi_c^0$	20810	1	28179
20812	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta K^0 \bar{K}^0 D^+ \eta_c n\bar{\Lambda}$	20811	1	28180
20813	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0 K^* \bar{K}^* K^{*-} D^+ D^{*+}$	20812	1	28181
20814	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^- K^0 \bar{K}^* \bar{D}^{*-} \Delta^+ \bar{\Sigma}_c^{--}$	20813	1	28182
20815	$e^+e^- \to \mu^+\nu_\mu \eta K^+ K^- \bar{D}^{*0} D_1^-$	20814	1	28183
20816	$e^+e^- \to \mu^-\bar{\nu}_\mu \rho^0 \pi^+ \eta\eta\omega D^+ \bar{D}^{*-}$	20815	1	28184
20817	$e^+e^- \to e^+\nu_e \bar{D}^{*-} D_s^- \Delta^0 \bar{\Sigma}^+$	20816	1	28185
20818	$e^+e^- \to \rho^+\eta K^* \bar{K}^* D^+ \bar{D}^{*-} D_s^-$	20817	1	28186
20819	$e^+e^- \to \pi^-\omega D^+ D^- D_s^+ p\bar{p}$	20818	1	28187
20820	$e^+e^- \to e^-\bar{\nu}_e \pi^0 \rho^- \omega D^+ D_2^{*+}$	20819	1	28188
20821	$e^+e^- \to \rho^+\rho^+ \bar{D}^{*-} D^{*0} D_s^-$	20820	1	28189
20822	$e^+e^- \to \pi^0\pi^+ \bar{K}^0 \bar{D}^{*-} \eta_c$	20821	1	28190
20823	$e^+e^- \to \mu^+\nu_\mu \pi^+\pi^- \eta D^- D^0$	20822	1	28191
20824	$e^+e^- \to \pi^0\rho^0\pi^+\eta K^0 K^0 K^- K^- K^{*+} D^0$	20823	1	28192
20825	$e^+e^- \to \pi^+\rho^- K^- D^- D^{*+} \Delta^+ \bar{\Sigma}_c^{*0}$	20824	1	28193
20826	$e^+e^- \to \pi^0\pi^+\rho^+\eta K^0 \bar{K}^0 D^- D^-$	20825	1	28194
20827	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- D^{*+} D^{*+}$	20826	1	28195
20828	$e^+e^- \to \pi^+\rho^-\omega K_S \bar{K}^0 K^{*+} D^- J/\psi$	20827	1	28196
20829	$e^+e^- \to \mu^+\nu_\mu \pi^- K^+ K^{*-} D^+ D_1^-$	20828	1	28197
20830	$e^+e^- \to \mu^+\nu_\mu \eta K^0 D^+ D^- D^-$	20829	1	28198
20831	$e^+e^- \to e^+\nu_e \bar{K}^* \bar{D}^{*-} D^0 \bar{D}^0$	20830	1	28199
20832	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^0 D^0 \chi_{c0}$	20831	1	28200

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20833	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega D^+D^{*0}$	20832	1	28201
20834	$e^+e^- \to \pi^-\eta\omega K^+K^-K^-K^{*+}D^+\bar{D}^0$	20833	1	28202
20835	$e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0D^+D^-D^-p\bar{p}$	20834	1	28203
20836	$e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^-D_s^{*+}D_s^{*-}p\bar{p}$	20835	1	28204
20837	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-\bar{D}^0D^{*0}p\bar{\Lambda}_c^-$	20836	1	28205
20838	$e^+e^- \to \rho^0\pi^+\pi^-D^-\bar{D}^{*-}\bar{n}pa_1^+$	20837	1	28206
20839	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^-\bar{\Sigma}^+\Sigma^-a_1^+$	20838	1	28207
20840	$e^+e^- \to \rho^0\pi^-D^+\bar{D}^{*-}D_s^{*+}n\bar{\Delta}^0$	20839	1	28208
20841	$e^+e^- \to \rho^0\pi^+\pi^+\eta\omega\omega K^-\bar{D}^{*-}D^0$	20840	1	28209
20842	$e^+e^- \to \rho^0\pi^+\omega D^-D^{*+}D_{s1}'^-$	20841	1	28210
20843	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\omega D^-D^{*0}D_s^-$	20842	1	28211
20844	$e^+e^- \to K^*D^-D^{*+}D_s^{*-}D_1^+$	20843	1	28212
20845	$e^+e^- \to \pi^+\pi^+\eta\bar{K}^*K^+K^-\phi D^-p\bar{\Delta}^{++}$	20844	1	28213
20846	$e^+e^- \to K_SK^{*+}D^-D^0J/\psi$	20845	1	28214
20847	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}p\bar{p}$	20846	1	28215
20848	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta\omega K^*D^{*+}J/\psi$	20847	1	28216
20849	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	20848	1	28217
20850	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+D^-$	20849	1	28218
20851	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}$	20850	1	28219
20852	$e^+e^- \to K^0\bar{K}^*D^-D^{*+}D_s^+D_s^-$	20851	1	28220
20853	$e^+e^- \to e^+\nu_eD_2^{*+}D_2^{*-}D_s^-$	20852	1	28221
20854	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^+D_1^-$	2729	1	28222
20855	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega D^{*+}D_0^{*-}$	20854	1	28223
20856	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\omega\omega D^+D^-$	20855	1	28224
20857	$e^+e^- \to \pi^-\bar{K}^0K^+K^{*+}K^{*-}D^-D^{*+}$	20856	1	28225
20858	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\eta_c\Delta^0\bar{\Xi}_c'^-$	20857	1	28226
20859	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^0D^{*+}\bar{D}^{*-}D^0$	20858	1	28227
20860	$e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}a_1^+$	20859	1	28228
20861	$e^+e^- \to \pi^0\pi^0\rho^-\bar{K}^0D^+D^+a_1^-$	20860	1	28229
20862	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^-D^{*+}\bar{D}^0D_s^+$	20861	1	28230
20863	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta'D^+D^{*+}$	20862	1	28231
20864	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\omega K^*\bar{K}^*D^-D^{*+}$	20863	1	28232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20865	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^- D^{*+}\bar{D}^{*-}$	20864	1	28233
20866	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-\rho^- D^+\Delta^+\bar{\Sigma}_c^{*--}$	20865	1	28234
20867	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D^- D^{*+}\gamma$	20866	1	28235
20868	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\omega\bar{K}^0 D^+ D^+\bar{D}^0$	20867	1	28236
20869	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^- K^* D^- D_s^+ n\bar{n}$	20868	1	28237
20870	$e^+e^- \to \pi^+ K^{*+} K^{*-} D^- D^{*+} D_{s0}^{*-}$	20869	1	28238
20871	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\eta D^+\bar{D}^{*-}$	20870	1	28239
20872	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^- D^+ D^{*+}$	20871	1	28240
20873	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta K^0\bar{K}^0 K^+ K^{*-} D^+ D^-$	20872	1	28241
20874	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\omega D_2^{*+} D^0$	20873	1	28242
20875	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	20874	1	28243
20876	$e^+e^- \to \pi^+\pi^-\eta\eta\eta\eta D^+ D^-$	20875	1	28244
20877	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^- D^+\bar{D}^{*-}$	20876	1	28245
20878	$e^+e^- \to \bar{D}^{*-} D_2^{*-} D_s^{*+} D_{s1}'^+\gamma$	2730	1	28246
20879	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*0}$	20878	1	28247
20880	$e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-} D_s^{*+} D_s^{*-}$	20879	1	28248
20881	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega D^-\bar{D}^{*-}$	157	1	28249
20882	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}\bar{D}^0$	20881	1	28250
20883	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^- K^+ D^{*+} D^{*0}$	20882	1	28251
20884	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^- K^0 K^{*-}\bar{D}^{*-} D^0$	20883	1	28252
20885	$e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^{*-}$	20884	1	28253
20886	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^+ D^- D_s^-$	20885	1	28254
20887	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^+ D^-\bar{D}^{*-}$	20886	1	28255
20888	$e^+e^- \to \pi^+ K^{*-} D^+\bar{D}^{*0}\Delta^0\bar{\Xi}_c^-$	20887	1	28256
20889	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^- K^+ D^+\bar{D}^{*0} D_1^+$	20888	1	28257
20890	$e^+e^- \to \pi^+ K^0 K^0 D^- D^0\bar{\Delta}^0\Xi_c^{*0}$	20889	1	28258
20891	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\omega K^+ D^{*+}\bar{D}^0$	20890	1	28259
20892	$e^+e^- \to \rho^-\rho^-\omega D^+ D^-\bar{n}\Delta^{++}$	20891	1	28260
20893	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\rho^+\eta K^0 K^0 K^- K^{*-} D^-$	20892	1	28261
20894	$e^+e^- \to \pi^+\pi^-\rho^- K^0 D^{*+}\Lambda\bar{\Sigma}_c^0$	20893	1	28262
20895	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta\omega K^0 K^0\bar{K}^* D^+\bar{D}^{*0}$	611	1	28263
20896	$e^+e^- \to \pi^+\rho^+\rho^+\rho^- K^{*-} D^+ D^-\bar{D}^{*-}$	20895	1	28264

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20897	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^- D^+ D^{*+}\Sigma^0\bar{\Sigma}^-$	20896	1	28265
20898	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^* K^+ D_s^+\chi_{c1}$	20897	1	28266
20899	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0 D^+\bar{D}^{*0}$	20898	1	28267
20900	$e^+e^- \to \pi^-\pi^-\rho^+ D^{*+} D_2^{*-} D_s^{*+}$	20899	1	28268
20901	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^{*-}\bar{D}^{*-} D^0 a_1^+$	20900	1	28269
20902	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}$	20901	1	28270
20903	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta K^+ K^{*-} D^+\bar{D}^{*-}\bar{\Delta}^- n$	20902	1	28271
20904	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta K^0\bar{K}^*\eta' D^- D_1'^+$	20903	1	28272
20905	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0 D^-\bar{D}^{*-} D^0$	20904	1	28273
20906	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\omega K^- D^{*+} D_s^{*+}$	20905	1	28274
20907	$e^+e^- \to \rho^0\pi^+\eta K^* K^{*-} D^+\bar{D}^{*-}$	20906	1	28275
20908	$e^+e^- \to \pi^-\rho^-\bar{K}^* K^{*+} D^{*+}\bar{D}^{*-} a_1^+$	20907	1	28276
20909	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+ K^0\bar{K}^0\bar{D}^0 D_0^{*+}$	20908	1	28277
20910	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^0 D^{*+}\bar{D}^{*-} D^0\bar{D}^0\gamma$	20909	1	28278
20911	$e^+e^- \to \rho^0 K^0 K^- D^- D^{*+}\bar{\Delta}^-\Delta^0$	20910	1	28279
20912	$e^+e^- \to \bar{K}^*\bar{D}^{*-} D^0\bar{D}^{*0} D_s^{*+}$	2733	1	28280
20913	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^- D^+\bar{\Delta}^0\Sigma_c^+$	20912	1	28281
20914	$e^+e^- \to K_L K^{*+} J/\psi\Lambda\bar{\Lambda}_c^-$	20913	1	28282
20915	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*0}$	20914	1	28283
20916	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^{*+} n\bar{\Lambda}_c^-$	20915	1	28284
20917	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^* K^{*+} D^-\bar{D}^{*0}$	20916	1	28285
20918	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ K^0 K^* K^- D^0$	20917	1	28286
20919	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0\eta'\bar{D}^{*-}\chi_{c1}$	20918	1	28287
20920	$e^+e^- \to \omega D^+ D^- D_s^-\bar{\Delta}^0\Delta^+$	20919	1	28288
20921	$e^+e^- \to \rho^0\bar{D}^{*0}\bar{n}\Delta^0\bar{\Delta}^+\Sigma_c^+$	20920	1	28289
20922	$e^+e^- \to K^+ D^- D^0 n\bar{\Delta}^0$	20921	1	28290
20923	$e^+e^- \to \pi^+\rho^-\omega K^+ K^{*-} D^{*+}\bar{D}^{*-}$	20922	1	28291
20924	$e^+e^- \to \pi^0\pi^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^0 D_s^+$	20923	1	28292
20925	$e^+e^- \to \pi^0 K^0 D^+ D^{*+}\bar{D}^{*-} D_{s0}^{*-}$	20924	1	28293
20926	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+ D^+ D^-$	20925	1	28294
20927	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{\Delta}^+\Xi_c^{*0} D_1^-$	20926	1	28295
20928	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+}\Sigma^{*0}\bar{\Sigma}_c^{*0}$	20927	1	28296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20929	$e^+e^- \to \rho^0\pi^-\omega\omega D^+D^-D_s^{*+}$	20928	1	28297
20930	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{D}^{*-}\Sigma^{*-}\bar{\Sigma}^{*0}$	20929	1	28298
20931	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	20930	1	28299
20932	$e^+e^- \to \pi^0\rho^0\pi^+\eta D^-\Delta^+\bar{\Sigma}_c^-$	20931	1	28300
20933	$e^+e^- \to \pi^-K^0D^+D^+D_s^{*-}$	20932	1	28301
20934	$e^+e^- \to \rho^+\eta\bar{K}^*\bar{D}^{*-}$	20933	1	28302
20935	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^+\bar{D}^0$	20934	1	28303
20936	$e^+e^- \to \rho^0\pi^+\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	20935	1	28304
20937	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^+D^-$	20936	1	28305
20938	$e^+e^- \to e^+\nu_e\pi^0\eta K^*K^{*-}D^+\bar{D}^{*-}$	20937	1	28306
20939	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D^0$	20938	1	28307
20940	$e^+e^- \to \omega K^*K^-D^{*+}D_s^+D_1^-$	20939	1	28308
20941	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega D^+D^{*+}$	20940	1	28309
20942	$e^+e^- \to e^-\bar{\nu}_eK^+D^+\Sigma^{*0}\bar{\Xi}_c^-$	20941	1	28310
20943	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega K^{*+}K^{*-}D^+\bar{D}^{*-}$	20942	1	28311
20944	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}a_1^+$	20943	1	28312
20945	$e^+e^- \to e^-\bar{\nu}_e\rho^0\eta K^+D^-D^{*+}D^0$	20944	1	28313
20946	$e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}$	20945	1	28314
20947	$e^+e^- \to \pi^0D_s^{*+}\bar{n}\Xi_c^0D_1^-$	20946	1	28315
20948	$e^+e^- \to \pi^-\pi^-K^0\bar{K}^0D^+\bar{\Delta}^0\Xi_c^+$	20947	1	28316
20949	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^-D^+D^-D^{*+}$	20948	1	28317
20950	$e^+e^- \to \pi^+\rho^+\rho^-K^-\bar{D}^{*-}D_s^{*+}$	2734	1	28318
20951	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^{*+}D_1'^-$	20950	1	28319
20952	$e^+e^- \to \rho^0\pi^-\rho^+\eta\omega\bar{K}^0D^-D^{*+}D^0$	20951	1	28320
20953	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^-D^{*+}D_s^{*-}$	20952	1	28321
20954	$e^+e^- \to K^*K^{*-}D^+D^-D^{*+}\bar{D}^0$	20953	1	28322
20955	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D^0\bar{\Delta}^+\Sigma^+$	20954	1	28323
20956	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\omega D^-D^{*+}$	20955	1	28324
20957	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+K^-D^-D^{*+}p\bar{p}$	20956	1	28325
20958	$e^+e^- \to \pi^0\rho^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^+\bar{\Lambda}_c^-$	20957	1	28326
20959	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	20958	1	28327
20960	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+D^-D^0D_s^-$	20959	1	28328

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20961	$e^+e^- \to \pi^0\rho^-\eta\bar{K}^0K^+D^-D^0D_s^{*+}$	20960	1	28329
20962	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	20961	1	28330
20963	$e^+e^- \to \pi^-\omega K^*\bar{K}^*D^+\bar{D}^0\bar{p}\Delta^+$	20962	1	28331
20964	$e^+e^- \to e^+\nu_e\rho^0\pi^+\omega D^-D_2^{*-}$	20963	1	28332
20965	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^{*+}D^{*+}$	20964	1	28333
20966	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	20965	1	28334
20967	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega D^+D^-$	20966	1	28335
20968	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0K^*D^{*+}D^0\bar{D}^0$	20967	1	28336
20969	$e^+e^- \to \pi^+\rho^+\rho^-K^0D^+\bar{D}^{*-}D_s^-$	20968	1	28337
20970	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^*K^+K^+K^-D^{*0}D_s^{*-}$	20969	1	28338
20971	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D_s^+$	20970	1	28339
20972	$e^+e^- \to e^+\nu_eD^{*+}D_0^{*-}D_{s1}^-$	20971	1	28340
20973	$e^+e^- \to K^*K^-D^+D^-D^{*+}\bar{D}^{*0}$	20972	1	28341
20974	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\omega\omega D^-D^0$	20973	1	28342
20975	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega\omega\omega D^-D^{*+}$	20974	1	28343
20976	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^*\bar{K}^*K^+\phi\bar{D}^{*-}D_s^-$	20975	1	28344
20977	$e^+e^- \to \pi^0\pi^0\omega K^0K^0D^+D^0D_s^-$	20976	1	28345
20978	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+\bar{p}\Sigma_c^0$	20977	1	28346
20979	$e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	20978	1	28347
20980	$e^+e^- \to e^+\nu_e\rho^+\rho^-\rho^-\eta D^-D^{*+}$	20979	1	28348
20981	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-n\bar{\Xi}_c'^0$	20980	1	28349
20982	$e^+e^- \to e^+\nu_e\pi^+\pi^+K^*K^{*-}D^-\bar{D}^{*-}$	20981	1	28350
20983	$e^+e^- \to \pi^0D^+D^-D_s^{*-}\bar{n}p$	20982	1	28351
20984	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^+K^{*-}D^-D^{*+}n\bar{n}$	20983	1	28352
20985	$e^+e^- \to \pi^0\rho^+K^*K^+K^-K^{*-}D^-D^{*+}$	20984	1	28353
20986	$e^+e^- \to \pi^0\rho^0\pi^-K^*D^+D^-D^{*+}$	2735	1	28354
20987	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+K^0K^-D^-D^{*+}a_1^-$	20986	1	28355
20988	$e^+e^- \to \rho^0\pi^+\rho^+K^*K^-\eta'D^+\bar{D}^{*-}D_s^{*-}$	20987	1	28356
20989	$e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{n}\Lambda_c^+$	20988	1	28357
20990	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}\gamma$	20989	1	28358
20991	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-K^{*-}D^-D^{*+}\bar{D}^{*0}$	20990	1	28359
20992	$e^+e^- \to \pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	20991	1	28360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
20993	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^{*+}$	20992	1	28361
20994	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}$	20993	1	28362
20995	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^-D^+D^-D^{*+}$	20994	1	28363
20996	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^-D^{*+}D_s^{*+}$	20995	1	28364
20997	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\eta\eta\omega D^-D^0$	20996	1	28365
20998	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta K^-D^-\bar{\Delta}^0\Sigma_c^+$	20997	1	28366
20999	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^0K^*D^{*+}D^{*+}$	20998	1	28367
21000	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\eta D^{*+}\bar{D}^0D_s^-$	20999	1	28368
21001	$e^+e^- \to \pi^-\bar{K}^0K^*\bar{K}^*K^+\eta'\phi D^+\bar{D}^{*-}$	21000	1	28369
21002	$e^+e^- \to \pi^-\rho^+\rho^-K^-D^{*+}\bar{p}\Sigma_c^{++}$	21001	1	28370
21003	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+K^*K^-D^{*+}\bar{D}^0$	21002	1	28371
21004	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\omega K^-D^+\bar{D}^{*-}$	21003	1	28372
21005	$e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0\bar{K}^0D^-D_s^+p\bar{\Lambda}$	21004	1	28373
21006	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\eta D^+D^{*+}$	21005	1	28374
21007	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^-D^{*+}D^0p\bar{p}$	21006	1	28375
21008	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\bar{K}^0D^-D_s^+D_s^{*+}$	21007	1	28376
21009	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}n\bar{n}$	21008	1	28377
21010	$e^+e^- \to K^-D^-D^{*+}D^{*+}\bar{D}^{*0}$	21009	1	28378
21011	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta'D^+\bar{D}^{*-}$	21010	1	28379
21012	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^*\bar{K}^*K^-D^{*+}D_s^-$	21011	1	28380
21013	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-}\Sigma^0\bar{\Xi}^{*+}$	21012	1	28381
21014	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+K^*K^{*-}D^-D_2^{*-}$	21013	1	28382
21015	$e^+e^- \to \pi^0\eta'\bar{n}p\Sigma_c^0\bar{\Sigma}_c^-$	21014	1	28383
21016	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	21015	1	28384
21017	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\eta K^0D^+D^{*+}$	21016	1	28385
21018	$e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	21017	1	28386
21019	$e^+e^- \to \mu^+\nu_\mu\eta\omega\bar{D}^{*-}\bar{p}\Xi_c'^+$	21018	1	28387
21020	$e^+e^- \to \pi^0\pi^0\eta K^0K^0K^-\phi D^+D^-D^{*+}$	21019	1	28388
21021	$e^+e^- \to \pi^0K^0K^-D^+D^+a_1^-$	21020	1	28389
21022	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^+\eta D^{*0}D_1'^-$	21021	1	28390
21023	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega K^*D^+\bar{D}^{*-}D^0$	21022	1	28391
21024	$e^+e^- \to \bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^+$	21023	1	28392

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21025	$e^+e^- \to D^{*+}\bar{D}^{*-}\bar{n}p\Delta^+\bar{\Delta}^{++}$	21024	1	28393
21026	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	21025	1	28394
21027	$e^+e^- \to \pi^0\pi^-\eta' D^{*+}\bar{D}^{*-}a_1^+$	21026	1	28395
21028	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+D^+\bar{D}^{*-}$	21027	1	28396
21029	$e^+e^- \to K^0D^{*+}D^{*0}\bar{D}^{*0}D_{s1}'^-$	21028	1	28397
21030	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}p\bar{\Delta}^{++}$	21029	1	28398
21031	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	21030	1	28399
21032	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{D}^{*-}\psi(3770)$	21031	1	28400
21033	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0\bar{K}^*K^+D^{*0}\bar{D}^{*0}$	21032	1	28401
21034	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta K^0K^-D^+D^{*+}$	21033	1	28402
21035	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^+D^-D^{*0}$	21034	1	28403
21036	$e^+e^- \to \pi^+\rho^+\bar{K}^*D^-\bar{D}^{*-}D^{*0}$	21035	1	28404
21037	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta D^+D^{*+}$	21036	1	28405
21038	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\bar{D}^0D^{*0}$	21037	1	28406
21039	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}$	21038	1	28407
21040	$e^+e^- \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}D^{*0}$	21039	1	28408
21041	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*0}\bar{D}^{*0}D_1^-$	21040	1	28409
21042	$e^+e^- \to \pi^-\eta\eta K^+K^-K^{*+}\phi D^+\bar{D}^{*-}D^{*0}$	21041	1	28410
21043	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+}$	21042	1	28411
21044	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0K^*\bar{K}^*D^-D^{*+}$	21043	1	28412
21045	$e^+e^- \to \pi^0\pi^+\eta D^-D^-D_s^{*+}$	21044	1	28413
21046	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta K^*K^{*-}D^+\bar{D}^0$	21045	1	28414
21047	$e^+e^- \to \rho^0\pi^+\eta K^0\bar{K}^0D^-D^0n\bar{n}$	21046	1	28415
21048	$e^+e^- \to \pi^0\rho^+\rho^-\omega D_2^{*+}\bar{D}^0D_s^-$	21047	1	28416
21049	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}$	21048	1	28417
21050	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^-D^{*+}$	21049	1	28418
21051	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\omega K^+K^{*-}D^+$	21050	1	28419
21052	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^-K^{*+}K^{*-}D^-D^{*+}D^0$	21051	1	28420
21053	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0K^+K^-D^+D^-$	21052	1	28421
21054	$e^+e^- \to e^-\bar{\nu}_e\eta K^{*+}D^-D^{*+}D^0$	21053	1	28422
21055	$e^+e^- \to \pi^+\bar{D}^{*-}n\bar{\Xi}_c'^-D_{s1}'^+$	21054	1	28423
21056	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\rho^-\rho^-K^{*+}D_2^{*+}\bar{D}^0$	21055	1	28424

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21057	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^- D^{*+}$	21056	1	28425
21058	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*0}$	21057	1	28426
21059	$e^+e^- \to \pi^0\pi^+\eta K^{*-} D^+ D^- \bar{D}^0$	21058	1	28427
21060	$e^+e^- \to \pi^0\rho^- K^0\bar{K}^* D^+\bar{D}^{*-}\bar{n}p$	21059	1	28428
21061	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\eta\omega\omega D^- D^-$	21060	1	28429
21062	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^{*0}\bar{D}^{*0}\bar{\Delta}^0\Sigma^0$	21061	1	28430
21063	$e^+e^- \to \rho^0\rho^+ D^{*+}\bar{D}^{*-} D_{s1}'^-\gamma$	21062	1	28431
21064	$e^+e^- \to \pi^-\rho^+ K^* D_s^- J/\psi D_1^+$	21063	1	28432
21065	$e^+e^- \to e^-\bar{\nu}_e K^0 D^{*+}\bar{D}^{*-} D_1^+$	2736	1	28433
21066	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-\omega D^+\bar{\Lambda}\Lambda_c^+$	21065	1	28434
21067	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\omega D^-\bar{D}^{*-}$	21066	1	28435
21068	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-\rho^- D^- n\bar{n}$	21067	1	28436
21069	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+ D^-\bar{n}\Xi_c'^0$	21068	1	28437
21070	$e^+e^- \to \pi^+\rho^+ D^-\bar{D}^{*-} D^0$	21069	1	28438
21071	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0 D^{*+} D^0\bar{D}^{*0}$	21070	1	28439
21072	$e^+e^- \to \pi^0\bar{K}^* K^{*+} D^- D^{*+}\bar{D}^{*-} D^0$	21071	1	28440
21073	$e^+e^- \to \rho^0 K^0 D^- D^0\bar{n}p$	2737	1	28441
21074	$e^+e^- \to \bar{K}^0 K^* D_s^+ D_s^- \chi_{c0}$	21073	1	28442
21075	$e^+e^- \to \pi^0\rho^-\eta\eta\omega K^* D^- D^{*+} D^{*+}$	21074	1	28443
21076	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0} D_s^{*+} D_1^-$	21075	1	28444
21077	$e^+e^- \to \pi^-\omega K^- K^{*+} D^+\bar{D}^{*-} a_1^+$	21076	1	28445
21078	$e^+e^- \to \pi^0\rho^+\rho^- K^0 K^+ D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	21077	1	28446
21079	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*0}\bar{n}\Delta^0$	21078	1	28447
21080	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p\gamma$	21079	1	28448
21081	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta D^- D_1^-$	21080	1	28449
21082	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+ K^0\bar{K}^0 D^- D^{*+}$	21081	1	28450
21083	$e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^0 K^+ D^- D^{*+}$	21082	1	28451
21084	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^0$	21083	1	28452
21085	$e^+e^- \to \rho^0\pi^+\omega K^0\bar{K}^0\bar{K}^0 D^+ D^-\bar{D}^{*-}$	21084	1	28453
21086	$e^+e^- \to \pi^+\pi^-\bar{K}^* K^- D^- D^{*+} D_s^{*+}$	21085	1	28454
21087	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^* D^0 D_s^+ D_s^-$	21086	1	28455
21088	$e^+e^- \to K^0\bar{K}^* D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*-}\gamma$	21087	1	28456

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21089	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+K^{*-}D^+D^{*+}$	21088	1	28457
21090	$e^+e^- \to \pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	21089	1	28458
21091	$e^+e^- \to \pi^0\omega K^-D^-D^{*+}D^{*+}\bar{D}^0$	21090	1	28459
21092	$e^+e^- \to \pi^0\pi^0\rho^-D^-D^{*+}D_s^{*+}\gamma$	21091	1	28460
21093	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	21092	1	28461
21094	$e^+e^- \to \pi^0\pi^+K^+K^{*-}D^+D^-\Sigma^{*-}\bar{\Sigma}^0$	21093	1	28462
21095	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+\bar{D}^{*0}D_s^+$	21094	1	28463
21096	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+$	21095	1	28464
21097	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^-D^+\bar{D}^0D_s^{*+}$	21096	1	28465
21098	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0\bar{D}^{*-}\chi_{c0}$	21097	1	28466
21099	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*+}D_s^-$	21098	1	28467
21100	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta\omega\omega K^+K^+K^-K^-K^-D^{*0}$	21099	1	28468
21101	$e^+e^- \to \pi^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}D_s^+D_s^{*+}$	21100	1	28469
21102	$e^+e^- \to \pi^0\rho^+\rho^-D^{*+}D_2^{*-}\gamma$	21101	1	28470
21103	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D_s^{*+}D_1'^+$	21102	1	28471
21104	$e^+e^- \to \pi^-\rho^-\omega D^+p\bar{\Sigma}_c^0$	21103	1	28472
21105	$e^+e^- \to \pi^0\omega\omega D^{*0}n\bar{\Sigma}_c^0$	21104	1	28473
21106	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta K^0K^{*-}D^{*+}\bar{D}^{*-}$	21105	1	28474
21107	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\eta K^+K^{*-}D^+D^{*+}$	21106	1	28475
21108	$e^+e^- \to \pi^0\eta\eta D^-\bar{D}^0D_s^+$	21107	1	28476
21109	$e^+e^- \to \pi^-\omega K^0\bar{K}^0\phi D^+\bar{D}^{*-}D_s^+$	21108	1	28477
21110	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^-\bar{D}^{*-}$	21109	1	28478
21111	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta K^-K^{*+}\bar{D}^0\bar{D}^{*0}$	2738	1	28479
21112	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega K^-D^{*+}\bar{D}^{*-}$	21111	1	28480
21113	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}D_0^{*+}$	21112	1	28481
21114	$e^+e^- \to \rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}\gamma$	21113	1	28482
21115	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^+D^{*0}\bar{D}^{*0}D_s^{*-}$	21114	1	28483
21116	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^*\bar{K}^*D^+\bar{D}^{*-}$	21115	1	28484
21117	$e^+e^- \to K^+D^-D^0D^{*0}p\bar{\Delta}^+$	2739	1	28485
21118	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}n\bar{n}$	21117	1	28486
21119	$e^+e^- \to \bar{D}^{*-}D^0n\bar{n}D_{s1}'^+\gamma\gamma$	21118	1	28487
21120	$e^+e^- \to \pi^-\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^{*+}$	21119	1	28488

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21121	$e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0\eta' D^{*+}\bar{n}\Sigma_c^0$	21120	1	28489
21122	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^* K^+ D^+ D^-$	21121	1	28490
21123	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^- D^+ D_0^{*-}$	21122	1	28491
21124	$e^+e^- \to \pi^0\rho^-\phi D^- D_s^+ D_1^+$	21123	1	28492
21125	$e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*-}a_1^+$	21124	1	28493
21126	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\bar{K}^0 K^{*+} D^+\bar{D}^{*0}$	21125	1	28494
21127	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- K^+ D^{*+}\bar{D}^{*-}D^{*0}$	21126	1	28495
21128	$e^+e^- \to e^+\nu_e K_L K^+ K^-\bar{D}^{*-}$	21127	1	28496
21129	$e^+e^- \to \mu^+\nu_\mu\rho^0 K^0\bar{D}^{*-}\eta_c$	21128	1	28497
21130	$e^+e^- \to \pi^-\bar{K}^0 D^0\bar{D}^0\bar{D}^{*0}D_s^+$	21129	1	28498
21131	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}D^0$	21130	1	28499
21132	$e^+e^- \to K^+K^-D^-D^{*+}\bar{D}^0 D^{*0}$	21131	1	28500
21133	$e^+e^- \to \pi^0\pi^- K^- D^+ D^{*+}n\bar{\Lambda}$	21132	1	28501
21134	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{D}^0\bar{D}^{*0}$	21133	1	28502
21135	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\eta\eta\eta K^{*-}D^-\bar{D}^{*-}$	21134	1	28503
21136	$e^+e^- \to \mu^+\nu_\mu D^+ D_s^{*-}D_0^{*-}$	21135	1	28504
21137	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- p\bar{\Xi}_c'^0 D_1'^+$	21136	1	28505
21138	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}$	21137	1	28506
21139	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^- K^+K^-K^-K^{*+}D^+D^{*+}$	21138	1	28507
21140	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^*\bar{p}\Sigma_c^+$	21139	1	28508
21141	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^{*+}K^{*-}D^+\bar{D}^{*-}$	21140	1	28509
21142	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^- K^-\bar{D}^{*-}D^0$	21141	1	28510
21143	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^-\eta D^+$	21142	1	28511
21144	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\eta D^{*+}\bar{D}^{*-}$	21143	1	28512
21145	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^{*0}$	21144	1	28513
21146	$e^+e^- \to \pi^0\pi^0\pi^+ D^- D_2^{*+}D_s^{*-}$	21145	1	28514
21147	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega\bar{\Delta}^+\Sigma_c^{*++}$	21146	1	28515
21148	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^0 D_s^-\bar{\Sigma}^+\Sigma^0$	21147	1	28516
21149	$e^+e^- \to \pi^+\pi^+\rho^+ D^-\bar{D}^{*-}\Delta^0\bar{p}$	21148	1	28517
21150	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega D^+ D^- D_s^-$	21149	1	28518
21151	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^{*+}\bar{D}^0$	21150	1	28519
21152	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^- K^* D^{*+}J/\psi$	21151	1	28520

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21153	$e^+e^- \to \pi^0 K^* K^- D^+ D_s^{*+} D_1^-$	21152	1	28521
21154	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^- D^{*0} D_s^+$	21153	1	28522
21155	$e^+e^- \to e^-\bar{\nu}_e\rho^- K^+ D^+ D^- D^{*+}$	21154	1	28523
21156	$e^+e^- \to \pi^+\rho^+\rho^- D^- D^{*+}\Delta^0\bar{p}$	21155	1	28524
21157	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega\omega K^+ K^- D^+ D^+$	21156	1	28525
21158	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^- D^{*+}$	21157	1	28526
21159	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{K}^0 K^* D^+ D^- D^-$	21158	1	28527
21160	$e^+e^- \to K^* D^{*+} D_s^{*-}\Delta^+\bar{\Sigma}_c^-$	21159	1	28528
21161	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^+ K^+ D^0 D_s^- D_s^{*-}$	21160	1	28529
21162	$e^+e^- \to \pi^+\pi^-\omega\omega K^0 K^* K^- D^{*+}$	21161	1	28530
21163	$e^+e^- \to \pi^+\pi^-\rho^+ D^{*+} D_s^- n\bar{\Sigma}_c^-$	21162	1	28531
21164	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^- D^{*+}\Delta^{++}\bar{\Delta}^{++}$	21163	1	28532
21165	$e^+e^- \to \pi^-\omega K_S D^{*+}\chi_{c0}$	21164	1	28533
21166	$e^+e^- \to \pi^0\rho^-\eta K^0 K^+ K^- D^+ D^{*+}\bar{D}^{*-}$	21165	1	28534
21167	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-}$	21166	1	28535
21168	$e^+e^- \to \rho^- K^0\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	21167	1	28536
21169	$e^+e^- \to \pi^0 K^0\bar{K}^0 D^+ D^- D^0\bar{D}^{*0}$	21168	1	28537
21170	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^+\Delta^0\bar{\Sigma}_c^{*0}$	21169	1	28538
21171	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^{*+} D^- D^0 D^{*0}$	21170	1	28539
21172	$e^+e^- \to \pi^0\pi^+\bar{K}^0 D^{*+}\bar{D}^{*-} D_2^{*-}$	21171	1	28540
21173	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\eta\omega D^- D^{*+}$	21172	1	28541
21174	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^+ K^- D^+ D^-$	612	1	28542
21175	$e^+e^- \to \pi^0\rho^0 K_L\pi^+\pi^+\pi^-\pi^-\pi^- D^+\eta_c$	21174	1	28543
21176	$e^+e^- \to \mu^+\nu_\mu\rho^- K^*\bar{K}^* K^{*+} D^-$	21175	1	28544
21177	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\eta\omega D^{*+}\bar{D}^{*-}$	21176	1	28545
21178	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\omega\omega D^- D^{*+}$	21177	1	28546
21179	$e^+e^- \to \pi^0\omega K^{*+} D^- D^0 D^{*0}$	21178	1	28547
21180	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta\eta\omega D^+ D^{*+}$	21179	1	28548
21181	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+\bar{D}^{*-}$	21180	1	28549
21182	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^{*+} D^{*+} D_{s1}'^-$	2741	1	28550
21183	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}$	21182	1	28551
21184	$e^+e^- \to \bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0 D_{s1}'^+\gamma$	21183	1	28552

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21185	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega K^0K^-D^+D^-$	21184	1	28553
21186	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^+\bar{D}^0$	21185	1	28554
21187	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+K^{*-}D^+\bar{p}\Lambda_c^+$	21186	1	28555
21188	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0D^+D_s^-D_{s1}'^-$	21187	1	28556
21189	$e^+e^- \to \pi^-\bar{K}^0\eta' D^+D^-\bar{D}^0D_s^+$	21188	1	28557
21190	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0D^-D_s^+\psi(3770)$	21189	1	28558
21191	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D_s^+D_s^{*-}$	21190	1	28559
21192	$e^+e^- \to \rho^0\rho^+\rho^+\rho^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^0$	21191	1	28560
21193	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta K^0\bar{K}^0D^{*+}\bar{D}^{*0}D_s^{*+}$	21192	1	28561
21194	$e^+e^- \to \bar{K}^0K^+D^+D^-\Sigma^-\bar{\Sigma}^0$	21193	1	28562
21195	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+D^{*+}\bar{p}\Sigma_c^{*++}$	21194	1	28563
21196	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*-}D_{s1}'^+$	21195	1	28564
21197	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\omega\bar{D}^{*-}D_2^{*+}$	21196	1	28565
21198	$e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^+$	21197	1	28566
21199	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-\eta D^-D^{*+}$	21198	1	28567
21200	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+}$	21199	1	28568
21201	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta' D^{*+}\bar{D}^{*-}$	21200	1	28569
21202	$e^+e^- \to K^*K^-D^+D^+\Delta^-\bar{\Delta}^0$	2742	1	28570
21203	$e^+e^- \to K^*D^{*+}D_s^-J/\psi$	21202	1	28571
21204	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^-\bar{D}^0D^{*0}\bar{n}p$	21203	1	28572
21205	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta D^-D^{*+}\bar{n}\Delta^0$	21204	1	28573
21206	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	21205	1	28574
21207	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0\bar{K}^0D^-D^0$	21206	1	28575
21208	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\omega D^-D^-$	21207	1	28576
21209	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\rho^-D^{*0}D^{*0}$	21208	1	28577
21210	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+K^{*-}D^{*+}$	21209	1	28578
21211	$e^+e^- \to e^+\nu_eK^0K^+K^-K^{*-}D^{*+}\bar{D}^{*-}$	21210	1	28579
21212	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-D^{*0}$	21211	1	28580
21213	$e^+e^- \to \pi^+\pi^-\bar{D}^0\bar{X}_{sd}\gamma$	21212	1	28581
21214	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+D^{*+}D_s^{*-}$	21213	1	28582
21215	$e^+e^- \to \rho^0\bar{D}^{*-}\bar{\Lambda}\Xi^0D_{s1}'^+$	613	1	28583
21216	$e^+e^- \to \pi^+\pi^+\omega D^-D^0D_s^{*-}$	21215	1	28584

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21217	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{K}^*D^0\bar{D}^0\chi_{c1}$	21216	1	28585
21218	$e^+e^- \to e^+\nu_e K^*K^{*-}D^{*+}\bar{D}^{*-}\gamma$	21217	1	28586
21219	$e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^+a_1^-$	21218	1	28587
21220	$e^+e^- \to \rho^0\pi^-\rho^+K^0D^-D_{s0}^{*+}$	21219	1	28588
21221	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{D}^{*-}$	21220	1	28589
21222	$e^+e^- \to \pi^-\pi^-\eta K^*\bar{K}^*D^+D^+$	21221	1	28590
21223	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^{*-}$	21222	1	28591
21224	$e^+e^- \to K^-D^+D^-\bar{D}^{*0}a_1^+$	21223	1	28592
21225	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0K^*K^{*-}D^{*+}D^{*0}\bar{D}^{*0}$	21224	1	28593
21226	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-D^{*+}D_{s1}'^-$	21225	1	28594
21227	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\eta\omega D^+\bar{D}^{*-}$	21226	1	28595
21228	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-\bar{\Delta}^-\Delta^0$	21227	1	28596
21229	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0D^-$	21228	1	28597
21230	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_1^-$	21229	1	28598
21231	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega D^{*0}\bar{D}^{*0}$	21230	1	28599
21232	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta K^0\bar{K}^0D^-\bar{D}^{*-}$	21231	1	28600
21233	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-\eta\eta\eta\omega D^+D^-$	21232	1	28601
21234	$e^+e^- \to \tau^+\nu_\tau\omega D^-D^{*+}\bar{D}^{*-}$	21233	1	28602
21235	$e^+e^- \to \tau^+\nu_\tau D^-D_s^-D_1^+$	21234	1	28603
21236	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^0$	21235	1	28604
21237	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-\rho^-D^+D^-$	21236	1	28605
21238	$e^+e^- \to \rho^-K^0D_2^{*+}D^{*0}\bar{D}^{*0}$	21237	1	28606
21239	$e^+e^- \to e^-\bar{\nu}_e\rho^0\eta\bar{K}^*K^{*+}D^-D_0^{*+}$	21238	1	28607
21240	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^+n\bar{\Xi}_c^0$	21239	1	28608
21241	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	21240	1	28609
21242	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\eta\bar{K}^0K^+K^-D^-D^0$	21241	1	28610
21243	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^+D^-D^0$	21242	1	28611
21244	$e^+e^- \to \rho^0\bar{K}^0D^+D^-\bar{D}^0$	21243	1	28612
21245	$e^+e^- \to \rho^-\omega D^+D^-D_s^+\gamma$	21244	1	28613
21246	$e^+e^- \to e^+\nu_e\bar{K}^0K^+\bar{D}^{*-}D^0D_s^{*-}$	21245	1	28614
21247	$e^+e^- \to \pi^-\eta D^-D^{*+}\bar{n}p$	21246	1	28615
21248	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0}$	21247	1	28616

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21249	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}p\bar{p}$	21248	1	28617
21250	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^-\omega K^+D^+\bar{D}^{*0}$	21249	1	28618
21251	$e^+e^- \to K^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{--}D_{s1}'^+$	21250	1	28619
21252	$e^+e^- \to \bar{K}^*\bar{D}^{*-}\bar{D}^0D^{*0}D_{s1}'^+$	21251	1	28620
21253	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-}$	21252	1	28621
21254	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-D^{*+}D_0^{*-}$	21253	1	28622
21255	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-\bar{D}^{*-}\bar{D}^0$	21254	1	28623
21256	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^0K^-D^+\bar{D}^{*-}$	21255	1	28624
21257	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^0$	21256	1	28625
21258	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\eta\bar{K}^*D^{*+}n\bar{\Xi}_c'^0$	21257	1	28626
21259	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\omega K^+D^+\chi_{c1}$	21258	1	28627
21260	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	21259	1	28628
21261	$e^+e^- \to e^+\nu_e\eta D^-\Sigma^{*0}\bar{\Omega}_c^0$	21260	1	28629
21262	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+D^{*+}\bar{D}^{*0}D_s^{*-}$	21261	1	28630
21263	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^+D^-p\bar{\Delta}^+$	21262	1	28631
21264	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}$	21263	1	28632
21265	$e^+e^- \to \pi^+\rho^+\rho^-\omega K^0K^-K^{*-}D^+J/\psi$	21264	1	28633
21266	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta'\bar{D}^{*-}D^{*0}$	21265	1	28634
21267	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^-$	21266	1	28635
21268	$e^+e^- \to \tau^+\nu_\tau\phi D^{*+}\bar{D}^{*-}D_s^{*-}\gamma$	21267	1	28636
21269	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^{*+}$	21268	1	28637
21270	$e^+e^- \to \tau^+\nu_\tau D^+\bar{D}^{*-}D_{s1}'^-$	21269	1	28638
21271	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	21270	1	28639
21272	$e^+e^- \to e^+\nu_eK^*K^-D^-D^{*+}$	21271	1	28640
21273	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^+D^-D^{*+}$	21272	1	28641
21274	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^0K^{*-}D^+D^+$	21273	1	28642
21275	$e^+e^- \to \rho^0\rho^+\rho^+D^-\bar{D}^{*-}$	21274	1	28643
21276	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^{*0}\bar{n}\Lambda D_1^-$	21275	1	28644
21277	$e^+e^- \to \bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+}D_s^{*-}$	21276	1	28645
21278	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^*D^+D_s^-D_s^{*-}$	21277	1	28646
21279	$e^+e^- \to \rho^+\rho^-\omega D^-D_1'^+$	21278	1	28647
21280	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*\phi D^{*+}J/\psi$	21279	1	28648

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21281	$e^+e^- \to \rho^0\pi^+\pi^+\omega\bar{D}^{*-}D^0D_s^-$	21280	1	28649
21282	$e^+e^- \to \pi^0\rho^+\rho^-\eta\omega\omega K^+K^{*-}D^{*+}\bar{D}^{*-}$	21281	1	28650
21283	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0K^+\phi D^+\bar{D}^{*0}$	21282	1	28651
21284	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta K^0K^0\bar{K}^0D^+\chi_{c1}$	21283	1	28652
21285	$e^+e^- \to \pi^0K^{*+}\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^+$	2744	1	28653
21286	$e^+e^- \to \pi^0\rho^+K^0\bar{K}^0D^+D^-D_s^{*-}$	21285	1	28654
21287	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+K^0K^+K^-D^{*+}D_s^{*-}$	21286	1	28655
21288	$e^+e^- \to e^+\nu_e\pi^0\pi^0\eta\eta\omega\omega\bar{D}^{*-}\bar{D}^0$	21287	1	28656
21289	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}$	21288	1	28657
21290	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\omega D^+D_1'^-$	21289	1	28658
21291	$e^+e^- \to \pi^0\eta K^0\bar{K}^0D^+\bar{D}^{*-}\chi_{c0}$	21290	1	28659
21292	$e^+e^- \to \rho^0\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}J/\psi$	21291	1	28660
21293	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^{*-}\eta'D_s^{*+}D_1^+$	21292	1	28661
21294	$e^+e^- \to \pi^0\rho^0\rho^-K_SK^+K^-D^{*+}$	21293	1	28662
21295	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}\bar{\Delta}^0\Sigma^-$	21294	1	28663
21296	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	21295	1	28664
21297	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^0K^*\bar{K}^*K^+D^{*+}D_s^-$	21296	1	28665
21298	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta D^+D^-D_s^+$	21297	1	28666
21299	$e^+e^- \to \pi^+\pi^+\pi^+\eta K^0\bar{K}^0K^-D^-D^-D^0$	21298	1	28667
21300	$e^+e^- \to \pi^+\rho^-\rho^-\eta K^-D^+D^{*+}\bar{D}^{*0}$	21299	1	28668
21301	$e^+e^- \to \rho^+D^0p\bar{\Delta}^+D_1'^-$	21300	1	28669
21302	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+K^+D^-\bar{D}^{*-}D^0$	21301	1	28670
21303	$e^+e^- \to \tau^+\nu_\tau\rho^-D^{*0}\bar{\Delta}^+\Sigma^{*+}$	2745	1	28671
21304	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0$	21303	1	28672
21305	$e^+e^- \to \pi^-\omega K^0K^+K^+K^-K^-K^{*+}D^{*+}D_s^-$	21304	1	28673
21306	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	21305	1	28674
21307	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*-}$	21306	1	28675
21308	$e^+e^- \to \rho^0\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	21307	1	28676
21309	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\omega D^+D^-$	21308	1	28677
21310	$e^+e^- \to K^*\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	21309	1	28678
21311	$e^+e^- \to \rho^+\rho^+\rho^-\eta K^{*-}D^-D^{*+}\bar{D}^{*0}$	21310	1	28679
21312	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^*D^{*+}\eta_c$	21311	1	28680

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21313	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^0D_s^{*-}D_1^-$	21312	1	28681
21314	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta D^-D^{*+}D_s^-$	2746	1	28682
21315	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{p}\Delta^+$	21314	1	28683
21316	$e^+e^- \to \rho^0\pi^-\rho^+K^0\bar{K}^0\bar{K}^0D^+D^-n\bar{n}$	21315	1	28684
21317	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-}$	2747	1	28685
21318	$e^+e^- \to \rho^+D^{*0}n\bar{n}\Delta^0\bar{\Xi}_c^-$	21317	1	28686
21319	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta\bar{K}^*D^-$	21318	1	28687
21320	$e^+e^- \to \pi^+\pi^-K^0D^{*+}\bar{D}^{*-}D^{*0}\Delta^{++}\bar{\Delta}^{++}$	21319	1	28688
21321	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^*K^{*-}D^+D_2^{*-}$	21320	1	28689
21322	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^0\bar{K}^0\bar{K}^0K^*K^{*-}D^+$	21321	1	28690
21323	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	21322	1	28691
21324	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{\Delta}^0\Sigma_c^{*0}$	21323	1	28692
21325	$e^+e^- \to e^+\nu_e\pi^+\omega K^0K^-K^{*-}D^+\bar{D}^{*-}$	21324	1	28693
21326	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega K^*K^-D^+\bar{D}^{*-}D_s^{*+}$	21325	1	28694
21327	$e^+e^- \to \pi^-\pi^-\omega K^0\bar{K}^*K^+D^{*+}D^0\bar{D}^0$	21326	1	28695
21328	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega\omega D^{*+}$	2748	1	28696
21329	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-K^0\phi D^{*+}D^0$	21328	1	28697
21330	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	21329	1	28698
21331	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^+D^{*+}p\bar{p}$	21330	1	28699
21332	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}D^0\bar{D}^{*0}$	21331	1	28700
21333	$e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^{*0}D_0^{*-}$	21332	1	28701
21334	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\eta D^-D^{*+}\bar{\Delta}^-\Delta^0$	21333	1	28702
21335	$e^+e^- \to \pi^+\pi^-K^+K^-D^+\bar{D}^{*-}$	21334	1	28703
21336	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\rho^-\bar{K}^*K^+D^{*+}\gamma$	21335	1	28704
21337	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}$	21336	1	28705
21338	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^-\omega D^{*+}D^{*+}$	21337	1	28706
21339	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^{*+}D^0$	21338	1	28707
21340	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\eta\omega K^0D^+D^+\bar{D}^0$	21339	1	28708
21341	$e^+e^- \to \pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$	21340	1	28709
21342	$e^+e^- \to e^+\nu_e\rho^-\bar{K}^0D^+D_2^{*-}\bar{D}^{*0}$	21341	1	28710
21343	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	2749	1	28711
21344	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\omega D^-D^{*+}$	21343	1	28712

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21345	$e^+e^- \to \pi^0 K^- D^+ D^- \bar{D}^{*0} D_s^{*+}$	21344	1	28713
21346	$e^+e^- \to \pi^+\pi^+\rho^- D^- D^{*+} \bar{D}^{*-} \Delta^{++} \bar{\Delta}^{++}$	21345	1	28714
21347	$e^+e^- \to \eta K^* D^- D^{*+} \bar{\Sigma}^0 \Xi_c^0$	21346	1	28715
21348	$e^+e^- \to e^- \bar{\nu}_e \pi^- \rho^+ K^* J/\psi D_1'^+$	21347	1	28716
21349	$e^+e^- \to \pi^+ D^- D^{*+} D_{s1}'^-$	21348	1	28717
21350	$e^+e^- \to \pi^+\rho^- D^- D^{*+}\gamma$	21349	1	28718
21351	$e^+e^- \to \pi^0 K^0 K^0 \bar{K}^* K^+ K^- D^+ D_s^{*-}$	21350	1	28719
21352	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^+ D^- D^{*+} p\bar{p}$	21351	1	28720
21353	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^* \bar{D}^{*-}\eta_c$	21352	1	28721
21354	$e^+e^- \to \mu^- \bar{\nu}_\mu K_2^{*0} D^+ J/\psi$	2750	1	28722
21355	$e^+e^- \to \rho^+ K^0 D^+ D^- D^0 D_s^{*-}$	21354	1	28723
21356	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-\eta' D^{*+} \bar{D}^0 D_s^+$	21355	1	28724
21357	$e^+e^- \to \pi^0\pi^-\eta\eta\bar{K}^0 D^{*+} \bar{p}\Lambda_c^+$	21356	1	28725
21358	$e^+e^- \to \rho^0\rho^0\pi^-\rho^-\omega K^{*+} D^+ \eta_c$	21357	1	28726
21359	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta D^- n\bar{\Sigma}_c^0$	21358	1	28727
21360	$e^+e^- \to \mu^- \bar{\nu}_\mu \eta D^- D_2^{*+} D_s^{*+}$	21359	1	28728
21361	$e^+e^- \to \pi^+\rho^- K^0 D^+ D^{*0} \bar{D}^{*0} \bar{\Sigma}^0 \Xi^-$	21360	1	28729
21362	$e^+e^- \to \pi^0\rho^0\eta\omega\omega\bar{D}^0 D^{*0}$	21361	1	28730
21363	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^- D^+ \bar{D}^{*-}$	21362	1	28731
21364	$e^+e^- \to \pi^+\pi^- \bar{D}^0 D_s^+ \bar{\Delta}^0 \Sigma^{*-}$	21363	1	28732
21365	$e^+e^- \to \pi^+\pi^+\eta\omega K^- D^- n\bar{\Sigma}_c^0$	21364	1	28733
21366	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^- D^- J/\psi \bar{K}_1^0$	21365	1	28734
21367	$e^+e^- \to \pi^-\pi^- K^{*+} D^+ D^+ \bar{D}^{*0} D_{s0}^{*-}$	21366	1	28735
21368	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\omega D^- D^{*+}$	21367	1	28736
21369	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^- \bar{D}^{*-} J/\psi$	21368	1	28737
21370	$e^+e^- \to \eta K^0 \bar{K}^0 K^{*-} D^{*+} D_s^+ D_s^{*-}$	21369	1	28738
21371	$e^+e^- \to \pi^-\omega K^{*+} D^+ D^- D^{*0}$	21370	1	28739
21372	$e^+e^- \to \mu^- \bar{\nu}_\mu D^- D_s^+ D_1'^+$	21371	1	28740
21373	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\omega\phi D^- D^0 D_s^{*-} p\bar{p}$	21372	1	28741
21374	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^-\rho^+\rho^+ D^- D_1^+$	21373	1	28742
21375	$e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^0 D^+ \bar{D}^{*-} D^0$	21374	1	28743
21376	$e^+e^- \to \pi^-\omega K^0 D^+ D^{*+} \bar{D}^0 n\bar{p}$	21375	1	28744

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21377	$e^+e^- \to e^+\nu_e\rho^0K^0K^-D^{*+}\bar{D}^{*-}$	21376	1	28745
21378	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^*D^{*+}\bar{D}^{*0}$	21377	1	28746
21379	$e^+e^- \to \pi^0\pi^0\pi^+\eta\omega D^{*+}\bar{D}^{*-}a_1^-$	21378	1	28747
21380	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0D^+D_s^+D_s^{*-}$	2751	1	28748
21381	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+K^0K^0\bar{K}^*K^{*-}\eta'\bar{D}^{*-}D^{*0}$	21380	1	28749
21382	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0$	21381	1	28750
21383	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+K^{*-}D_s^+D_s^-D_1'^+$	21382	1	28751
21384	$e^+e^- \to e^-\bar{\nu}_eK^-D^+\bar{D}^0D_1^+$	21383	1	28752
21385	$e^+e^- \to \pi^0\pi^-\eta\eta K^*D^{*+}p\bar{\Lambda}_c^-$	21384	1	28753
21386	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^-D^{*+}$	21385	1	28754
21387	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^*D^+D^{*+}\bar{D}^{*-}n\bar{n}$	21386	1	28755
21388	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\bar{D}^{*-}\bar{n}p$	21387	1	28756
21389	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta\bar{K}^0K^+D^+D^-$	2752	1	28757
21390	$e^+e^- \to \pi^+\omega K^0K^-D^+\bar{D}^{*-}$	21389	1	28758
21391	$e^+e^- \to \rho^+K^0K^-J/\psi\Lambda\bar{\Sigma}_c^0$	21390	1	28759
21392	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^*D^+D_s^{*-}J/\psi$	21391	1	28760
21393	$e^+e^- \to \pi^+\rho^-K^+K^{*-}D^0\bar{D}^0D^{*0}\bar{D}^{*0}$	21392	1	28761
21394	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^0\rho^0\rho^+K^0\bar{K}^*D^-$	21393	1	28762
21395	$e^+e^- \to e^+\nu_eD^{*+}D_s^{*-}D_1^-$	21394	1	28763
21396	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^+K^-D^+D^-$	21395	1	28764
21397	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0\bar{K}^0K^-D^+D_s^+$	21396	1	28765
21398	$e^+e^- \to \pi^+\rho^-\rho^-K^0D^+D^-D^{*+}$	21397	1	28766
21399	$e^+e^- \to \rho^+\rho^-\rho^-K^{*-}D^+p\bar{\Xi}_c'^0$	21398	1	28767
21400	$e^+e^- \to e^+\nu_e\rho^-D^-D^{*+}\gamma$	21399	1	28768
21401	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}D_2^{*-}$	21400	1	28769
21402	$e^+e^- \to \pi^0\rho^0\rho^-D^{*+}\bar{D}^{*-}\bar{n}p$	21401	1	28770
21403	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{D}^0D^{*0}$	21402	1	28771
21404	$e^+e^- \to \rho^0\rho^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^{*+}$	21403	1	28772
21405	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-\omega\bar{K}^0D^+D^{*+}$	2753	1	28773
21406	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^-K^{*+}D^+D^-$	21405	1	28774
21407	$e^+e^- \to K^*K^-D^-D^{*+}a_1^+$	21406	1	28775
21408	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^{*+}K^{*-}D^-D^{*+}$	21407	1	28776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21409	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	21408	1	28777
21410	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega\eta'\bar{D}^0\bar{\Delta}^0\Sigma_c^{*0}$	21409	1	28778
21411	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}D^0D_s^{*+}$	21410	1	28779
21412	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+D^-D^-D_s^{*+}\gamma$	21411	1	28780
21413	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\Sigma^{*+}\bar{\Xi}_c^{*-}$	21412	1	28781
21414	$e^+e^- \to \pi^+K^+K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	21413	1	28782
21415	$e^+e^- \to \omega D^+D^-D_2^{*+}D_s^-$	21414	1	28783
21416	$e^+e^- \to \pi^+\omega\bar{K}^0K^*D^+\bar{D}^{*-}D_s^{*-}$	21415	1	28784
21417	$e^+e^- \to \pi^0\rho^0D^+n\bar{p}\Sigma^{*0}\bar{\Xi}_c^0$	21416	1	28785
21418	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta K^0\bar{K}^0K^*K^-D^+\bar{D}^{*-}$	21417	1	28786
21419	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-\eta D^+\bar{D}^{*-}$	21418	1	28787
21420	$e^+e^- \to K^-D^{*+}D_2^{*-}\bar{D}^{*0}D_s^+\gamma$	21419	1	28788
21421	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{p}\Lambda_c^+$	21420	1	28789
21422	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^+D_s^{*-}$	21421	1	28790
21423	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}n\bar{\Delta}^0$	21422	1	28791
21424	$e^+e^- \to \rho^-K^+D^0\bar{D}^{*0}D_s^{*+}D_1^-$	21423	1	28792
21425	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}\gamma$	21424	1	28793
21426	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^{*+}$	21425	1	28794
21427	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D_0^{*+}$	21426	1	28795
21428	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^+D^{*+}D_s^{*-}$	21427	1	28796
21429	$e^+e^- \to \pi^+K^*K^{*-}D^+\bar{D}^{*-}D^{*0}$	21428	1	28797
21430	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^+D^-$	21429	1	28798
21431	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+\bar{D}^{*-}D_1^+$	21430	1	28799
21432	$e^+e^- \to \pi^0D^+\Delta^0p\bar{\Delta}^+\bar{\Sigma}_c^-$	21431	1	28800
21433	$e^+e^- \to \pi^0\rho^0D^{*0}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	614	1	28801
21434	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+K^-D^+D^-\bar{D}^0$	2755	1	28802
21435	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	21434	1	28803
21436	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^0K^-D^+\bar{D}^0D_s^{*+}$	21435	1	28804
21437	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+\eta'D^{*+}\bar{D}^{*-}D_s^{*-}$	21436	1	28805
21438	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^{*+}\bar{D}^{*-}D_1'^-$	21437	1	28806
21439	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^-\bar{D}^0D_s^{*+}$	21438	1	28807
21440	$e^+e^- \to e^+\nu_e\pi^-K^0D^+\bar{D}^{*-}$	21439	1	28808

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21441	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^+D^-n\bar{p}$	21440	1	28809
21442	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^0$	21441	1	28810
21443	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^+D^{*+}\chi_{c1}$	21442	1	28811
21444	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	21443	1	28812
21445	$e^+e^- \to \pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	21444	1	28813
21446	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}$	21445	1	28814
21447	$e^+e^- \to e^+\nu_e\pi^-\eta' D^+D^-$	21446	1	28815
21448	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+}\Delta^+\bar{\Delta}^{++}$	21447	1	28816
21449	$e^+e^- \to \pi^0\pi^+\bar{K}^*K^{*+}D^-\bar{D}^{*-}D^{*0}D^{*0}$	21448	1	28817
21450	$e^+e^- \to D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}^{*0}a_1^-$	21449	1	28818
21451	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	21450	1	28819
21452	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^-D_s^+\bar{K}_0^{*0}$	21451	1	28820
21453	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega K^+K^-D^+\bar{n}\Xi_c'^0$	21452	1	28821
21454	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^0D^{*0}D_1^-$	21453	1	28822
21455	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^0K^0\bar{K}^*K^{*-}D^{*+}\bar{D}^{*-}$	21454	1	28823
21456	$e^+e^- \to \pi^+\pi^+\pi^-K^0\bar{K}^0K^*K^-D^+D^-n\bar{n}$	21455	1	28824
21457	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*0}$	21456	1	28825
21458	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	21457	1	28826
21459	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-K^{*+}D^-\bar{D}^{*-}$	21458	1	28827
21460	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^{*+}\bar{D}^0$	21459	1	28828
21461	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	21460	1	28829
21462	$e^+e^- \to \rho^0\pi^-K^*D^{*+}D^{*0}\bar{D}^{*0}$	21461	1	28830
21463	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega D^-D^{*+}$	21462	1	28831
21464	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^{*+}D^{*+}$	21463	1	28832
21465	$e^+e^- \to \pi^0\bar{D}^{*-}\bar{\Delta}^0\bar{\Sigma}^0\Sigma^+\Sigma_c^0$	21464	1	28833
21466	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega D^+D^+$	21465	1	28834
21467	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^-K^{*+}\bar{D}^{*-}D^0$	21466	1	28835
21468	$e^+e^- \to \pi^0\pi^0\pi^-D^+\bar{D}^0D_s^-D_s^{*+}$	21467	1	28836
21469	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-\omega K^*D^+D^{*+}\bar{D}^{*0}$	21468	1	28837
21470	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^{*+}D^+\bar{D}^0D_s^{*-}$	21469	1	28838
21471	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^-D^{*0}D_s^+$	21470	1	28839
21472	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}$	21471	1	28840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21473	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\rho^-\eta' D^{*+}\bar{D}^{*-}$	21472	1	28841
21474	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^- D_2^{*+}$	21473	1	28842
21475	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^0 K^+ K^+ D^+\bar{D}^{*-} D_s^-$	21474	1	28843
21476	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^+ D_s^- J/\psi$	21475	1	28844
21477	$e^+e^- \to \omega\omega\bar{K}^0 K^+ D^+ D^- a_1^-$	21476	1	28845
21478	$e^+e^- \to \pi^0\pi^+ K_2^{*0}\bar{D}^{*-} J/\psi$	21477	1	28846
21479	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^{*+} D^{*+}\bar{D}^{*-} D^{*0}$	21478	1	28847
21480	$e^+e^- \to \pi^0\pi^0 K^+ D^-\bar{D}^{*-}\bar{n}\Lambda D_{s1}'^+$	21479	1	28848
21481	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-} D^0\bar{D}^{*0}$	21480	1	28849
21482	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta K^- D^+ D^-\bar{D}^{*0}$	21481	1	28850
21483	$e^+e^- \to \pi^+\pi^-\bar{K}^0 K^{*+}\bar{D}^{*-} D^{*0}\eta_c$	21482	1	28851
21484	$e^+e^- \to \pi^-\rho^+\rho^-\eta\bar{K}^* K^- D^{*+} D^{*+}$	21483	1	28852
21485	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{D}^{*-}\bar{n}\Delta^+\eta_c(2S)$	21484	1	28853
21486	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^- D^+ D^+$	21485	1	28854
21487	$e^+e^- \to \rho^0\pi^+\eta\eta K^-\bar{D}^{*-} a_1^+$	21486	1	28855
21488	$e^+e^- \to e^-\bar{\nu}_e D^+ D^{*+}\Delta^0\bar{\Delta}^+$	21487	1	28856
21489	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ D^+ p\bar{\Sigma}_c^{--}$	21488	1	28857
21490	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^+ K^+ K^{*-} D^-\bar{D}^0$	21489	1	28858
21491	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\rho^- K^+ D^{*+} D_s^-$	21490	1	28859
21492	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\pi^-\rho^+ D^{*+} D^{*+}$	21491	1	28860
21493	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\rho^+ K^* D^{*+}$	21492	1	28861
21494	$e^+e^- \to \pi^+\pi^-\omega D^{*+}\bar{D}^{*-} D_s^{*+} n\bar{p}$	21493	1	28862
21495	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	21494	1	28863
21496	$e^+e^- \to \rho^0\rho^+ K^* K^- D^- D^{*+}$	21495	1	28864
21497	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*0}\bar{D}^{*0}\bar{\Lambda}\Sigma^0$	21496	1	28865
21498	$e^+e^- \to \pi^0\pi^+ K^* K^- D^+\bar{D}^{*-} n\bar{n}$	21497	1	28866
21499	$e^+e^- \to \tau^+\nu_\tau K^0\phi D^-\eta_c\gamma$	21498	1	28867
21500	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\rho^- D^+\bar{D}^{*0}$	21499	1	28868
21501	$e^+e^- \to \pi^0\pi^+\pi^- K^0 D^+\bar{D}^0 a_1^-$	21500	1	28869
21502	$e^+e^- \to \rho^0\rho^+\omega\bar{K}^* D^-\eta_c$	21501	1	28870
21503	$e^+e^- \to \pi^+\rho^-\omega D^+\bar{D}^{*-}$	21502	1	28871
21504	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+ D^- D^{*+}$	21503	1	28872

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21505	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-}\bar{n}p$	21504	1	28873
21506	$e^+e^- \to \pi^-K^0D^+D^+a_1^-$	21505	1	28874
21507	$e^+e^- \to \bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-}\Delta^0\bar{\Xi}_c^{*0}$	21506	1	28875
21508	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\eta K^-D^+\bar{D}^{*-}$	21507	1	28876
21509	$e^+e^- \to \mu^+\nu_\mu X_u^-\rho^+K^-D^0$	21508	1	28877
21510	$e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}D_2^{*-}D_s^{*+}$	21509	1	28878
21511	$e^+e^- \to \rho^+\rho^-K^0K^-D^+D^{*+}a_1^-$	21510	1	28879
21512	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-D^{*+}\bar{D}^{*-}n\bar{n}$	21511	1	28880
21513	$e^+e^- \to \pi^0\pi^-\eta K^+D^+p\bar{p}\Sigma^{*0}\bar{\Sigma}_c^{*-}$	21512	1	28881
21514	$e^+e^- \to \pi^-\eta K^*K^-D^+D^{*+}$	21513	1	28882
21515	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^-D^{*+}\bar{\Sigma}^+\Sigma^+$	21514	1	28883
21516	$e^+e^- \to e^-\bar{\nu}_eX_u^+K^{*-}D^+\bar{D}^{*0}$	21515	1	28884
21517	$e^+e^- \to \pi^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+\bar{\Delta}^+\Sigma_c^{++}$	2756	1	28885
21518	$e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^*K^{*-}D^{*+}D^{*+}\bar{D}^0$	21517	1	28886
21519	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^{*+}D_s^-$	21518	1	28887
21520	$e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^{\prime 0}$	21519	1	28888
21521	$e^+e^- \to \rho^+D^{*+}D_s^{*-}\bar{p}\Sigma_c^0$	21520	1	28889
21522	$e^+e^- \to \mu^+\nu_\mu K^+K^-D^-\bar{D}^{*-}D_s^+$	21521	1	28890
21523	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^{*+}D^-D^{*+}$	21522	1	28891
21524	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta K^-K^{*+}D^-D^{*+}$	21523	1	28892
21525	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+D^-D^{*+}D_s^{*+}$	21524	1	28893
21526	$e^+e^- \to \eta K^{*-}D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^{*0}$	21525	1	28894
21527	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega K^{*+}K^{*-}D^{*+}D_0^{*-}$	21526	1	28895
21528	$e^+e^- \to K^0D^-D^{*+}D_s^-D_1^+$	21527	1	28896
21529	$e^+e^- \to e^+\nu_e\pi^0\pi^0K^*\bar{D}^{*-}\Lambda\bar{\Xi}_c^0$	21528	1	28897
21530	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}\Lambda_c^+\bar{\Lambda}_c^-$	21529	1	28898
21531	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\eta^\prime D^+D^-$	21530	1	28899
21532	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^{*0}$	2757	1	28900
21533	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^*D^+D^{*+}\bar{D}^{*-}$	21532	1	28901
21534	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0K^-D^+D^+$	21533	1	28902
21535	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-K^0D^+\eta_c$	21534	1	28903
21536	$e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^0K^*\bar{K}^*D^+D^-D_s^+$	21535	1	28904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21537	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0K^*K^-D^{*+}D^0\bar{D}^0$	21536	1	28905
21538	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}D_s^{*-}$	21537	1	28906
21539	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^+$	21538	1	28907
21540	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+\bar{D}^0D_1^-$	21539	1	28908
21541	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^{*+}D^0\bar{D}^{*0}$	21540	1	28909
21542	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^*D^+\bar{D}^{*-}$	21541	1	28910
21543	$e^+e^- \to \pi^+\bar{K}^*D^+D^-\bar{D}^{*-}p\bar{p}$	21542	1	28911
21544	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^-\bar{D}^0D_s^{*+}$	21543	1	28912
21545	$e^+e^- \to \pi^0\rho^-\omega\omega K^-D^+D^+\bar{D}^{*0}$	21544	1	28913
21546	$e^+e^- \to \pi^0\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}a_1^+$	21545	1	28914
21547	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta K^-D^{*+}D_s^+$	21546	1	28915
21548	$e^+e^- \to \tau^+\nu_\tau\rho^-\omega\omega D^{*+}D_1^-$	21547	1	28916
21549	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	21548	1	28917
21550	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^{*+}D^+\bar{D}^0D_s^-$	2758	1	28918
21551	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^+D^{*+}D_{s1}'^-$	21550	1	28919
21552	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-K^0D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	21551	1	28920
21553	$e^+e^- \to \mu^+\nu_\mu\eta D^+\bar{D}^{*-}D_s^{*-}$	21552	1	28921
21554	$e^+e^- \to \omega K^+D^{*+}\bar{D}^{*-}D_s^-$	44	1	28922
21555	$e^+e^- \to \pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}a_1^+$	21554	1	28923
21556	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{K}^*D^-\bar{D}^{*-}D^{*0}$	21555	1	28924
21557	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\bar{D}^{*-}D^0D_s^{*-}$	21556	1	28925
21558	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}a_1^+$	21557	1	28926
21559	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}a_1^+$	21558	1	28927
21560	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\omega\omega K^0K^-D^-D^0$	21559	1	28928
21561	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega K^*D^+\bar{D}^{*0}$	21560	1	28929
21562	$e^+e^- \to \pi^+\pi^+\rho^-K^-D^-D^{*+}\bar{D}^{*0}$	21561	1	28930
21563	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+D^-D_s^+$	21562	1	28931
21564	$e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0K^*\bar{K}^*D^+D^{*+}D_s^{*-}$	21563	1	28932
21565	$e^+e^- \to \pi^0\pi^0\pi^0\omega K^+K^+K^-K^-D^{*0}\Delta^0\bar{\Sigma}_c^0$	21564	1	28933
21566	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	21565	1	28934
21567	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-D^+D_2^{*-}$	21566	1	28935
21568	$e^+e^- \to \pi^0\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	21567	1	28936

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21569	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^* K^- K^{*+} K^{*-} D^+ D^+$	21568	1	28937
21570	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0$	21569	1	28938
21571	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega\omega\bar{K}^0 K^+ D^{*+}\bar{D}^0 p\bar{p}$	21570	1	28939
21572	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^+ K^- D^{*+}\bar{D}^{*-}$	21571	1	28940
21573	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-}$	21572	1	28941
21574	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{D}^{*-}\bar{n}pD_1^+$	21573	1	28942
21575	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0 K^{*+} D^{*+}\bar{D}^{*-}$	21574	1	28943
21576	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 D^+ D_2^{*+} D_s^-$	21575	1	28944
21577	$e^+e^- \to \pi^+\pi^-\rho^-\rho^- K^+ K^- D^{*+}\bar{D}^0 D_s^{*+}$	21576	1	28945
21578	$e^+e^- \to \pi^+\rho^-\eta D^{*+} p\bar{\Sigma}_c^{--}$	21577	1	28946
21579	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- D^{*+} D^{*0} n\bar{\Delta}^0$	21578	1	28947
21580	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+ n\bar{\Sigma}_c^-$	21579	1	28948
21581	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^+ K^- K^{*+}\eta' D^{*+}\bar{D}^0$	21580	1	28949
21582	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega K^*\bar{K}^* K^+ D^+ D^-$	21581	1	28950
21583	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^+\omega\bar{D}^{*-} D^{*0}$	21582	1	28951
21584	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^0$	21583	1	28952
21585	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^0\bar{n}p$	21584	1	28953
21586	$e^+e^- \to \pi^+\pi^- D^- n\bar{n}\bar{n}\Xi_c'^+$	21585	1	28954
21587	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega K^+ K^- D^+ D^-$	21586	1	28955
21588	$e^+e^- \to \pi^-\rho^+\rho^- K^{*+} D^+ D^- D^{*0}$	21587	1	28956
21589	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta\omega D^- D^{*+}$	21588	1	28957
21590	$e^+e^- \to \pi^-\pi^-\omega K^{*+} D^{*+}\eta_c$	21589	1	28958
21591	$e^+e^- \to \pi^-\rho^+\eta K^{*-} D^+\bar{D}^0\bar{D}^{*0}$	21590	1	28959
21592	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\omega\bar{K}^* K^+ D^- D^{*0} n\bar{p}$	21591	1	28960
21593	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}$	21592	1	28961
21594	$e^+e^- \to K^* D^+ D^{*+}\bar{D}^{*-} D_s^{*-}\gamma$	21593	1	28962
21595	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega D^{*+} D_0^{*-}$	21594	1	28963
21596	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta' D^- D^{*0}$	21595	1	28964
21597	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-}$	21596	1	28965
21598	$e^+e^- \to \mu^+\nu_\mu X_u^-\rho^+\rho^-\bar{K}^0 D^{*0}$	21597	1	28966
21599	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta K^-\bar{D}^{*-}\bar{D}^{*0}$	21598	1	28967
21600	$e^+e^- \to \pi^0\pi^0\rho^+\eta K^0 D^+ D^-\bar{D}^{*-}$	21599	1	28968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21601	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\eta D^- D^{*+}$	21600	1	28969
21602	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^- D^+ D^-$	21601	1	28970
21603	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\rho^- D^{*+}\bar{D}^{*0}$	21602	1	28971
21604	$e^+e^- \to \pi^0\pi^+\rho^+\eta D^-\bar{D}^{*-}\gamma$	21603	1	28972
21605	$e^+e^- \to \pi^0\pi^0\rho^+\eta\eta D^- D^{*0}$	21604	1	28973
21606	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_1^-$	21605	1	28974
21607	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}J/\psi n\bar{\Lambda}$	21606	1	28975
21608	$e^+e^- \to \mu^+\nu_\mu\eta' D^+\bar{D}^{*-}n\bar{p}$	21607	1	28976
21609	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-\omega D^+ D^+$	21608	1	28977
21610	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega K^+ D^- D_1'^+$	21609	1	28978
21611	$e^+e^- \to \pi^+\pi^+\pi^- K^0 K^0\bar{K}^0 D^0 D_s^-$	2760	1	28979
21612	$e^+e^- \to \pi^- K_S K^+ J/\psi a_1^0$	21611	1	28980
21613	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ K^0\bar{K}^* K^- D^+$	21612	1	28981
21614	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^0 n\bar{n}\gamma$	2761	1	28982
21615	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+ K^+ K^{*-} D^{*+}\bar{D}^0$	21614	1	28983
21616	$e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^*\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	21615	1	28984
21617	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	21616	1	28985
21618	$e^+e^- \to \pi^0\pi^+\omega\omega K^{*+}D^{*+}\bar{D}^{*-}\bar{p}\Sigma^-$	21617	1	28986
21619	$e^+e^- \to \pi^+\pi^+\rho^- K^{*+}\eta' D^- n\bar{\Lambda}_c^-$	21618	1	28987
21620	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^+\bar{D}^0 D_s^{*+}\bar{\Sigma}^+\Sigma^-$	21619	1	28988
21621	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^+ D^-$	21620	1	28989
21622	$e^+e^- \to \pi^+\bar{K}^0 K^- D^{*+}\bar{D}^{*-}D_s^{*+}a_1^-$	21621	1	28990
21623	$e^+e^- \to \mu^+\nu_\mu X_u^-\bar{D}^0\bar{n}\Delta^0$	21622	1	28991
21624	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^-\bar{\Delta}^0\Sigma_c^0$	21623	1	28992
21625	$e^+e^- \to \pi^-\rho^+\rho^- D^{*+}\bar{D}^{*-}D_s^+$	21624	1	28993
21626	$e^+e^- \to \rho^0\rho^+\bar{K}^0 K^+ K^{*-}\bar{D}^{*-}J/\psi$	21625	1	28994
21627	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^-\bar{\Delta}^0\Lambda_c^+$	21626	1	28995
21628	$e^+e^- \to \pi^0\pi^+ K^+ D^- D^0 D^{*0} D_s^{*-}$	21627	1	28996
21629	$e^+e^- \to \pi^0\pi^0\bar{K}^0\bar{K}^0 D^{*+}\bar{D}^{*-}\psi'$	21628	1	28997
21630	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 D^{*+}\bar{D}^0\bar{D}^{*0}$	21629	1	28998
21631	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^* K^+ K^- K^{*+} D^- D^{*+}$	21630	1	28999
21632	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega K^{*+}K^{*-}D^- D^{*+}$	21631	1	29000

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21633	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^0D_s^+$	21632	1	29001
21634	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0D^-\psi'$	21633	1	29002
21635	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}\bar{D}^{*-}D^{*0}D_s^+$	21634	1	29003
21636	$e^+e^- \to \rho^0\pi^-\rho^+D^-\bar{D}^{*0}a_1^+$	21635	1	29004
21637	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta D^{*+}n\bar{\Sigma}_c^{*0}$	21636	1	29005
21638	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^*D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	21637	1	29006
21639	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^{*+}J/\psi$	21638	1	29007
21640	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0D_1^+$	21639	1	29008
21641	$e^+e^- \to \pi^0\rho^+\rho^-\bar{K}^0K^{*+}D^-D^{*+}D_s^{*-}$	21640	1	29009
21642	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*K^{*-}D^-D_s^{*+}D_s^{*+}$	21641	1	29010
21643	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\omega\eta'D^-D^0$	21642	1	29011
21644	$e^+e^- \to e^-\bar{\nu}_e\rho^0K^{*+}D^+D_s^{*-}$	21643	1	29012
21645	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}^+D_1'^-$	21644	1	29013
21646	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	21645	1	29014
21647	$e^+e^- \to \pi^0\pi^+\pi^+\omega\omega K^0\bar{K}^0K^*K^-D^-D^0$	21646	1	29015
21648	$e^+e^- \to \pi^+\pi^+\pi^-K^*K^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	21647	1	29016
21649	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	21648	1	29017
21650	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Sigma_c^{*+}$	21649	1	29018
21651	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^-\rho^-K^+D^+\bar{D}^0$	21650	1	29019
21652	$e^+e^- \to e^+\nu_e\bar{K}^*D^-D_s^+D_s^{*-}$	21651	1	29020
21653	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^+\bar{D}^{*-}$	21652	1	29021
21654	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-}n\bar{p}$	21653	1	29022
21655	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}D^{*+}D_s^{*-}$	21654	1	29023
21656	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*+}$	21655	1	29024
21657	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^0K^{*-}\bar{D}^{*-}D^{*0}$	21656	1	29025
21658	$e^+e^- \to \mu^+\nu_\mu K^*J/\psi D_1^-$	21657	1	29026
21659	$e^+e^- \to \pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-}a_1^+$	21658	1	29027
21660	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-K^0K^-D^+D^{*+}$	21659	1	29028
21661	$e^+e^- \to \omega K^0K^*D^+D^-D^{*+}\bar{D}^{*-}$	21660	1	29029
21662	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{D}^{*-}J/\psi$	21661	1	29030
21663	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^-D^{*+}\bar{n}p$	21662	1	29031
21664	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+D^-\bar{D}^{*-}\Sigma^0\bar{\Sigma}^{*0}$	21663	1	29032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21665	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}$	21664	1	29033
21666	$e^+e^- \to \pi^0\bar{K}^0D^-D^0\bar{D}^{*0}D_{s1}'^+$	21665	1	29034
21667	$e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^*D^+D^-D^-$	21666	1	29035
21668	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega D^{*+}D^{*+}\Delta^-\bar{p}$	21667	1	29036
21669	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega D^+D^{*+}$	2762	1	29037
21670	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*0}\gamma$	21669	1	29038
21671	$e^+e^- \to \rho^-K^*K^+K^{*+}K^{*-}\phi D^{*+}D_s^{*-}$	21670	1	29039
21672	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*+}\bar{n}p$	21671	1	29040
21673	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\bar{D}^{*-}D^0D_{s1}'^+$	2763	1	29041
21674	$e^+e^- \to \pi^-K^+D^+\bar{D}^{*-}D^{*0}n\bar{\Delta}^0$	21673	1	29042
21675	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	21674	1	29043
21676	$e^+e^- \to \pi^0\rho^0\pi^-K^0K^-D^+\bar{D}^{*0}D_s^+$	21675	1	29044
21677	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^+D_1'^-$	21676	1	29045
21678	$e^+e^- \to \bar{K}^0D^-D^-D^{*+}D_s^{*+}$	21677	1	29046
21679	$e^+e^- \to \pi^0\bar{K}^*K^-\phi D^{*+}\bar{D}^{*-}D_s^{*+}$	21678	1	29047
21680	$e^+e^- \to e^-\bar{\nu}_e\pi^0\omega\bar{K}^0D^{*+}\eta_c$	21679	1	29048
21681	$e^+e^- \to \eta K^0\bar{D}^{*-}D^0\bar{D}^0a_1^+$	21680	1	29049
21682	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+K^+K^-\eta'D^{*+}\bar{D}^{*0}$	21681	1	29050
21683	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}$	21682	1	29051
21684	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega K^0\bar{K}^0K^*K^-D^-D^{*+}$	21683	1	29052
21685	$e^+e^- \to \rho^0\pi^-\eta\bar{K}^*K^{*+}\bar{D}^0D^{*0}$	21684	1	29053
21686	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_s^{*+}D_1'^+$	21685	1	29054
21687	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-\eta\omega D^+D^-$	21686	1	29055
21688	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta D^+D^-D_s^-\gamma$	21687	1	29056
21689	$e^+e^- \to \pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	21688	1	29057
21690	$e^+e^- \to \rho^-\rho^-\omega\bar{K}^*\bar{D}^0D_s^+D_s^{*+}$	21689	1	29058
21691	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0K^-D^{*+}\bar{D}^{*0}$	21690	1	29059
21692	$e^+e^- \to K_LD^-D_s^{*+}\eta_c$	21691	1	29060
21693	$e^+e^- \to \rho^0\rho^0\pi^+\eta D^0\Delta^0\bar{\Xi}_c^{*-}$	21692	1	29061
21694	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0\bar{D}^{*-}D^0D_s^{*+}$	21693	1	29062
21695	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Sigma^0\bar{\Xi}_c'^0$	21694	1	29063
21696	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta K^0D^-D^{*+}D^{*+}$	21695	1	29064

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21697	$e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	21696	1	29065
21698	$e^+e^- \to \rho^+\omega D^-D^{*+}a_1^-$	21697	1	29066
21699	$e^+e^- \to \pi^0\bar{K}^*D^+D^-n\bar{\Sigma}_c^0$	21698	1	29067
21700	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\bar{D}^{*-}D_1^-\gamma$	21699	1	29068
21701	$e^+e^- \to \pi^+\rho^+\rho^-K^-D^+D^-\bar{D}^{*0}$	21700	1	29069
21702	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{p}\Delta^{++}$	21701	1	29070
21703	$e^+e^- \to \pi^0\rho^0\rho^-K^+K^-D^+\bar{D}^{*-}D_s^{*+}\gamma$	21702	1	29071
21704	$e^+e^- \to \pi^0\pi^0\pi^+K^{*-}\bar{D}^{*0}J/\psi$	21703	1	29072
21705	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^{*+}n\bar{\Omega}_c^0$	21704	1	29073
21706	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+}\bar{n}p$	21705	1	29074
21707	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\bar{D}^{*-}$	21706	1	29075
21708	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\rho^-D^-D_1'^+$	21707	1	29076
21709	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}\bar{D}^0\bar{\Sigma}^{*+}\Lambda$	21708	1	29077
21710	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\eta_c$	21709	1	29078
21711	$e^+e^- \to \pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^-$	21710	1	29079
21712	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}$	21711	1	29080
21713	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^*K^{*+}D^-D^{*+}$	21712	1	29081
21714	$e^+e^- \to \pi^0\pi^0K^+K^-D^+\bar{D}^{*-}D_s^+n\bar{p}$	21713	1	29082
21715	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-K^*D^+D^{*+}\bar{D}^{*-}$	21714	1	29083
21716	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\eta\omega D^{*+}$	21715	1	29084
21717	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0$	21716	1	29085
21718	$e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^+$	21717	1	29086
21719	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^-\bar{n}\Lambda_c^+\chi_{c1}$	21718	1	29087
21720	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0K^*D^{*+}D_0^{*-}$	21719	1	29088
21721	$e^+e^- \to \pi^+\pi^-\eta D^+D^-D_s^{*+}n\bar{p}$	21720	1	29089
21722	$e^+e^- \to \pi^0\pi^0\rho^+\eta\bar{K}^0D^-D^-D^{*+}$	21721	1	29090
21723	$e^+e^- \to \pi^0K^-D^+\bar{D}^{*0}n\bar{\Sigma}_c^{*0}$	21722	1	29091
21724	$e^+e^- \to \pi^-K^+\bar{D}^{*-}\bar{D}^0D^{*0}D_s^{*+}$	21723	1	29092
21725	$e^+e^- \to \pi^-\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	21724	1	29093
21726	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\eta D^-D^{*+}n\bar{p}$	21725	1	29094
21727	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}\bar{D}^0$	21726	1	29095
21728	$e^+e^- \to \rho^0\bar{D}^{*-}\bar{D}^{*-}D_s^+\bar{n}p$	21727	1	29096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21729	$e^+e^- \to \rho^0\pi^+\rho^-\eta\bar{K}^0K^+D^-\bar{\Delta}^+\Sigma_c^{*+}$	21728	1	29097
21730	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-K^{*+}K^{*+}K^{*-}K^{*-}\bar{D}^{*-}$	2764	1	29098
21731	$e^+e^- \to \pi^0\pi^+\pi^+K^0K^-\eta'D^-\bar{D}^{*-}a_1^+$	21730	1	29099
21732	$e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^0p\bar{\Xi}_c^-$	21731	1	29100
21733	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\omega\omega D^+D^-$	21732	1	29101
21734	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^*K^-D^{*+}\bar{D}^{*-}$	21733	1	29102
21735	$e^+e^- \to \pi^0\rho^0\pi^-K^0D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	21734	1	29103
21736	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^-D_s^{*+}D_s^{*+}$	21735	1	29104
21737	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-K^0\bar{K}^0\bar{K}^0K^*D^-D^{*+}$	21736	1	29105
21738	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	21737	1	29106
21739	$e^+e^- \to K^*\bar{K}^*D^-D^{*+}D^0\bar{D}^{*0}$	21738	1	29107
21740	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-}D_s^+$	21739	1	29108
21741	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^+K^+D^-D^-D^{*0}$	21740	1	29109
21742	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-K^*K^-D^+\bar{D}^{*-}$	21741	1	29110
21743	$e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}\bar{p}\Sigma_c^+$	616	1	29111
21744	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-}$	21743	1	29112
21745	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^+D^-$	21744	1	29113
21746	$e^+e^- \to \pi^+\pi^+\eta\omega D^-D^-n\bar{n}$	21745	1	29114
21747	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+K^0K^-D^+\bar{D}^{*0}$	21746	1	29115
21748	$e^+e^- \to e^+\nu_e\bar{K}^*K^+K^{*-}D^-$	21747	1	29116
21749	$e^+e^- \to \rho^0\pi^+\pi^-K^0\bar{K}^*K^-D^+D^-D_s^+$	21748	1	29117
21750	$e^+e^- \to \bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-}$	21749	1	29118
21751	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^0$	21750	1	29119
21752	$e^+e^- \to e^-\bar{\nu}_e\rho^-\eta\eta D^+D^{*+}$	21751	1	29120
21753	$e^+e^- \to \pi^0\pi^+\pi^-K^+K^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	21752	1	29121
21754	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}$	21753	1	29122
21755	$e^+e^- \to \rho^+K^-K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	21754	1	29123
21756	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}n\bar{p}$	2766	1	29124
21757	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D^-$	2767	1	29125
21758	$e^+e^- \to \pi^-\omega K^0D^+\eta_cn\bar{n}$	21757	1	29126
21759	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\eta D^+D^-$	21758	1	29127
21760	$e^+e^- \to K^0K^-D^0\bar{D}^{*0}D_s^{*+}$	2768	1	29128

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21761	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0}$	21760	1	29129
21762	$e^+e^- \to \pi^-\eta' D^+D^-D_s^+$	21761	1	29130
21763	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-\psi(3770)$	21762	1	29131
21764	$e^+e^- \to \pi^0\rho^-\omega D^+\bar{D}^{*-}D_s^{*+}$	21763	1	29132
21765	$e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta D^{*+}D^{*+}$	21764	1	29133
21766	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0\bar{D}^{*-}a_1^+$	21765	1	29134
21767	$e^+e^- \to \pi^+\eta\omega D^-\bar{p}\Lambda_c^+$	21766	1	29135
21768	$e^+e^- \to \pi^-\eta\omega\bar{K}^*K^{*+}\eta' D^+D^-$	21767	1	29136
21769	$e^+e^- \to \rho^0\pi^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	21768	1	29137
21770	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^{*-}\bar{D}^{*-}D^{*0}$	21769	1	29138
21771	$e^+e^- \to e^+\nu_e\pi^+\omega D^0D_s^{*-}D_1^-$	21770	1	29139
21772	$e^+e^- \to \pi^-K^+K^+\bar{D}^{*-}D^0D^0\bar{D}^0$	21771	1	29140
21773	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta\bar{K}^0D^-D^0\bar{D}^{*0}$	21772	1	29141
21774	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-D^+\bar{D}^{*0}$	21773	1	29142
21775	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\bar{D}^{*-}D_1'^+$	21774	1	29143
21776	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\omega D^-\bar{D}^{*-}$	21775	1	29144
21777	$e^+e^- \to \pi^0\rho^0\pi^+K^0K^0\bar{K}^0K^-D^{*0}\bar{D}^{*0}\bar{p}\Delta^+$	21776	1	29145
21778	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}$	21777	1	29146
21779	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^{*+}D_s^{*-}$	21778	1	29147
21780	$e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*-}a_1^+$	21779	1	29148
21781	$e^+e^- \to \mu^+\nu_\mu K^{*+}D^-\bar{D}^{*-}D^0$	21780	1	29149
21782	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^-D^{*+}$	21781	1	29150
21783	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^*D^+\bar{D}^{*-}$	21782	1	29151
21784	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}\bar{D}^{*-}D_s^+$	21783	1	29152
21785	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}D^{*+}$	21784	1	29153
21786	$e^+e^- \to \omega K^-D^+D^+\bar{D}^{*-}\bar{D}^0$	21785	1	29154
21787	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta' D^{*+}\bar{D}^{*-}$	21786	1	29155
21788	$e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^-D^+D^-\bar{D}^{*-}$	21787	1	29156
21789	$e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^0a_1^+$	21788	1	29157
21790	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-\eta K^*K^+K^-K^{*-}D^+D^-$	21789	1	29158
21791	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^0K^{*-}D^+D^{*+}n\bar{n}$	21790	1	29159
21792	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^+K^-D_2^{*+}D^{*0}D_s^{*-}$	21791	1	29160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21793	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\phi D^+D^-D_s^{*-}$	21792	1	29161
21794	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^+D^-\bar{D}^{*-}$	21793	1	29162
21795	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+K^+K^-D^-D^-$	21794	1	29163
21796	$e^+e^- \to \pi^+K^*K^{*-}\phi\eta_cJ/\psi$	21795	1	29164
21797	$e^+e^- \to \pi^0\rho^-K^*\eta'D^{*+}D_s^+D_s^{*-}$	21796	1	29165
21798	$e^+e^- \to \rho^0\rho^-K^+K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	21797	1	29166
21799	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0K^+D^-D^0D_s^-$	21798	1	29167
21800	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^{*-}D^{*+}\bar{D}^{*-}$	21799	1	29168
21801	$e^+e^- \to \pi^0\pi^0\pi^-K^*D^+\bar{D}^0D^{*0}n\bar{\Delta}^0$	2769	1	29169
21802	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega\omega D^+\bar{D}^{*-}$	21801	1	29170
21803	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^0\bar{K}^0K^-K^-D^+\bar{D}^0$	21802	1	29171
21804	$e^+e^- \to \rho^+\eta\bar{D}^{*-}D^{*0}\Lambda\bar{\Sigma}^{*0}$	21803	1	29172
21805	$e^+e^- \to e^+\nu_e\eta\bar{K}^*K^+K^-D_2^{*-}$	21804	1	29173
21806	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*0}D^{*0}$	21805	1	29174
21807	$e^+e^- \to K^*D^{*+}\Delta^+\bar{\Sigma}_c^-a_1^-\gamma$	2770	1	29175
21808	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{n}\Delta^{++}$	21807	1	29176
21809	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\eta D^+D^+D^-$	21808	1	29177
21810	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-K^0D_s^{*-}$	21809	1	29178
21811	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+D^-$	21810	1	29179
21812	$e^+e^- \to \pi^0\rho^0\pi^-D^-D^{*+}\bar{n}\Delta^{++}D_{s1}'^-$	21811	1	29180
21813	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{K}^0D^0\psi(3770)$	21812	1	29181
21814	$e^+e^- \to \pi^0\pi^-\rho^+\eta\bar{K}^0K^+D^-\bar{D}^{*-}D_s^+$	45	1	29182
21815	$e^+e^- \to \mu^+\nu_\mu\pi^-K^+\bar{D}^{*-}\chi_{c1}$	21814	1	29183
21816	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^0\pi^+\eta\omega D^-D^-$	21815	1	29184
21817	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}\bar{\Delta}^-n$	21816	1	29185
21818	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\eta'D^-D^{*+}$	21817	1	29186
21819	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{*--}$	21818	1	29187
21820	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+D^-$	21819	1	29188
21821	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-D_1^-$	21820	1	29189
21822	$e^+e^- \to \pi^0\pi^0K^-D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	21821	1	29190
21823	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\omega\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0}$	21822	1	29191
21824	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^{*0}$	21823	1	29192

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21825	$e^+e^- \to \pi^- D^+ D^- \bar{\Delta}^- \Sigma^{*-} a_1^+$	21824	1	29193
21826	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*-} D^0$	21825	1	29194
21827	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^+\eta\eta\omega\bar{D}^0 D_0^{*-}$	21826	1	29195
21828	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^* K^{*-} D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	21827	1	29196
21829	$e^+e^- \to \pi^0\omega\bar{K}^* D^+\bar{D}^0 D^{*0} n\bar{p}$	21828	1	29197
21830	$e^+e^- \to \rho^0\rho^0\pi^+\omega K^0 K^{*-} D^- D^{*+}$	21829	1	29198
21831	$e^+e^- \to \pi^0\pi^+ D^{*+} D^0 D_s^- a_1^-$	21830	1	29199
21832	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^+ D^- a_1^-$	21831	1	29200
21833	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-} n\bar{n}$	21832	1	29201
21834	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega K^-\Delta^0\bar{\Sigma}_c^{*-}$	21833	1	29202
21835	$e^+e^- \to \pi^+\pi^- K^- K^{*+} D^- D^{*+} D^0\bar{D}^{*0}$	21834	1	29203
21836	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\bar{K}^0 K^+ K^-\bar{D}^{*-}$	21835	1	29204
21837	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_0^{*+}$	21836	1	29205
21838	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\eta\omega\bar{K}^0 K^+ D^- D^{*0}$	21837	1	29206
21839	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D_s^+ D_0^{*-}$	21838	1	29207
21840	$e^+e^- \to \rho^0\pi^+\omega K^- D^{*0} D_s^{*+} D_1^-$	21839	1	29208
21841	$e^+e^- \to \rho^0\pi^+\eta\omega\bar{D}^{*-}\bar{n}\Sigma_c^0$	21840	1	29209
21842	$e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0 K^{*-} D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	21841	1	29210
21843	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\bar{D}^{*-} D^{*0}$	21842	1	29211
21844	$e^+e^- \to \rho^0\pi^+\eta\eta D^+\bar{D}^{*-} D_s^-$	2772	1	29212
21845	$e^+e^- \to \rho^0\bar{K}^* K^+ D^-\bar{K}_1^0\psi(3770)$	21844	1	29213
21846	$e^+e^- \to \bar{K}^0\bar{K}^0 K^{*+} D^+ D^-\bar{D}^{*-}$	21845	1	29214
21847	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- K^- K^{*+}\bar{D}^0 D_s^+ D_1'^-$	21846	1	29215
21848	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- K^+ D^+\bar{D}^{*-} D^{*0}$	21847	1	29216
21849	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\rho^+ K^0 K^{*-} D^- D^{*+}$	21848	1	29217
21850	$e^+e^- \to e^+\nu_e\pi^0\rho^+\omega\bar{K}^0 K^* K^-\bar{D}^{*-}$	21849	1	29218
21851	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta\omega\bar{D}^{*-}\bar{D}^0 D_s^+$	21850	1	29219
21852	$e^+e^- \to \pi^+\pi^+\rho^- D^{*+}\bar{D}^0 D_s^- n\bar{p}$	21851	1	29220
21853	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta\bar{D}^{*-} D^{*0}$	21852	1	29221
21854	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^0\bar{K}^0 K^+ K^- D^+ D^-$	21853	1	29222
21855	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+\rho^- K^* D^{*+}\bar{D}^{*-}$	21854	1	29223
21856	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\omega K^0\bar{K}^* K^+ K^- D^{*+}\bar{D}^{*-}$	21855	1	29224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21857	$e^+e^- \to \pi^-\pi^-\rho^+K^*K^+K^-K^-K^{*+}D^+D^{*+}\bar{D}^{*-}$	21856	1	29225
21858	$e^+e^- \to \mu^+\nu_\mu\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	21857	1	29226
21859	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^+D^+D^-$	21858	1	29227
21860	$e^+e^- \to \tau^+\nu_\tau\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}$	21859	1	29228
21861	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	21860	1	29229
21862	$e^+e^- \to \eta\eta\omega K^0K^-D^+\bar{D}^{*-}a_1^+$	21861	1	29230
21863	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*0}D_s^{*-}$	21862	1	29231
21864	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*J/\psi D_1^+$	2773	1	29232
21865	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\eta D^+D^-$	21864	1	29233
21866	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{D}^{*-}D_s^{*+}\bar{p}\Sigma^{*+}$	21865	1	29234
21867	$e^+e^- \to \pi^0\rho^+K^0\bar{K}^0\bar{K}^*K^-K^-D^-D_s^+p\bar{\Lambda}$	21866	1	29235
21868	$e^+e^- \to e^-\bar{\nu}_eX_u^+K^-\bar{\Lambda}\Xi_c'^+$	21867	1	29236
21869	$e^+e^- \to \bar{K}^*D^+D^-D^-\bar{\Sigma}^0\Sigma^+$	21868	1	29237
21870	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	21869	1	29238
21871	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0$	21870	1	29239
21872	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta K^0K^0K^-K^-D^+D^-$	21871	1	29240
21873	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	21872	1	29241
21874	$e^+e^- \to \pi^+\rho^-D^+D^-\Delta^0\bar{\Delta}^+a_1^+$	21873	1	29242
21875	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega D^{*+}J/\psi$	21874	1	29243
21876	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0D^+D^-D_s^-$	21875	1	29244
21877	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{D}^{*-}D_1^-$	21876	1	29245
21878	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	21877	1	29246
21879	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-}a_1^+$	21878	1	29247
21880	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}p\bar{p}$	21879	1	29248
21881	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\bar{K}^*D^+D^-\bar{D}^{*-}$	21880	1	29249
21882	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^{*+}D_2^{*-}$	21881	1	29250
21883	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^-D^{*+}D_s^{*+}\gamma$	21882	1	29251
21884	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^{*+}K^{*+}\bar{D}^{*-}D_s^{*-}$	21883	1	29252
21885	$e^+e^- \to \eta\omega K^0D^+D^-D^{*+}D_s^-$	21884	1	29253
21886	$e^+e^- \to \pi^+D^0\bar{D}^0D_s^-n\bar{\Sigma}^{*0}$	21885	1	29254
21887	$e^+e^- \to \pi^+K^0D^-D^-D_s^{*+}$	21886	1	29255
21888	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}\bar{D}^{*-}D_1'^+$	2774	1	29256

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21889	$e^+e^- \to \pi^0\rho^0\rho^-K^0K^{*-}D^+D^+$	21888	1	29257
21890	$e^+e^- \to \pi^-\omega\omega\bar{K}^0K^*D^{*+}\bar{D}^0$	21889	1	29258
21891	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\omega K^0K^+K^-D^{*+}D_s^{*-}$	21890	1	29259
21892	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\omega D^+$	21891	1	29260
21893	$e^+e^- \to \bar{D}^{*-}D_2^{*-}D_s^+D_s^{*+}$	21892	1	29261
21894	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^0\bar{K}^0K^+K^-D^+\bar{D}^{*-}$	21893	1	29262
21895	$e^+e^- \to \pi^0\eta K^0K^-K^{*+}D^+D^-D^{*0}$	21894	1	29263
21896	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^-D^0\bar{D}^{*0}$	21895	1	29264
21897	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0D^+\bar{D}^{*-}\bar{n}\Lambda$	21896	1	29265
21898	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta'D^{*+}\bar{D}^{*-}$	21897	1	29266
21899	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\bar{D}^{*-}$	21898	1	29267
21900	$e^+e^- \to e^+\nu_eD^-D^{*+}\Delta^-\bar{n}$	21899	1	29268
21901	$e^+e^- \to e^+\nu_e\pi^-D^{*+}\bar{D}^0D_s^-$	21900	1	29269
21902	$e^+e^- \to \pi^-\rho^+K^*K^{*-}D^+\bar{D}^{*-}D_{s1}'^+$	21901	1	29270
21903	$e^+e^- \to \pi^0K^0\bar{K}^0\bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^+$	21902	1	29271
21904	$e^+e^- \to \pi^0\rho^0\pi^+\omega\phi D^-\bar{\Delta}^0\Xi_c^{*0}$	21903	1	29272
21905	$e^+e^- \to \rho^0\pi^+\eta\eta\omega\bar{K}^0\phi D^-$	21904	1	29273
21906	$e^+e^- \to \rho^-\eta'D^{*0}p\bar{\Sigma}_c^0$	21905	1	29274
21907	$e^+e^- \to \pi^0\pi^-K^+D^-\bar{D}^0D_s^+$	21906	1	29275
21908	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega K^0\bar{K}^0D^-D^{*+}D^{*+}$	21907	1	29276
21909	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-D^+\bar{D}^0$	21908	1	29277
21910	$e^+e^- \to \bar{K}^*D^0\bar{D}^0\bar{D}^0\Sigma^{*0}\bar{\Xi}^0$	21909	1	29278
21911	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*-}D_s^{*+}n\bar{\Delta}^0$	21910	1	29279
21912	$e^+e^- \to \omega\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+$	2775	1	29280
21913	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\eta'D^{*+}\bar{D}^{*0}D_s^{*+}$	21912	1	29281
21914	$e^+e^- \to K^0\bar{K}^0K^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	21913	1	29282
21915	$e^+e^- \to \rho^0\rho^+\rho^+\rho^-\omega K^0\bar{K}^0\bar{K}^0D^-$	21914	1	29283
21916	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^+D_s^-$	21915	1	29284
21917	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	21916	1	29285
21918	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+$	21917	1	29286
21919	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}D^0$	21918	1	29287
21920	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}D_s^{*+}D_s^{*-}$	21919	1	29288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21921	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}\psi'$	21920	1	29289
21922	$e^+e^- \to \pi^+\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	21921	1	29290
21923	$e^+e^- \to \pi^+\pi^-\rho^-\omega\omega\bar{K}^0\bar{D}^{*0}D_s^{*+}p\bar{p}$	21922	1	29291
21924	$e^+e^- \to e^-\bar{\nu}_e\eta K^*D^{*+}D^{*0}\bar{D}^{*0}$	21923	1	29292
21925	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^+\eta'D^-D^{*+}$	21924	1	29293
21926	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^+D^-D^-$	21925	1	29294
21927	$e^+e^- \to K^-D^+D_s^-\bar{\Delta}^0\Lambda_c^+$	21926	1	29295
21928	$e^+e^- \to \rho^+\omega K^-K^{*+}K^{*-}D^-D^{*+}\bar{D}^0$	21927	1	29296
21929	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^+D^+\bar{D}^{*-}D^{*0}n\bar{\Delta}^+$	21928	1	29297
21930	$e^+e^- \to \pi^0\pi^+\pi^-K^{*+}\bar{D}^{*-}D^0D^{*0}$	21929	1	29298
21931	$e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}n\bar{p}$	21930	1	29299
21932	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+D^-D^0$	21931	1	29300
21933	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-D^{*+}D_0^{*+}$	21932	1	29301
21934	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega\omega D^+\bar{D}^{*-}$	21933	1	29302
21935	$e^+e^- \to \pi^0K^0\bar{\Delta}^0\Sigma^{*0}\Sigma_c^{*0}\bar{\Sigma}_c^{*0}$	21934	1	29303
21936	$e^+e^- \to \pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n$	21935	1	29304
21937	$e^+e^- \to K^+D^+\bar{D}^{*-}D^0D_s^{*-}$	21936	1	29305
21938	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-\rho^+D^{*+}D^0p\bar{p}$	21937	1	29306
21939	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	21938	1	29307
21940	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta'D^{*+}\bar{D}^{*-}D_s^{*-}$	21939	1	29308
21941	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^-D^{*+}$	21940	1	29309
21942	$e^+e^- \to \pi^0\rho^-\omega\bar{K}^0K^*D^{*+}\bar{D}^0$	21941	1	29310
21943	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega D^+\bar{D}^{*-}$	21942	1	29311
21944	$e^+e^- \to \omega K^0K^-D^+\bar{D}^0D_s^-D_s^{*+}$	21943	1	29312
21945	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^-D_2^{*+}$	21944	1	29313
21946	$e^+e^- \to \mu^+\nu_\mu\pi^0D^+D^-D^-$	21945	1	29314
21947	$e^+e^- \to \pi^0\pi^-D^-D^{*+}\bar{p}\Delta^{++}$	21946	1	29315
21948	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}$	21947	1	29316
21949	$e^+e^- \to \rho^+\rho^+K^0K^-D^-D^{*0}$	21948	1	29317
21950	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\eta'D^+D^-$	21949	1	29318
21951	$e^+e^- \to \pi^-\rho^+\eta\omega\bar{K}^0K^+K^{*+}K^{*-}D^-\bar{D}^{*0}$	21950	1	29319
21952	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^-D^{*+}\bar{n}pD_0^{*-}$	21951	1	29320

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21953	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\omega K^0 D^+ D^{*+}\bar{D}^0$	21952	1	29321
21954	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-\rho^- D^- D^0$	21953	1	29322
21955	$e^+e^- \to \rho^-\eta K^0 K^+ K^- D^+ J/\psi$	21954	1	29323
21956	$e^+e^- \to \pi^- K^+ K^- D^+ D^- D'^+_{s1}$	21955	1	29324
21957	$e^+e^- \to \pi^+\pi^- K^+ D^+ \bar{D}^{*-} D^0 D_s^{*-}$	21956	1	29325
21958	$e^+e^- \to \pi^+ K^- D^+ D^- D^{*+} D_s^{*-}$	21957	1	29326
21959	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta K^0 K^- D^- \bar{D}^0$	21958	1	29327
21960	$e^+e^- \to \rho^+ D^+ D^- a_1^-$	21959	1	29328
21961	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\omega K^0 K^0\bar{K}^0\bar{D}^{*-}$	21960	1	29329
21962	$e^+e^- \to \rho^+ K^0 D^- D^{*+}\bar{D}^{*-}$	21961	1	29330
21963	$e^+e^- \to e^+\nu_e K^+ D^- D^- D^{*0}$	21962	1	29331
21964	$e^+e^- \to \pi^0\pi^0\rho^0 K^*\bar{K}^* K^- D^+ D^+ D^-$	21963	1	29332
21965	$e^+e^- \to \pi^0\pi^- K^+\bar{D}^{*-}\bar{\Delta}^0\bar{\Sigma}^+\Sigma^0\Sigma_c^{*0}$	21964	1	29333
21966	$e^+e^- \to \rho^-\omega\omega D^+\bar{D}^{*-} D'^+_{s1}$	21965	1	29334
21967	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0 D^-\Delta^0\bar{\Sigma}_c^{*0}$	21966	1	29335
21968	$e^+e^- \to \pi^0\pi^0\pi^+\rho^- D^0\bar{D}^0\Sigma^{*0}\bar{\Xi}^{*0}$	21967	1	29336
21969	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^- D^{*0} p\bar{\Xi}'^0_c$	21968	1	29337
21970	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0 K^{*+}\phi\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	21969	1	29338
21971	$e^+e^- \to \pi^-\pi^- K^0 K^{*+} D^+ D^- D^{*+}\bar{D}^{*0}$	21970	1	29339
21972	$e^+e^- \to K^{*-} D^+\bar{D}^{*-} a_1^+$	2776	1	29340
21973	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\eta' D^-\bar{n}\Lambda_c^+$	21972	1	29341
21974	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\omega K^+\bar{D}^{*0} D'^-_1$	21973	1	29342
21975	$e^+e^- \to e^-\bar{\nu}_e\pi^+ D^- D^{*0} D'^+_{s1}$	21974	1	29343
21976	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\eta\omega\bar{K}^0 K^+ D^- D^{*+}$	21975	1	29344
21977	$e^+e^- \to \tau^-\bar{\nu}_\tau D^- D^{*+}\bar{\Sigma}^+\Sigma^0$	21976	1	29345
21978	$e^+e^- \to \pi^0\bar{K}^0 K^{*+} D^{*0}\Delta^+\bar{\Sigma}_c^{*--}$	21977	1	29346
21979	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+ D^{*+} D^0\bar{n}p$	21978	1	29347
21980	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-} D_s^{*-}$	21979	1	29348
21981	$e^+e^- \to \rho^+\bar{K}^* D^+\bar{D}^{*-} D_2^{*-}$	21980	1	29349
21982	$e^+e^- \to \eta\bar{D}^{*-} D_s^+\Delta^0\bar{\Sigma}_c^0$	21981	1	29350
21983	$e^+e^- \to \mu^+\nu_\mu\bar{K}^* K^- D^{*+}\bar{D}^{*-}$	21982	1	29351
21984	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0 K^+\bar{D}^{*-}\bar{D}^{*-}$	21983	1	29352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
21985	$e^+e^- \to \eta D_s^- n\bar{\Sigma}_c^0 D_1^+$	21984	1	29353
21986	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^- D^- D^{*+} D^0$	21985	1	29354
21987	$e^+e^- \to \bar{K}^0\bar{K}^0\phi D^{*+}\bar{D}^{*-} J/\psi$	21986	1	29355
21988	$e^+e^- \to \pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-} D_s^{*+}$	21987	1	29356
21989	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^0\bar{K}^0 D^+ D^-$	21988	1	29357
21990	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\phi D^+\bar{D}^{*-} D_s^+$	21989	1	29358
21991	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	21990	1	29359
21992	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+ D^+\bar{D}^{*-}$	21991	1	29360
21993	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\omega D^+ D^- D_s^{*+}$	21992	1	29361
21994	$e^+e^- \to \omega D^+ D^- D_s^{*-} a_1^+$	21993	1	29362
21995	$e^+e^- \to \pi^0\pi^-\pi^-\eta K^+ K^{*-} D^+ D^+ n\bar{n}$	21994	1	29363
21996	$e^+e^- \to e^-\bar{\nu}_e\rho^- D^+\Delta^+\bar{\Xi}_c^{*0}$	21995	1	29364
21997	$e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-} D^0 a_1^+$	21996	1	29365
21998	$e^+e^- \to \rho^0\pi^+\pi^-\rho^- K^+\bar{D}^0$	21997	1	29366
21999	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\eta D^- D^{*+}$	21998	1	29367
22000	$e^+e^- \to \pi^0\rho^0\rho^+\eta\bar{D}^{*-}\bar{K}_1^0\psi(3770)$	21999	1	29368
22001	$e^+e^- \to \pi^+\pi^-\rho^- K^* D^+ D^- D^{*+}\gamma$	22000	1	29369
22002	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^- K^0 D^{*+} D_s^+ D_s^{*-}$	22001	1	29370
22003	$e^+e^- \to \bar{D}^{*-} D_2^{*-} D_s^+\bar{\Sigma}^{*+}\Lambda$	22002	1	29371
22004	$e^+e^- \to \pi^-\bar{K}^* K^+ D^+ D^-\bar{\Lambda}\Sigma_c^0$	22003	1	29372
22005	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0 K^- D^{*+}\bar{D}^{*-} D_s^{*+}$	22004	1	29373
22006	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\bar{K}^0 K^{*+} D^+\bar{D}^{*-}$	22005	1	29374
22007	$e^+e^- \to \pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-} D_{s1}^+$	22006	1	29375
22008	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-} n\bar{\Sigma}_c^{*-}$	22007	1	29376
22009	$e^+e^- \to \rho^0\rho^0\pi^+\pi^- K^0\bar{K}^0 K^+ K^- D^+ D^-$	22008	1	29377
22010	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+\eta D^{*+}\bar{D}^{*-}$	22009	1	29378
22011	$e^+e^- \to \mu^+\nu_\mu\omega D^+ D^- D_s^-$	22010	1	29379
22012	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^* K^+ K^- K^{*+}\bar{D}^{*-} D_0^{*+}$	22011	1	29380
22013	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega\omega K^* D^{*+}$	22012	1	29381
22014	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^- D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	22013	1	29382
22015	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^- D^+\bar{D}^{*-} D_s^{*-}$	22014	1	29383
22016	$e^+e^- \to e^-\bar{\nu}_e\eta\eta K^0 D^{*+}$	22015	1	29384

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22017	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	22016	1	29385
22018	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	2777	1	29386
22019	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^-\Delta^-$	22018	1	29387
22020	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\bar{K}^*D^-n\bar{n}p\bar{p}$	22019	1	29388
22021	$e^+e^- \to \pi^0\pi^+\rho^+\eta'\eta'D^-D^0D_s^{*-}$	22020	1	29389
22022	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+K^{*-}D^+D^-\bar{D}^0$	22021	1	29390
22023	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^{*0}\psi'$	22022	1	29391
22024	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*0}D_s^+D_1^-$	22023	1	29392
22025	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}p\bar{p}a_1^-\gamma$	22024	1	29393
22026	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta\bar{K}^0K^{*+}\bar{D}^{*0}D_s^-$	22025	1	29394
22027	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega K^0\bar{D}^{*-}\bar{D}^{*0}$	22026	1	29395
22028	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_0^{*-}D_{s1}'^+\gamma$	22027	1	29396
22029	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-}\bar{p}\Sigma_c^{++}$	22028	1	29397
22030	$e^+e^- \to \pi^-\eta\bar{K}^0D^+\bar{D}^{*0}\bar{n}\Sigma_c^0$	22029	1	29398
22031	$e^+e^- \to \pi^0\pi^+D^-D^-D_s^{*+}p\bar{p}$	22030	1	29399
22032	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}\bar{\Lambda}\Lambda_c^+$	22031	1	29400
22033	$e^+e^- \to \pi^0\rho^+\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	22032	1	29401
22034	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*0}\bar{D}^{*0}$	22033	1	29402
22035	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^*D^{*+}\Delta^0\bar{\Sigma}_c^0$	22034	1	29403
22036	$e^+e^- \to \pi^0\rho^0\pi^-\eta K^+K^-D^+D^{*+}D_s^-$	22035	1	29404
22037	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-D^-D^{*+}$	22036	1	29405
22038	$e^+e^- \to \pi^0\pi^+D^-\bar{D}^{*-}a_1^+$	22037	1	29406
22039	$e^+e^- \to \pi^+K_2^{*0}D^0D_s^{*-}J/\psi$	22038	1	29407
22040	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+D^-$	2778	1	29408
22041	$e^+e^- \to \pi^0\omega D^{*+}D^{*+}n\bar{p}a_1^-$	22040	1	29409
22042	$e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\psi'$	22041	1	29410
22043	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\omega D^+D^-$	22042	1	29411
22044	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{n}\Delta^+D_1^-$	22043	1	29412
22045	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D^{*+}J/\psi$	22044	1	29413
22046	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-\eta\bar{K}^0\bar{K}^0\bar{D}^{*-}D_s^{*+}$	22045	1	29414
22047	$e^+e^- \to \pi^+\pi^+\rho^+K^+K^-K^{*-}D^-\bar{D}^{*-}$	22046	1	29415
22048	$e^+e^- \to \rho^0\eta\omega\bar{K}^*K^+D^+\bar{D}^{*-}D_s^-\gamma$	22047	1	29416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22049	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\bar{K}^*K^+D^-D_1'^+$	22048	1	29417
22050	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-D^-D^{*+}n\bar{n}$	22049	1	29418
22051	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-}$	22050	1	29419
22052	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}$	22051	1	29420
22053	$e^+e^- \to \pi^0\rho^0K^0\eta_c\bar{n}\Sigma_c^0$	22052	1	29421
22054	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega K^0\bar{K}^0D^-D^{*+}n\bar{n}$	22053	1	29422
22055	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^*K^{*-}D^+D^{*0}\Sigma^-\bar{\Sigma}^0$	22054	1	29423
22056	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\omega D^-D^{*0}$	22055	1	29424
22057	$e^+e^- \to \pi^-\rho^+D_2^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	22056	1	29425
22058	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega\eta'\bar{D}^{*-}\bar{D}^{*-}$	22057	1	29426
22059	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^0\bar{D}^0$	22058	1	29427
22060	$e^+e^- \to \omega K^*D^+D^-\bar{n}\Sigma_c^0$	22059	1	29428
22061	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^{*-}D^-J/\psi$	2779	1	29429
22062	$e^+e^- \to \pi^0\pi^0\rho^0\eta\bar{K}^0\bar{K}^*K^+D^+D^-\bar{D}^{*-}$	22061	1	29430
22063	$e^+e^- \to \bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	22062	1	29431
22064	$e^+e^- \to \rho^+K^0K^0\bar{K}^0K^-D^+\bar{D}^{*-}$	22063	1	29432
22065	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-D^-D_1'^+$	22064	1	29433
22066	$e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{D}^0\bar{D}^0$	22065	1	29434
22067	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^+\gamma$	22066	1	29435
22068	$e^+e^- \to \pi^0\rho^0\pi^+\omega D^-\Delta^0\bar{\Sigma}_c^{*0}$	22067	1	29436
22069	$e^+e^- \to \rho^-\eta\eta\omega D^{*+}\bar{D}^{*-}D_s^+$	22068	1	29437
22070	$e^+e^- \to \pi^+\pi^-K^-D^{*+}D^0\bar{D}^{*0}$	22069	1	29438
22071	$e^+e^- \to \pi^-\pi^-\pi^-\eta\bar{K}^*K^{*+}K^{*+}D^+D^{*0}\bar{D}^{*0}$	22070	1	29439
22072	$e^+e^- \to e^+\nu_e\pi^-K^+K^-K^-D^+\bar{D}^0$	22071	1	29440
22073	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega D^+D^+D_s^{*-}$	22072	1	29441
22074	$e^+e^- \to \pi^+\pi^+\pi^-K^0D^-\bar{p}\bar{\Sigma}^+\Xi^-\Lambda_c^+$	2780	1	29442
22075	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^*\bar{K}^*D^-D^{*+}\bar{D}^0\bar{n}p$	22074	1	29443
22076	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}n\bar{\Lambda}$	22075	1	29444
22077	$e^+e^- \to e^+\nu_eX_u^-D^{*+}a_1^-\gamma$	22076	1	29445
22078	$e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+$	22077	1	29446
22079	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\bar{K}^0K^+D^+D^{*+}$	22078	1	29447
22080	$e^+e^- \to D^-D^{*+}D_s^+\Sigma^0\bar{\Sigma}^-$	22079	1	29448

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22081	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}$	22080	1	29449
22082	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{D}^{*-}D_1^-$	22081	1	29450
22083	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D^{*+}D_1'^-$	22082	1	29451
22084	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e D_1'^+D_1'^-$	22083	1	29452
22085	$e^+e^- \to \pi^-\bar{K}^*\bar{D}^0D_s^{*+}\bar{\Lambda}\Sigma_c^0$	22084	1	29453
22086	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	22085	1	29454
22087	$e^+e^- \to \pi^0\pi^+K^{*+}D^-\bar{D}^{*-}D^0$	22086	1	29455
22088	$e^+e^- \to \tau^+\nu_\tau K_L D_2^{*-}\eta_c$	22087	1	29456
22089	$e^+e^- \to \pi^0\pi^0D^-D_2^{*+}D_s^-D_s^{*+}$	22088	1	29457
22090	$e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^0D_{s1}'^+$	22089	1	29458
22091	$e^+e^- \to \pi^0\pi^0\bar{D}^0D^{*0}\bar{\Delta}^0\Sigma^0$	22090	1	29459
22092	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\bar{K}^*K^+D^-D^{*0}$	22091	1	29460
22093	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}$	22092	1	29461
22094	$e^+e^- \to \bar{D}^{*-}\bar{D}^{*-}D_s^+\bar{n}p$	22093	1	29462
22095	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\bar{K}^0D^-D^{*+}$	22094	1	29463
22096	$e^+e^- \to \pi^-\pi^-\rho^+K^*D^+D^-D^{*+}$	22095	1	29464
22097	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^*\bar{K}^*K^-K^{*+}D^+\bar{D}^{*-}$	22096	1	29465
22098	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}n\bar{\Delta}^+$	22097	1	29466
22099	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}$	22098	1	29467
22100	$e^+e^- \to e^-\bar{\nu}_e K^0K^-D^{*+}\bar{D}^{*0}D_s^+$	22099	1	29468
22101	$e^+e^- \to \pi^-\pi^-\omega\bar{K}^0K^+K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0$	22100	1	29469
22102	$e^+e^- \to \pi^0\pi^+K^0K^-D^+D^-D^0$	22101	1	29470
22103	$e^+e^- \to \rho^0\pi^+K^*K^-D^{*+}\bar{D}^{*-}$	22102	1	29471
22104	$e^+e^- \to \pi^+\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	22103	1	29472
22105	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^0\bar{K}^0D^+D^{*+}$	22104	1	29473
22106	$e^+e^- \to \pi^-\rho^+K^*D^+\eta_c a_1^-$	22105	1	29474
22107	$e^+e^- \to \pi^+\pi^+\rho^-\eta D^-D_s^{*-}D_1^+$	22106	1	29475
22108	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\bar{D}^{*-}p\bar{\Delta}^+$	22107	1	29476
22109	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+}$	22108	1	29477
22110	$e^+e^- \to \bar{K}^*K^{*+}D^-D^0\eta_c$	22109	1	29478
22111	$e^+e^- \to K^0D^0D^{*0}\bar{D}^{*0}n\bar{\Delta}^0$	22110	1	29479
22112	$e^+e^- \to \pi^0K^*K^-D^{*+}\bar{D}^{*-}a_1^+$	22111	1	29480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22113	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^0$	22112	1	29481
22114	$e^+e^- \to e^+\nu_e\pi^+K^-D^-D^{*+}\bar{D}^{*-}$	22113	1	29482
22115	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^{*+}n\bar{n}p\bar{\Sigma}_c^{--}$	22114	1	29483
22116	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\eta D^+D^{*+}\bar{p}\Sigma^0$	22115	1	29484
22117	$e^+e^- \to \pi^0\pi^0\rho^+\omega\omega K^0K^{*-}D^-D^{*+}$	22116	1	29485
22118	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta D^-D^{*+}D_s^+$	22117	1	29486
22119	$e^+e^- \to \bar{K}^*K^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	22118	1	29487
22120	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D_s^+D_s^-$	22119	1	29488
22121	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^0\bar{K}^0D^+\bar{\Delta}^+\Sigma_c^{++}$	22120	1	29489
22122	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*0}\Sigma^+\bar{\Xi}_c^-$	22121	1	29490
22123	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^+D^-$	22122	1	29491
22124	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\bar{D}^{*-}D^0D_s^-$	22123	1	29492
22125	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+K^+K^-D^-\bar{D}^{*-}$	22124	1	29493
22126	$e^+e^- \to \pi^+\rho^-\rho^-D^+D^-D_s^+$	22125	1	29494
22127	$e^+e^- \to \bar{K}^*K^+D^-D^{*+}D_{s1}'^-$	22126	1	29495
22128	$e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0K^+D^+D^-D^{*0}$	22127	1	29496
22129	$e^+e^- \to \pi^-\rho^+\eta K^+K^-D^{*+}\bar{D}^{*-}$	22128	1	29497
22130	$e^+e^- \to e^+\nu_e\rho^+\eta K^{*+}K^{*-}D^-D_1'^-$	22129	1	29498
22131	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{p}\Sigma_c^0D_1^-$	22130	1	29499
22132	$e^+e^- \to \pi^+\rho^+\omega\omega K^*\bar{D}^{*-}D^0D_s^-$	22131	1	29500
22133	$e^+e^- \to \pi^0\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}D_s^-$	22132	1	29501
22134	$e^+e^- \to \rho^-\omega K^0\bar{K}^0\bar{K}^*K^+D^+D^-$	22133	1	29502
22135	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-K^-D^-D^{*+}\bar{D}^{*-}$	22134	1	29503
22136	$e^+e^- \to \pi^+K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Xi_c^0$	22135	1	29504
22137	$e^+e^- \to \pi^0K^0D^-D^{*+}\bar{n}\Sigma_c^0$	22136	1	29505
22138	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^+D^-D^{*0}$	22137	1	29506
22139	$e^+e^- \to \bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	22138	1	29507
22140	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^-K^0K^-D^+$	22139	1	29508
22141	$e^+e^- \to \pi^0\pi^+\omega D^-D_s^-D_1^+$	22140	1	29509
22142	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^0D_{s1}'^-$	22141	1	29510
22143	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*0}$	22142	1	29511
22144	$e^+e^- \to \pi^0\pi^0\rho^+D^-D^{*+}D_{s1}'^-$	22143	1	29512

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22145	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0\bar{K}^0K^{*+}D^-$	22144	1	29513
22146	$e^+e^- \to \pi^+\bar{K}^0D^-\bar{D}^{*-}D^0D_s^+$	22145	1	29514
22147	$e^+e^- \to \bar{K}^0\phi D^{*+}\eta_cD_{s1}'^-$	22146	1	29515
22148	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-\eta'D^{*+}\bar{D}^0\bar{D}^0$	22147	1	29516
22149	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\omega D^+D^{*+}$	22148	1	29517
22150	$e^+e^- \to \pi^0\pi^+\rho^+\omega\bar{D}^{*-}n\bar{p}$	22149	1	29518
22151	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^-\bar{D}^{*-}D_s^+$	22150	1	29519
22152	$e^+e^- \to e^+\nu_e\pi^-D_2^{*-}\bar{\Delta}^0\Sigma_c^+$	22151	1	29520
22153	$e^+e^- \to \pi^-\pi^-K^+D^0\bar{D}^0\bar{\Delta}^0\Sigma_c^+$	22152	1	29521
22154	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\eta K^+K^-D_1'^+$	22153	1	29522
22155	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^+\bar{D}^{*-}D_s^+$	22154	1	29523
22156	$e^+e^- \to \pi^0\pi^+D^-D^0D_s^{*+}D_s^{*-}$	22155	1	29524
22157	$e^+e^- \to K^*\bar{K}^*K^+K^{*-}D^+D^-$	22156	1	29525
22158	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}$	22157	1	29526
22159	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^-$	22158	1	29527
22160	$e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}n\bar{p}$	22159	1	29528
22161	$e^+e^- \to \pi^0\rho^-\bar{K}^*\bar{D}^{*-}D_s^+\Delta^0\bar{\Sigma}^{*+}$	22160	1	29529
22162	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0K^-D^+D^-n\bar{n}p\bar{\Lambda}$	22161	1	29530
22163	$e^+e^- \to \mu^+\nu_\mu D^-D^{*0}p\bar{\Delta}^+$	22162	1	29531
22164	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta\eta\omega D^-D^{*+}$	22163	1	29532
22165	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	22164	1	29533
22166	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^0K^+K^-D^{*+}$	22165	1	29534
22167	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0K^+K^-D^-D^-$	22166	1	29535
22168	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^+\eta'\phi D^0\bar{D}^{*0}$	22167	1	29536
22169	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0K^*D^+\bar{D}^{*-}$	22168	1	29537
22170	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^+D^-n\bar{p}$	22169	1	29538
22171	$e^+e^- \to e^-\bar{\nu}_eX_u^+K^+\bar{D}^{*-}D^0$	22170	1	29539
22172	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^0D^{*0}$	22171	1	29540
22173	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\bar{K}^0D^+\eta_c$	22172	1	29541
22174	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^*K^+K^-K^-D^+D^-$	22173	1	29542
22175	$e^+e^- \to \pi^-\rho^+K^0\bar{K}^0D^+\bar{D}^{*-}p\bar{\Delta}^+$	22174	1	29543
22176	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^-\bar{D}^{*0}\bar{D}^{*0}D_s^+$	22175	1	29544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22177	$e^+e^- \to \pi^-\pi^-\bar{K}^*K^{*+}D^+\bar{\Delta}^+\Sigma_c^+$	22176	1	29545
22178	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-D^+D^{*+}$	22177	1	29546
22179	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-}D^{*0}$	22178	1	29547
22180	$e^+e^- \to \pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}a_1^+$	22179	1	29548
22181	$e^+e^- \to \pi^-\rho^-\omega D^{*+}\bar{D}^0D_s^+\gamma$	22180	1	29549
22182	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\chi_{c1}$	22181	1	29550
22183	$e^+e^- \to \pi^-\bar{K}^*\bar{D}^{*0}D_s^{*+}\bar{\Delta}^+\Sigma_c^+$	22182	1	29551
22184	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}p\bar{p}$	22183	1	29552
22185	$e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}\Delta^+\bar{\Sigma}^{*-}D_{s1}'^-$	22184	1	29553
22186	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^0D^0D_s^{*-}$	22185	1	29554
22187	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-D^+D_0^{*+}$	22186	1	29555
22188	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0}$	22187	1	29556
22189	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^{*+}\bar{D}^{*-}\bar{D}^0$	22188	1	29557
22190	$e^+e^- \to K^-D^{*+}\bar{D}^0\bar{D}^{*0}n\bar{n}$	22189	1	29558
22191	$e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^*K^-K^{*+}\bar{D}^{*-}$	2781	1	29559
22192	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0D^-D^{*0}p\bar{p}$	22191	1	29560
22193	$e^+e^- \to \pi^-K^+D^{*+}\bar{D}^{*0}a_1^-$	22192	1	29561
22194	$e^+e^- \to e^-\bar{\nu}_eK^-D^{*+}\bar{\Delta}^+\Sigma_c^{++}$	22193	1	29562
22195	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^0\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^{*0}$	22194	1	29563
22196	$e^+e^- \to \rho^+\eta\eta\omega\omega K^*K^-D^+\bar{D}^{*-}$	22195	1	29564
22197	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^+D^-$	22196	1	29565
22198	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\eta K^0\bar{K}^*K^+D^+D_s^{*-}$	22197	1	29566
22199	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\bar{D}^{*-}D_0^{*+}$	22198	1	29567
22200	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\omega\omega D^0\bar{D}^0$	22199	1	29568
22201	$e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_s^{*-}\gamma$	22200	1	29569
22202	$e^+e^- \to \pi^0\pi^-\rho^+D^-D^{*+}D^0$	2782	1	29570
22203	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*K^-D^+D^-\bar{D}^{*-}$	22202	1	29571
22204	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D^+D^-D^{*+}$	22203	1	29572
22205	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-D^{*+}D_2^{*-}$	22204	1	29573
22206	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^*K^{*-}\bar{D}^{*-}D^{*0}$	22205	1	29574
22207	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	22206	1	29575
22208	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-D^{*+}D^{*+}$	22207	1	29576

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22209	$e^+e^- \to \pi^+\eta\eta\omega D^- D^0 \bar{p}\Delta^+$	22208	1	29577
22210	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}a_1^-$	22209	1	29578
22211	$e^+e^- \to \pi^+ D^- D^0 D_s^- \bar{\Delta}^- \Delta^0$	22210	1	29579
22212	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+\eta' D^+ D^-$	22211	1	29580
22213	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-\eta\eta D^+ D_2^{*+}$	22212	1	29581
22214	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^- D^+ D^{*+}$	22213	1	29582
22215	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^0 K^0 K^- D^{*+}$	22214	1	29583
22216	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^* D^+ D^- D^-$	22215	1	29584
22217	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^* K^+ D^- \bar{\Delta}^0\Sigma_c^+$	22216	1	29585
22218	$e^+e^- \to \rho^0\pi^+ K^0 K^0\bar{K}^* K^- D^+ D^- \bar{D}^{*0}$	22217	1	29586
22219	$e^+e^- \to \bar{K}^0 K^+ D^+\bar{D}^{*-}D_s^{*-}\gamma$	22218	1	29587
22220	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}a_1^+$	22219	1	29588
22221	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^- D^- D^{*+}$	22220	1	29589
22222	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta\omega K^0 D^-\bar{\Lambda}\Sigma^0$	22221	1	29590
22223	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\rho^- K^0 K^{*-} D^+ n\bar{p}$	22222	1	29591
22224	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^-\omega\bar{K}^0 K^+ D^+ D^+$	22223	1	29592
22225	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+ D^+ D^-$	22224	1	29593
22226	$e^+e^- \to K^* D^{*+}\bar{D}^{*-}D_2^{*-}D_s^+$	22225	1	29594
22227	$e^+e^- \to \pi^+\pi^+\rho^- D^-\bar{D}^{*-}n\bar{n}\bar{n}p$	22226	1	29595
22228	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ D^- D^- D_{s0}^{*+}$	22227	1	29596
22229	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta K^{*+} D^- D^{*+}$	22228	1	29597
22230	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\bar{D}^{*-}D^{*0}$	22229	1	29598
22231	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta' D^{*+} D^{*0}$	22230	1	29599
22232	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^- D^+ D^{*+}$	22231	1	29600
22233	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}D_s^{*+}$	22232	1	29601
22234	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^* K^+ K^- D^+ D^-$	22233	1	29602
22235	$e^+e^- \to \pi^0\rho^+\rho^-\eta\omega D^- D^{*+}n\bar{n}$	22234	1	29603
22236	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^- D^+ D^{*+}$	22235	1	29604
22237	$e^+e^- \to \pi^0\pi^-\omega D^+ D^{*+}a_1^-$	22236	1	29605
22238	$e^+e^- \to e^-\bar{\nu}_e X_u^+ D^0 p\bar{\Delta}^+$	618	1	29606
22239	$e^+e^- \to e^+\nu_e\pi^+\pi^+ K^{*-} D^- D^0 D_1'^-$	22238	1	29607
22240	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D^{*0}$	22239	1	29608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22241	$e^+e^- \to \pi^0\rho^+\rho^+\omega\omega D^-\bar{D}^{*-}$	22240	1	29609
22242	$e^+e^- \to \pi^-\pi^-D^+D^{*+}p\bar{p}$	22241	1	29610
22243	$e^+e^- \to \pi^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0}D_{s1}'^+$	22242	1	29611
22244	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^{*+}D^{*+}\bar{D}^{*-}$	22243	1	29612
22245	$e^+e^- \to \pi^0\pi^-\rho^-D^-\bar{\Delta}^-\Delta^+D_1'^+$	22244	1	29613
22246	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*0}$	22245	1	29614
22247	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-D^{*0}p\bar{\Lambda}_c^-$	22246	1	29615
22248	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}$	22247	1	29616
22249	$e^+e^- \to \rho^-\eta\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	22248	1	29617
22250	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}D^0$	22249	1	29618
22251	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega D^+D^-$	22250	1	29619
22252	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^0D^+D^-D^{*+}$	22251	1	29620
22253	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^{*+}D^{*+}\bar{D}^{*0}$	22252	1	29621
22254	$e^+e^- \to \eta\omega\omega K^0K^0K^-D^{*+}D^{*+}\bar{D}^{*-}$	22253	1	29622
22255	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+D^-D^{*+}\gamma$	22254	1	29623
22256	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta'D^+n\bar{\Sigma}_c^0$	22255	1	29624
22257	$e^+e^- \to e^+\nu_e\rho^-K^+K^-D^+\bar{D}^{*-}$	22256	1	29625
22258	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}D_s^-\gamma$	22257	1	29626
22259	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	22258	1	29627
22260	$e^+e^- \to e^+\nu_eK^{*-}D^-\bar{\Sigma}^{*0}\Xi_c^{*+}$	22259	1	29628
22261	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^*K^+D^+\bar{D}^{*-}D^{*0}$	22260	1	29629
22262	$e^+e^- \to \pi^0\bar{K}^0K^{*+}\bar{D}^{*-}D^0\bar{D}^0D^{*0}$	22261	1	29630
22263	$e^+e^- \to e^-\bar{\nu}_e\pi^0\omega K^0K^0\bar{K}^*D^+$	22262	1	29631
22264	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-\phi\bar{D}^{*-}\bar{\Lambda}\Sigma^+$	22263	1	29632
22265	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta D^-D^{*+}$	22264	1	29633
22266	$e^+e^- \to \pi^0\omega D^+D^-n\bar{p}a_1^+$	22265	1	29634
22267	$e^+e^- \to \tau^+\nu_\tau\omega D^-\bar{\Delta}^0\Xi_c^0$	22266	1	29635
22268	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\chi_{c1}$	22267	1	29636
22269	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\omega D^+D^-D_s^{*-}$	22268	1	29637
22270	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^-D_s^+$	22269	1	29638
22271	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*0}D_s^+$	22270	1	29639
22272	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	22271	1	29640

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22273	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0K^*D^+\bar{D}^{*-}$	22272	1	29641
22274	$e^+e^- \to \pi^+\rho^+\rho^-K^*K^-D^+\bar{D}^{*-}\gamma$	22273	1	29642
22275	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^*K^+D^0\bar{D}^0D_s^{*+}$	22274	1	29643
22276	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\pi^-K^+D^+$	22275	1	29644
22277	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}D_{s1}'^-\gamma$	22276	1	29645
22278	$e^+e^- \to K^+\bar{D}^{*-}D^{*0}D^{*0}n\bar{\Delta}^0$	22277	1	29646
22279	$e^+e^- \to e^-\bar{\nu}_eK^0D^0\bar{D}^0D_0^{*+}$	22278	1	29647
22280	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-K^0\bar{K}^0K^+D^{*+}$	22279	1	29648
22281	$e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{K}^0D^+D^-$	22280	1	29649
22282	$e^+e^- \to \pi^0\rho^0\pi^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	22281	1	29650
22283	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	22282	1	29651
22284	$e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0\bar{n}p$	22283	1	29652
22285	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^*K^-D^{*+}\bar{D}^{*-}$	22284	1	29653
22286	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}a_1^-$	22285	1	29654
22287	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\rho^-D^-D^{*+}\bar{n}p$	22286	1	29655
22288	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	22287	1	29656
22289	$e^+e^- \to \rho^0K^{*-}D^{*+}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0$	22288	1	29657
22290	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	22289	1	29658
22291	$e^+e^- \to \rho^+K^+K^{*-}D^-D_2^{*+}D_s^-$	22290	1	29659
22292	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^{*0}$	22291	1	29660
22293	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-\omega D^-D_2^{*-}$	22292	1	29661
22294	$e^+e^- \to \pi^+\eta\omega K^*K^-D^-\bar{D}^0D_s^+$	22293	1	29662
22295	$e^+e^- \to \pi^-D^+\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^0$	22294	1	29663
22296	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\eta\omega\omega\bar{D}^{*-}\bar{D}^{*-}$	22295	1	29664
22297	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^*K^+D^-D^{*+}$	22296	1	29665
22298	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{D}^{*-}D^0n\bar{n}$	22297	1	29666
22299	$e^+e^- \to \pi^0\pi^+D^+D^0D_s^-\Delta^-\bar{\Delta}^0$	22298	1	29667
22300	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^+\chi_{c1}$	22299	1	29668
22301	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0D^-D^{*+}D^{*0}$	22300	1	29669
22302	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^-\bar{D}^{*-}D_s^+D_s^{*+}$	22301	1	29670
22303	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	22302	1	29671
22304	$e^+e^- \to \pi^0K^0K^-D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	22303	1	29672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22305	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\rho^+\eta D^+D^-$	22304	1	29673
22306	$e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*0}$	22305	1	29674
22307	$e^+e^- \to \pi^+\pi^+\omega\bar{K}^0K^-K^{*+}D^-D^-\gamma$	22306	1	29675
22308	$e^+e^- \to D^+D^-\Delta^-\bar{n}D_{s1}'^+$	22307	1	29676
22309	$e^+e^- \to \pi^0\pi^+\rho^-D^+D^-\bar{\Sigma}^{*+}\Sigma^{*-}$	22308	1	29677
22310	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^{*-}D_s^{*+}D_1'^-$	22309	1	29678
22311	$e^+e^- \to \rho^0\rho^-\rho^-K^+D^{*+}J/\psi$	22310	1	29679
22312	$e^+e^- \to \rho^0\eta K^*K^-K^{*+}D^+p\bar{\Sigma}_c^{*--}$	22311	1	29680
22313	$e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}a_1^-$	22312	1	29681
22314	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\eta\bar{K}^*\phi D^{*+}D_s^+$	22313	1	29682
22315	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-K^*D^+D^0\bar{D}^0$	22314	1	29683
22316	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}$	22315	1	29684
22317	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\rho^-\omega D^{*+}D^{*+}$	22316	1	29685
22318	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega K^*D^+\chi_{c1}$	22317	1	29686
22319	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^*D^{*+}\bar{D}^0D^{*0}$	22318	1	29687
22320	$e^+e^- \to \pi^-\eta\bar{K}^*K^{*+}D^+D^-$	22319	1	29688
22321	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega K^+K^-D^+D^-$	22320	1	29689
22322	$e^+e^- \to \pi^+\pi^+K^0K^-D^-\bar{D}^{*-}D_s^{*+}$	22321	1	29690
22323	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$	22322	1	29691
22324	$e^+e^- \to \pi^0\eta\omega K^0K^-D^{*+}D^{*+}a_1^-$	22323	1	29692
22325	$e^+e^- \to e^+\nu_eD^{*+}\bar{\Delta}^0\Sigma^-D_0^{*-}$	22324	1	29693
22326	$e^+e^- \to e^+\nu_eD^+D^-\bar{p}\Lambda$	22325	1	29694
22327	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*D^{*+}\bar{D}^{*0}$	22326	1	29695
22328	$e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-}$	22327	1	29696
22329	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^0D^-\bar{D}^{*-}D^0$	22328	1	29697
22330	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^{*+}D^+D^-$	22329	1	29698
22331	$e^+e^- \to \pi^+\eta D^+D^-D_{s1}'^-$	22330	1	29699
22332	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^-D^{*+}D_s^{*+}$	22331	1	29700
22333	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-D^+D^-D_s^{*-}$	2784	1	29701
22334	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{p}\Sigma_c^{*0}$	22333	1	29702
22335	$e^+e^- \to \pi^0\pi^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	22334	1	29703
22336	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^-D^{*+}$	22335	1	29704

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22337	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	22336	1	29705
22338	$e^+e^- \to e^+\nu_e\pi^0\pi^0D^+D_s^{*-}D_1^-$	22337	1	29706
22339	$e^+e^- \to \rho^-D^+D_s^{*+}D_1^-$	619	1	29707
22340	$e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^+D_{s1}^-$	22339	1	29708
22341	$e^+e^- \to \pi^0\bar{K}^*K^+D_s^-\bar{\Delta}^0\Sigma_c^0$	22340	1	29709
22342	$e^+e^- \to \mu^+\nu_\mu K^0K^-D^+D_1'^-$	22341	1	29710
22343	$e^+e^- \to \pi^+\rho^-K^*D^+\bar{D}^{*-}D^{*0}$	22342	1	29711
22344	$e^+e^- \to \pi^0\pi^-\rho^+K_S\bar{K}^0J/\psi J/\psi$	22343	1	29712
22345	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta K^+K^{*-}D^-D^0D^{*0}$	22344	1	29713
22346	$e^+e^- \to e^+\nu_e\pi^-\omega\eta'D^{*0}\bar{D}^{*0}$	22345	1	29714
22347	$e^+e^- \to e^+\nu_eK^0K^{*-}\eta'D^+\bar{D}^{*-}$	22346	1	29715
22348	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+K^{*-}D^+D_2^{*+}$	22347	1	29716
22349	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D_s^{*+}D_1^-$	22348	1	29717
22350	$e^+e^- \to e^-\bar{\nu}_eD_s^{*+}D_1^-D_1'^+$	22349	1	29718
22351	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^-\bar{\Delta}^{++}\Sigma_c^{*++}$	22350	1	29719
22352	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	22351	1	29720
22353	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^{*+}\bar{D}^{*-}n\bar{\Lambda}$	22352	1	29721
22354	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^{*+}D_1^-$	22353	1	29722
22355	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega D^-\bar{\Delta}^+\Sigma_c^+$	22354	1	29723
22356	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	22355	1	29724
22357	$e^+e^- \to \pi^0\pi^-\Delta^+\bar{\Sigma}_c^-D_1^+$	22356	1	29725
22358	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+K^+K^-D^{*+}$	22357	1	29726
22359	$e^+e^- \to \mu^+\nu_\mu\pi^-D^0\bar{D}^0\Lambda\bar{\Sigma}^0$	22358	1	29727
22360	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0K^-D^+\bar{D}^{*-}$	22359	1	29728
22361	$e^+e^- \to \pi^-K^0D^{*+}n\bar{\Sigma}^+\Sigma^-\bar{\Sigma}_c^0$	22360	1	29729
22362	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-D^+D^+D_s^{*-}$	22361	1	29730
22363	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	22362	1	29731
22364	$e^+e^- \to \pi^+\rho^+D^-\bar{p}\Sigma_c^{*0}$	22363	1	29732
22365	$e^+e^- \to \omega K^+K^-D^+D^-D_s^+D_s^{*-}$	22364	1	29733
22366	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+D^+D^-D^{*+}$	22365	1	29734
22367	$e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0K^+D^-D^{*+}D_s^{*+}$	22366	1	29735
22368	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}$	22367	1	29736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22369	$e^+e^- \to \rho^0\rho^-\eta\eta\omega K^*D^+D^+D^-$	22368	1	29737
22370	$e^+e^- \to \pi^+\pi^+\omega K^0\bar{K}^*K^{*-}D^+\bar{D}^{*-}\bar{D}^{*-}$	22369	1	29738
22371	$e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0K^+\phi D^-D^{*+}$	22370	1	29739
22372	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	22371	1	29740
22373	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+K^0K^+K^-D^-$	22372	1	29741
22374	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^{*-}D^-D_s^+$	22373	1	29742
22375	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-D^-J/\psi$	22374	1	29743
22376	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\rho^+\bar{D}^{*0}D_0^{*+}$	22375	1	29744
22377	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}$	22376	1	29745
22378	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^0D_s^+$	22377	1	29746
22379	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^0D^{*0}D_s^{*-}$	22378	1	29747
22380	$e^+e^- \to \rho^+\omega\bar{D}^{*-}\bar{n}\Sigma_c^0\gamma$	22379	1	29748
22381	$e^+e^- \to \rho^0\pi^-\bar{K}^0K^+D^-D^{*+}$	160	1	29749
22382	$e^+e^- \to \rho^+\rho^-D^+D_1'^-$	22381	1	29750
22383	$e^+e^- \to \omega K^0K^0\bar{K}^0D_2^{*+}D_s^-$	22382	1	29751
22384	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^*K^+D^-D_1'^+$	22383	1	29752
22385	$e^+e^- \to \pi^+\pi^-D^-D_s^{*+}J/\psi\bar{K}_1^0$	621	1	29753
22386	$e^+e^- \to \pi^-\eta'D^+\bar{D}^0n\bar{n}$	22385	1	29754
22387	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^*D^+D^-$	22386	1	29755
22388	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	22387	1	29756
22389	$e^+e^- \to \rho^0\pi^+\pi^+K^{*-}\bar{D}^{*-}J/\psi$	22388	1	29757
22390	$e^+e^- \to K^0D^+D^+\bar{D}^{*-}a_1^-$	22389	1	29758
22391	$e^+e^- \to \pi^+\rho^-\rho^-\omega D^+D_2^{*-}D_s^{*+}$	22390	1	29759
22392	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+}$	22391	1	29760
22393	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^{*+}p\bar{\Xi}_c'^-$	22392	1	29761
22394	$e^+e^- \to \bar{K}^0D_2^{*+}D_s^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	22393	1	29762
22395	$e^+e^- \to \tau^+\nu_\tau D^-D^{*+}D_{s1}^-$	22394	1	29763
22396	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^-\eta\omega\bar{K}^0K^+D^{*+}\bar{D}^0\bar{n}p$	22395	1	29764
22397	$e^+e^- \to \pi^0\rho^0\bar{K}^*K^+\bar{D}^{*-}D^0p\bar{\Delta}^+$	22396	1	29765
22398	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\omega\omega D^+D^-$	22397	1	29766
22399	$e^+e^- \to \rho^+\rho^-\bar{K}^0K^+D^-D_s^-D_1'^+$	22398	1	29767
22400	$e^+e^- \to D^{*+}D_s^{*-}p\bar{\Lambda}_c^-$	22399	1	29768

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22401	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^+D^+D_s^{*-}$	22400	1	29769
22402	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^-D^{*+}a_1^-$	22401	1	29770
22403	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^+D^-D^{*+}D_2^{*+}$	22402	1	29771
22404	$e^+e^- \to \pi^0\rho^+\bar{D}^{*-}D^0D_s^{*+}D_s^{*-}$	22403	1	29772
22405	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-K^+D^-\bar{D}^{*-}a_1^+$	22404	1	29773
22406	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*K^+K^-D^+\bar{D}^{*0}\bar{D}^{*0}$	22405	1	29774
22407	$e^+e^- \to \pi^0\rho^0\rho^-\eta K^*D^+\eta_c$	22406	1	29775
22408	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	22407	1	29776
22409	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}n\bar{n}$	22408	1	29777
22410	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0\bar{K}^0D^+D^-$	22409	1	29778
22411	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^*K^-D^-D^{*+}D^{*+}$	22410	1	29779
22412	$e^+e^- \to \pi^0\pi^-\eta'D^+D^-\bar{\Delta}^-n$	22411	1	29780
22413	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^+D^-$	22412	1	29781
22414	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0D_s^-\bar{\Delta}^+\Delta^{++}$	22413	1	29782
22415	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^+D^-$	22414	1	29783
22416	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0K^-D^+\bar{D}^{*-}D_s^+$	22415	1	29784
22417	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega D^{*+}D^{*+}\bar{D}^{*-}$	22416	1	29785
22418	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^+K^-D^-D^{*+}D^{*0}\bar{D}^{*0}$	22417	1	29786
22419	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^+D_2^{*-}D_s^+$	22418	1	29787
22420	$e^+e^- \to e^+\nu_e\eta D^{*+}\bar{D}^{*-}a_1^-$	2788	1	29788
22421	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0D^{*0}D^{*0}\bar{D}^{*0}$	22420	1	29789
22422	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\omega K^0D^+\bar{D}^{*0}$	22421	1	29790
22423	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+K^{*-}\phi D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	22422	1	29791
22424	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+K^{*+}\bar{D}^0D^{*0}$	22423	1	29792
22425	$e^+e^- \to \pi^0\pi^0\pi^0K^*\eta'p\bar{\Sigma}_c^-$	22424	1	29793
22426	$e^+e^- \to K^-D^-D_s^{*+}\bar{\Delta}^+\Sigma_c^{*++}$	2789	1	29794
22427	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta D^-D^{*+}$	22426	1	29795
22428	$e^+e^- \to K^0D^{*+}D^0\bar{D}^{*0}D_s^-$	22427	1	29796
22429	$e^+e^- \to e^+\nu_e\rho^0\eta\bar{D}^0D^{*0}D_1'^-$	22428	1	29797
22430	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^+\bar{D}^{*-}p\bar{\Delta}^{++}$	22429	1	29798
22431	$e^+e^- \to \pi^-\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}\bar{n}p$	22430	1	29799
22432	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+\gamma$	22431	1	29800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22433	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	22432	1	29801
22434	$e^+e^- \to \rho^+\eta K^- D^+\bar{D}^0\Sigma^0\bar{\Xi}_c'^-$	22433	1	29802
22435	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\pi^- D^{*+}D^{*+}$	22434	1	29803
22436	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^+\bar{D}^{*-}\eta_c$	22435	1	29804
22437	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\omega K^0 D^+D^-$	22436	1	29805
22438	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\bar{K}^0 K^{*+}D^{*+}\bar{D}^{*-}$	22437	1	29806
22439	$e^+e^- \to \pi^0\eta\omega D^+ n\bar{p}\Delta^+\bar{\Sigma}_c^{*-}$	22438	1	29807
22440	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^* D^- D^{*+}p\bar{p}$	22439	1	29808
22441	$e^+e^- \to e^+\nu_e\pi^0\pi^- D^+\bar{D}^{*0}\Delta^-\bar{n}$	22440	1	29809
22442	$e^+e^- \to \rho^0\pi^+\pi^- D^-\bar{D}^0 D_s^+$	22441	1	29810
22443	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta K^- D^- D^{*0}\bar{D}^{*0}$	22442	1	29811
22444	$e^+e^- \to \bar{K}^* D^- D^{*0}\bar{D}^{*0} D_s^{*+}$	22443	1	29812
22445	$e^+e^- \to \mu^+\nu_\mu D^- D^-\bar{\Delta}^- n$	22444	1	29813
22446	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^+ D^-\bar{\Delta}^+\Xi_c^0$	22445	1	29814
22447	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^- K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	22446	1	29815
22448	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^0\eta' D^+ D^0\bar{D}^{*0}$	22447	1	29816
22449	$e^+e^- \to \pi^0\rho^- K^+ K^- D^{*+}\bar{D}^{*-} D_s^{*+}$	22448	1	29817
22450	$e^+e^- \to e^+\nu_e D^-\bar{K}_1^0\psi'$	22449	1	29818
22451	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	22450	1	29819
22452	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^- D^{*+}D^0$	2790	1	29820
22453	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\omega K^0 K^{*-}D^{*+}D^{*+}$	22452	1	29821
22454	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0 D^{*+}\bar{D}^0\bar{D}^{*0}$	22453	1	29822
22455	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta K^0 K^- D^+\bar{D}^0$	22454	1	29823
22456	$e^+e^- \to \pi^-\rho^+\eta\omega\bar{D}^{*0}\bar{X}_{sd}\gamma$	22455	1	29824
22457	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^+ D^{*+}\chi_{c1}$	22456	1	29825
22458	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^+ D^- D^{*0}n\bar{\Delta}^0$	22457	1	29826
22459	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega\omega D^+ D^{*+}$	22458	1	29827
22460	$e^+e^- \to e^+\nu_e\pi^0\pi^+\bar{K}^0 D^-\bar{D}^{*-} D^{*0}$	22459	1	29828
22461	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^* K^- D^{*+}\bar{D}^{*-}$	22460	1	29829
22462	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\bar{K}^0 K^+ D^+ n\bar{\Xi}_c'^-$	22461	1	29830
22463	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega K^+ K^- D^+\bar{D}^{*-}$	22462	1	29831
22464	$e^+e^- \to \mu^+\nu_\mu\eta K^0\bar{K}^0\bar{D}^{*-}\bar{D}^0$	2791	1	29832

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22465	$e^+e^- \to \eta K^0 \bar{K}^* \bar{K}^* K^+ D^+ D^- \bar{D}^{*-}$	22464	1	29833
22466	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^* \bar{K}^* K^+ \bar{D}^{*-} \bar{D}^0 D^{*0}$	22465	1	29834
22467	$e^+e^- \to \rho^0 D^- \bar{p} \Xi_c'^+ a_1^+$	22466	1	29835
22468	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\pi^- \bar{K}^0 D^- D^{*+} \bar{D}^0$	22467	1	29836
22469	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+ D^- D^{*+} \bar{\Lambda}\Sigma^+$	22468	1	29837
22470	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\eta D^- D_1^-$	22469	1	29838
22471	$e^+e^- \to \bar{D}^{*-} D_s^{*+} D_s^{*-} D_1^+$	22470	1	29839
22472	$e^+e^- \to e^-\bar{\nu}_e K^0 K^+ D^{*+} D^{*0} D_s^{*-}$	22471	1	29840
22473	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^{*+} \bar{D}^{*-}$	22472	1	29841
22474	$e^+e^- \to \pi^0\pi^0\omega K^{*-} D^{*+} D_2^{*-} D_s^+$	22473	1	29842
22475	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\eta\eta D^{*+} \bar{D}^{*0}$	22474	1	29843
22476	$e^+e^- \to K^* K^- D^+ \bar{D}^{*-} D_{s1}'^+$	22475	1	29844
22477	$e^+e^- \to \pi^- D^{*+} \Delta^- \bar{\Delta}^0 \Delta^+ \bar{\Sigma}_c^{*0}$	22476	1	29845
22478	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\eta' D^- D^{*+}$	22477	1	29846
22479	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 \bar{K}^0 D^- D^{*+} \bar{n} p$	22478	1	29847
22480	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\pi^-\pi^-\rho^+\eta\eta\omega D^+ D^+$	22479	1	29848
22481	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^+ \bar{D}^{*-}$	22480	1	29849
22482	$e^+e^- \to e^-\bar{\nu}_e\eta\omega \bar{K}^0 K^+ \bar{D}^{*-} D_1^+$	22481	1	29850
22483	$e^+e^- \to \pi^0\rho^0\rho^- D^- D^{*+} D_s^+$	22482	1	29851
22484	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\eta \bar{K}^0 K^+ K^- D^+ D^{*+}$	22483	1	29852
22485	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- D^+ \bar{D}^0$	22484	1	29853
22486	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D_2^{*+} p \bar{\Sigma}_c^-$	22485	1	29854
22487	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\omega K^0 \bar{K}^0 D^+ \bar{D}^0$	22486	1	29855
22488	$e^+e^- \to \pi^0\pi^- D^{*+} \bar{D}^0 D_s^{*+} D_{s1}'^-$	22487	1	29856
22489	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- K^* K^{*-} D^{*0} J/\psi$	22488	1	29857
22490	$e^+e^- \to \pi^-\omega\omega \bar{K}^0 D^+ \bar{D}^0$	22489	1	29858
22491	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^0 \eta' D^+$	22490	1	29859
22492	$e^+e^- \to \pi^0\pi^-\eta\eta K^{*+} D^+ D^- D^{*0}$	22491	1	29860
22493	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+ \bar{K}^* K^+ \bar{D}^{*-} \bar{D}^{*-}$	22492	1	29861
22494	$e^+e^- \to \pi^0\pi^0\pi^+\rho^- K^0 K^* \bar{K}^* D^+ D^- D^{*0}$	22493	1	29862
22495	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^- D^- D_1^-$	22494	1	29863
22496	$e^+e^- \to \pi^-\rho^- K^+ D^{*+} D^{*0} \bar{D}^{*0}$	22495	1	29864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22497	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^+$	22496	1	29865
22498	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{D}^{*-}D^0D_s^-$	22497	1	29866
22499	$e^+e^- \to K^0K^-D^+D_2^{*-}D_s^+$	22498	1	29867
22500	$e^+e^- \to \rho^-\eta K^+D^0D^{*0}\bar{D}^{*0}$	22499	1	29868
22501	$e^+e^- \to e^+\nu_eK^-D^+\bar{D}^{*0}D_0^{*-}$	22500	1	29869
22502	$e^+e^- \to \pi^+\pi^-\eta K^0K^*D^0\bar{D}^{*0}J/\psi$	22501	1	29870
22503	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta K^*D^{*+}\bar{D}^{*-}\bar{n}p$	22502	1	29871
22504	$e^+e^- \to D^{*+}D_s^{*+}D_1^-a_1^-$	22503	1	29872
22505	$e^+e^- \to \pi^+\omega D^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	2792	1	29873
22506	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	22505	1	29874
22507	$e^+e^- \to \pi^0\rho^-K^-D^{*+}\bar{p}\Sigma_c^{*++}$	22506	1	29875
22508	$e^+e^- \to \pi^+\eta n\bar{\Delta}^+\bar{\Sigma}_c^0\Xi_c^{*0}$	22507	1	29876
22509	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^-D^{*+}D^{*+}\bar{D}^{*-}$	22508	1	29877
22510	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^-K^{*+}D^+D^{*0}\bar{D}^{*0}$	22509	1	29878
22511	$e^+e^- \to \pi^+\rho^+\rho^-\eta\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	22510	1	29879
22512	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega K^0D^{*+}\bar{D}^{*-}D^0$	22511	1	29880
22513	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-D^+\bar{D}^{*-}D_{s1}'^+$	22512	1	29881
22514	$e^+e^- \to \pi^-\eta\omega\bar{K}^0D^+D^-D^{*+}$	22513	1	29882
22515	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0\bar{n}pD_0^{*+}$	22514	1	29883
22516	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\bar{K}^*K^+D^-D^{*0}\bar{D}^{*0}$	22515	1	29884
22517	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}p\bar{p}$	22516	1	29885
22518	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	22517	1	29886
22519	$e^+e^- \to \pi^+\rho^+K^-D^-\bar{D}^{*0}$	22518	1	29887
22520	$e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	22519	1	29888
22521	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+K^0\bar{K}^0K^{*+}K^{*-}D^-\bar{D}^{*-}$	22520	1	29889
22522	$e^+e^- \to \tau^+\nu_\tau D^-\bar{D}^{*-}a_1^+$	22521	1	29890
22523	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^{*+}D_1^+$	22522	1	29891
22524	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}$	22523	1	29892
22525	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\bar{K}^0K^+D^+\bar{D}^{*-}p\bar{p}$	22524	1	29893
22526	$e^+e^- \to \rho^+K^*K^-K^{*+}D^-D^{*0}\bar{D}^{*0}$	22525	1	29894
22527	$e^+e^- \to \bar{K}^0D^-D^0\bar{D}^0D_{s1}'^+$	22526	1	29895
22528	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta'D^{*+}\bar{D}^{*-}$	22527	1	29896

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22529	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+ D_1^-$	22528	1	29897
22530	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^- D^+D^-$	22529	1	29898
22531	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^0\bar{D}^{*-}\bar{D}^0$	22530	1	29899
22532	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^*\bar{D}^{*-}D^0$	22531	1	29900
22533	$e^+e^- \to \pi^+\eta\bar{K}^0 D^-\bar{D}^{*-}D^0 D_s^+\gamma$	22532	1	29901
22534	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0 K^*K^*D^-D^{*+}$	22533	1	29902
22535	$e^+e^- \to \pi^-\rho^+\rho^-\eta\omega K^{*-}D^+D^+\bar{D}^0$	22534	1	29903
22536	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}$	22535	1	29904
22537	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^{++}\Sigma^+$	22536	1	29905
22538	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}D^0\gamma$	22537	1	29906
22539	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+K^*K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	22538	1	29907
22540	$e^+e^- \to \tau^+\nu_\tau\pi^+\omega K^-\bar{D}^0 D^{*0}D_1'^-$	22539	1	29908
22541	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+D^{*+}\bar{D}^0$	22540	1	29909
22542	$e^+e^- \to \pi^-\rho^+\eta\bar{K}^*D^-D^{*+}$	22541	1	29910
22543	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\rho^+\rho^-D^-D^{*+}$	22542	1	29911
22544	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_0^{*-}$	22543	1	29912
22545	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+}$	22544	1	29913
22546	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*0}$	22545	1	29914
22547	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^{*-}\bar{D}^{*-}\eta_c$	22546	1	29915
22548	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}n\bar{p}$	22547	1	29916
22549	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega D^-\bar{D}^{*-}n\bar{\Delta}^0$	22548	1	29917
22550	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^{*+}D^-D^-D_s^{*+}$	22549	1	29918
22551	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-D_s^{*+}$	22550	1	29919
22552	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\bar{K}^*K^+D^-D_1'^+$	22551	1	29920
22553	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\bar{K}^*D^-D^{*+}D^0$	22552	1	29921
22554	$e^+e^- \to \pi^0\pi^-\eta\eta D^{*+}\bar{D}^{*-}D_s^{*+}$	22553	1	29922
22555	$e^+e^- \to \pi^0\pi^0\eta\omega\omega\bar{D}^{*-}\bar{D}^0a_1^+\gamma$	22554	1	29923
22556	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	22555	1	29924
22557	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta K^0K^{*-}D^-D^{*+}$	22556	1	29925
22558	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^+K^-D^-\bar{D}^{*-}$	22557	1	29926
22559	$e^+e^- \to \eta D^{*+}\bar{D}^0D_s^{*-}p\bar{p}$	22558	1	29927
22560	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta D^-D^{*+}n\bar{p}$	22559	1	29928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22561	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	22560	1	29929
22562	$e^+e^- \to \pi^0\pi^-\rho^+D^{*+}\bar{D}^{*-}\gamma$	22561	1	29930
22563	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0K^{*-}D^{*+}D^{*+}$	22562	1	29931
22564	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_{s1}^+D_1'^-$	2793	1	29932
22565	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	22564	1	29933
22566	$e^+e^- \to \mu^+\nu_\mu K_LD^-\eta_c$	22565	1	29934
22567	$e^+e^- \to \omega K^*K^*K^-D^{*+}\eta_c$	22566	1	29935
22568	$e^+e^- \to \rho^0\pi^+\eta\omega D^+D^-\Delta^+\bar{\Delta}^{++}$	22567	1	29936
22569	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+D^-a_1^-$	22568	1	29937
22570	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	22569	1	29938
22571	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^0D^+D^+\bar{D}^{*0}$	22570	1	29939
22572	$e^+e^- \to \rho^0\pi^+D^{*+}D_s^-n\bar{\Sigma}_c^{*-}$	22571	1	29940
22573	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\omega\omega K^{*+}D^{*+}\bar{D}^{*0}$	22572	1	29941
22574	$e^+e^- \to \rho^-\bar{D}^{*-}D_s^{*+}D_1^+$	22573	1	29942
22575	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}p\bar{\Sigma}_c^-$	22574	1	29943
22576	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	22575	1	29944
22577	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}D_s^{*-}$	22576	1	29945
22578	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta\omega K^+D^{*+}\bar{D}^0$	22577	1	29946
22579	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	22578	1	29947
22580	$e^+e^- \to \mu^+\nu_\mu\eta\omega K^-\bar{D}^{*-}D^0\bar{n}p$	22579	1	29948
22581	$e^+e^- \to \pi^-\eta K^+K^{*-}D^+D^-D_s^+$	22580	1	29949
22582	$e^+e^- \to \pi^0\rho^0\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	22581	1	29950
22583	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	22582	1	29951
22584	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^0K^*K^{*-}D^0\bar{D}^0$	22583	1	29952
22585	$e^+e^- \to \pi^0\rho^0\rho^-K^+K^-\bar{D}^0\bar{D}^{*0}D_s^+$	22584	1	29953
22586	$e^+e^- \to \eta\bar{K}^0D^{*0}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^0$	22585	1	29954
22587	$e^+e^- \to \pi^+\pi^-\rho^+K^+D^-D^0D_s^-$	22586	1	29955
22588	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^0K^-D^+D^{*+}$	22587	1	29956
22589	$e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{D}^{*-}D_s^-D_1^+$	22588	1	29957
22590	$e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^+\pi^-D^0$	22589	1	29958
22591	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+D^+D^-$	22590	1	29959
22592	$e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^*J/\psi D_1^-$	22591	1	29960

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22593	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+$	22592	1	29961
22594	$e^+e^- \to \pi^+\eta\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	22593	1	29962
22595	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^0$	22594	1	29963
22596	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^-K^{*+}D^+D^-\bar{D}^{*0}$	22595	1	29964
22597	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^0\bar{D}^0$	22596	1	29965
22598	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0$	22597	1	29966
22599	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-D^+D_0^{*-}$	22598	1	29967
22600	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	22599	1	29968
22601	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^-$	22600	1	29969
22602	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-}D^0D^0$	22601	1	29970
22603	$e^+e^- \to \pi^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}D^0$	22602	1	29971
22604	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-K^0D^{*+}\bar{D}^{*0}$	22603	1	29972
22605	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}\bar{n}\Sigma_c^+$	22604	1	29973
22606	$e^+e^- \to \bar{K}^0K^*K^{*+}D^0D_s^-\Sigma^{*0}\bar{\Sigma}_c^{*0}$	22605	1	29974
22607	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\bar{D}^{*-}D_1^+\gamma$	22606	1	29975
22608	$e^+e^- \to e^+\nu_e\pi^+D^-D_s^-$	22607	1	29976
22609	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^0D^+D^-D^{*+}$	22608	1	29977
22610	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^-\chi_{c0}$	22609	1	29978
22611	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^-\bar{\Sigma}^{*+}\Lambda$	22610	1	29979
22612	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	22611	1	29980
22613	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^+D^-D^{*+}$	22612	1	29981
22614	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\bar{K}^0D^{*+}J/\psi$	22613	1	29982
22615	$e^+e^- \to \pi^0\rho^0\rho^+\eta K^*K^-D^{*+}\bar{D}^{*-}$	22614	1	29983
22616	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^{*-}$	22615	1	29984
22617	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}D_1'^+$	22616	1	29985
22618	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^{*0}\Delta^+\bar{\Sigma}_c^-$	22617	1	29986
22619	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^0$	22618	1	29987
22620	$e^+e^- \to \pi^+\pi^-\rho^+D^+\bar{D}^{*-}D_{s1}'^-$	22619	1	29988
22621	$e^+e^- \to K_LK^-D^{*+}\bar{D}^{*0}\chi_{c1}$	22620	1	29989
22622	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^0\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	22621	1	29990
22623	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D_s^{*+}\bar{p}\Lambda_c^+\gamma$	22622	1	29991
22624	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta\omega K^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	22623	1	29992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22625	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega K^0 D^+ D^- D^{*+}$	22624	1	29993
22626	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{K}^0 K^* D^- D^-$	22625	1	29994
22627	$e^+e^- \to \pi^0\pi^-\rho^-\omega\omega\omega\eta' D^+ D^{*+}$	22626	1	29995
22628	$e^+e^- \to \pi^0\pi^0\pi^-\pi^- K^0\bar{K}^0 K^+ D^{*+}\bar{D}^0$	22627	1	29996
22629	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^+ D^-\bar{D}^{*-} D^{*0}$	22628	1	29997
22630	$e^+e^- \to \pi^0\rho^+\eta' D^+ D^- n\bar{p}$	22629	1	29998
22631	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^* D^+ D^+\bar{D}^{*-}\Sigma^-\bar{\Xi}^{*+}$	22630	1	29999
22632	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0 D^- D^{*+}\bar{D}^{*-} D^0$	22631	1	30000
22633	$e^+e^- \to \rho^0\rho^+\eta\bar{K}^* D^- J/\psi\gamma$	22632	1	30001
22634	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- K^+ D^{*+} J/\psi$	22633	1	30002
22635	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\omega K^* D^+ D^-$	22634	1	30003
22636	$e^+e^- \to \pi^0\rho^+\omega K^* K^- D^+\bar{D}^{*-} J/\psi$	22635	1	30004
22637	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^*\bar{D}^{*-} D_s^+ D_s^{*+}$	22636	1	30005
22638	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^+ D^{*+} D^{*+}\bar{D}^{*-}$	22637	1	30006
22639	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-} n\bar{p}$	22638	1	30007
22640	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-} D^{*0}$	22639	1	30008
22641	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega\eta' D^- D^{*+}$	622	1	30009
22642	$e^+e^- \to \pi^+\pi^-\pi^- K^0 K^{*-} D^+ D^{*+}\bar{D}^0\bar{D}^{*0}$	22641	1	30010
22643	$e^+e^- \to \pi^+\omega n\bar{n}\Lambda\bar{\Xi}_c^{*-}$	22642	1	30011
22644	$e^+e^- \to \rho^0\pi^- K^{*+} D^0\bar{D}^0 D^{*0}$	22643	1	30012
22645	$e^+e^- \to \pi^0\pi^+\pi^- K^0 K^0 K^* D^{*+}\bar{D}^0 D_s^{*-}$	22644	1	30013
22646	$e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^*\bar{D}^{*-}\eta_c$	2795	1	30014
22647	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta K^0 D^+\bar{n}\Lambda_c^+$	22646	1	30015
22648	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^{*-}\bar{D}^{*-} n\bar{n}$	22647	1	30016
22649	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^- D_s^{*+} D_1^+$	22648	1	30017
22650	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+ D^- D^0$	2796	1	30018
22651	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta\eta D^+\bar{D}^{*-}$	22650	1	30019
22652	$e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-} D_s^+$	22651	1	30020
22653	$e^+e^- \to K^0 D^- D^0 D_s^{*+}$	22652	1	30021
22654	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0\bar{K}^0 K^+ K^- D^- D^{*+}$	22653	1	30022
22655	$e^+e^- \to \pi^-\rho^+ D^- D^{*+}$	22654	1	30023
22656	$e^+e^- \to e^+\nu_e D^- D_s^{*+} D_1^-$	22655	1	30024

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22657	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^- D^{*+} D_s^+$	22656	1	30025
22658	$e^+e^- \to \pi^-\eta\bar{K}^0 D^{*+}\bar{D}^{*-} D_s^+\bar{\Delta}^-\Delta^-$	22657	1	30026
22659	$e^+e^- \to \pi^- K^{*+} D^- D^{*+}\bar{D}^{*-} D_{s1}'^+$	22658	1	30027
22660	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+ D^+ D^- D_s^-$	22659	1	30028
22661	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^* D^- D^{*+}$	2797	1	30029
22662	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- D^{*+} D^{*+} D_s^{*-} n\bar{n}$	22661	1	30030
22663	$e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^- D_{s1}^+\gamma$	22662	1	30031
22664	$e^+e^- \to \pi^+\rho^-\rho^-\bar{K}^0 K^+ D^+ D^-$	22663	1	30032
22665	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^- K^{*+} D^{*+} D^{*+}\bar{D}^{*0}$	22664	1	30033
22666	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega K^- D^+ D^- D_s^+$	22665	1	30034
22667	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^- D^{*+}$	22666	1	30035
22668	$e^+e^- \to \pi^0\rho^-\eta\eta K^0 K^+ K^- D^{*+} D^0\bar{D}^0$	22667	1	30036
22669	$e^+e^- \to \pi^+\pi^-\eta K^* K^- K^{*+} D^+ D^- D^{*0}$	22668	1	30037
22670	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\bar{D}^{*-} D^{*0}$	22669	1	30038
22671	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+ K^+ K^{*-} D^+ D^-$	22670	1	30039
22672	$e^+e^- \to \pi^+\pi^-\rho^- D^+ D^- D_s^+ p\bar{p}$	22671	1	30040
22673	$e^+e^- \to \pi^0\pi^-\omega K^- K^{*+} D^+\bar{D}^{*0}$	22672	1	30041
22674	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\omega D^+\bar{p}\Lambda_c^+$	22673	1	30042
22675	$e^+e^- \to D^{*+} D_s^+ a_1^- D_1'^-$	22674	1	30043
22676	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^0 K^- D^+ D^-$	22675	1	30044
22677	$e^+e^- \to \phi D^- D^{*+} D_s^+ a_1^-$	22676	1	30045
22678	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^* D^- D^0 D_s^+$	22677	1	30046
22679	$e^+e^- \to \pi^-\bar{D}^0 D_s^- D_s^{*+} D_1^+$	22678	1	30047
22680	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-\bar{K}^0 K^+ D^+ D^-$	22679	1	30048
22681	$e^+e^- \to \pi^0\omega D^+ D^{*+} D_s^{*-}\Lambda\bar{\Sigma}^-$	22680	1	30049
22682	$e^+e^- \to K^*\phi D^{*+} J/\psi a_1^-$	22681	1	30050
22683	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^+\rho^- D^- D^{*0}$	22682	1	30051
22684	$e^+e^- \to \rho^0\bar{D}^{*-} D^0 a_1^+$	22683	1	30052
22685	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^0 n\bar{n}$	22684	1	30053
22686	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\eta K^* D^+\bar{D}^0 D^{*0}$	22685	1	30054
22687	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+ K^- D^+ D^-\bar{D}^{*-}$	22686	1	30055
22688	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0}$	22687	1	30056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22689	$e^+e^- \to \pi^0\pi^+\eta K^0 K^0 \bar{K}^0 K^{*-} \bar{D}^{*0} D_s^{*-} D_1^+$	22688	1	30057
22690	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	22689	1	30058
22691	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^* \bar{D}^{*-}\psi'$	22690	1	30059
22692	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\rho^- D^+ D^{*+}\bar{D}^{*-}$	22691	1	30060
22693	$e^+e^- \to \pi^-\pi^-\eta\omega\omega\omega K^+ K^{*-} D^+ D^+$	22692	1	30061
22694	$e^+e^- \to \pi^0\bar{K}^0 K^+ D^+ \bar{D}^{*-} D_s^-$	22693	1	30062
22695	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_0^{*+} D_1^-$	22694	1	30063
22696	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Lambda}\Sigma^0 D_{s1}'^+$	22695	1	30064
22697	$e^+e^- \to \pi^+\bar{D}^{*-} D_2^{*+} D^{*0} D_s^{*-}$	22696	1	30065
22698	$e^+e^- \to \eta\eta D^+ D^- D_s^+ n\bar{p}$	22697	1	30066
22699	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\eta\omega D_2^{*-} D^{*0}$	22698	1	30067
22700	$e^+e^- \to \mu^+\nu_\mu\pi^- D^- \bar{\Delta}^+\Sigma_c^{*++}$	22699	1	30068
22701	$e^+e^- \to e^+\nu_e\pi^0\pi^- K^0\bar{K}^0 K^{*+} K^{*-} D^{*+}\bar{D}^{*-}$	22700	1	30069
22702	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\eta D^{*+} n\bar{\Sigma}_c^0$	2798	1	30070
22703	$e^+e^- \to \pi^+\pi^+\pi^+\eta\bar{D}^{*-}\bar{D}^{*-} n\bar{\Delta}^+$	22702	1	30071
22704	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\rho^+ K^0 D^+ D^-$	22703	1	30072
22705	$e^+e^- \to \mu^+\nu_\mu D^- D^0\Lambda\bar{\Sigma}^{*0}$	2799	1	30073
22706	$e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^* K^+ D^-\bar{\Delta}^0\Sigma_c^{*+}$	623	1	30074
22707	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega D^- D^{*+}$	22706	1	30075
22708	$e^+e^- \to D^- D_s^{*-} D_1'^+ D_{s1}'^+$	22707	1	30076
22709	$e^+e^- \to e^+\nu_e\pi^-\eta\bar{K}^0 D^0\bar{D}^{*0}\bar{D}^{*0}$	22708	1	30077
22710	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^* K^{*+} D^- D^{*+}$	22709	1	30078
22711	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\pi^-\eta\omega K^+ D^{*+}\bar{D}^{*0}$	22710	1	30079
22712	$e^+e^- \to K^0 D^+ D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	22711	1	30080
22713	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+ K^0\bar{K}^0 D^+ D^-$	22712	1	30081
22714	$e^+e^- \to K^0 K^- D^{*+} D^{*+} D_{s1}'^-$	22713	1	30082
22715	$e^+e^- \to \pi^0\pi^+\omega\omega\omega K^0 K^{*-} D^- D^{*+}$	22714	1	30083
22716	$e^+e^- \to \pi^- K^{*+} D^+ D_s^+ D_s^{*-} a_1^-$	22715	1	30084
22717	$e^+e^- \to e^-\bar{\nu}_e\eta' D^+\bar{D}^{*-} D_s^{*+}$	22716	1	30085
22718	$e^+e^- \to \pi^0 D^{*+} D_s^{*-}\bar{n}\Xi_c'^0$	22717	1	30086
22719	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- K^+ D^{*+}\bar{D}^{*-} D^{*0}$	22718	1	30087
22720	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\omega D^+\bar{D}^{*-}$	22719	1	30088

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22721	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*-}D^+\bar{D}^0\bar{D}^{*0}$	22720	1	30089
22722	$e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	22721	1	30090
22723	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}D_{s1}^+\gamma$	22722	1	30091
22724	$e^+e^- \to K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-}$	22723	1	30092
22725	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*0}D_s^{*+}\bar{n}p$	22724	1	30093
22726	$e^+e^- \to \pi^0\pi^-\eta D^+\bar{\Delta}^0\Sigma_c^0$	22725	1	30094
22727	$e^+e^- \to \pi^0\pi^-D^+D^{*+}D_s^{*-}$	22726	1	30095
22728	$e^+e^- \to \rho^0\rho^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	22727	1	30096
22729	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^0K^+K^-K^{*+}D^{*+}D^{*+}$	22728	1	30097
22730	$e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^0\pi^+\pi^+\rho^-\omega D^-$	22729	1	30098
22731	$e^+e^- \to K^*D^+\bar{D}^{*-}\bar{X}_{sd}\gamma$	22730	1	30099
22732	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\omega\bar{D}^{*-}D_1'^+$	22731	1	30100
22733	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^{*+}\bar{D}^{*-}$	22732	1	30101
22734	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^+\bar{D}^{*-}$	22733	1	30102
22735	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}D_s^+$	22734	1	30103
22736	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}D_s^-$	22735	1	30104
22737	$e^+e^- \to \pi^0\pi^0\rho^+K^0\bar{K}^0D^+\bar{D}^{*-}D_s^{*-}$	22736	1	30105
22738	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^+D^-$	22737	1	30106
22739	$e^+e^- \to \rho^+K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	22738	1	30107
22740	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+D^-\bar{D}^0D_s^{*+}$	22739	1	30108
22741	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	22740	1	30109
22742	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	22741	1	30110
22743	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+}\bar{\Delta}^0p$	22742	1	30111
22744	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\omega\omega\omega K^0\bar{K}^0D^-\bar{D}^{*-}$	22743	1	30112
22745	$e^+e^- \to \pi^0\pi^0K^-D^-D^{*+}\bar{D}^{*0}D_s^+$	22744	1	30113
22746	$e^+e^- \to e^+\nu_e\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	22745	1	30114
22747	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	22746	1	30115
22748	$e^+e^- \to e^+\nu_e\pi^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	22747	1	30116
22749	$e^+e^- \to \pi^0\pi^+\eta K^0K^-\bar{D}^0D^{*0}$	22748	1	30117
22750	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\psi'$	22749	1	30118
22751	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta\bar{K}^0K^*K^*D^{*+}\bar{D}^{*0}$	22750	1	30119
22752	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-\omega K^0D^{*+}\bar{D}^0$	22751	1	30120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22753	$e^+e^- \to \rho^0 K^{*-} D_2^{*-} D_s^+ \bar{n} p$	22752	1	30121
22754	$e^+e^- \to \pi^0 K_L \rho^+ \rho^- K^- D_s^+ J/\psi$	22753	1	30122
22755	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \rho^+ \rho^- D^- D^{*+}$	22754	1	30123
22756	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^+ \eta \bar{D}^{*-} D_1'^+$	22755	1	30124
22757	$e^+e^- \to D^{*+} D_s^{*-} D_s^{*-} \Delta^+ \bar{\Sigma}^{*0}$	22756	1	30125
22758	$e^+e^- \to \pi^+ \rho^+ \eta K^0 \bar{K}^0 K^- D^+ D^- \bar{D}^{*-}$	22757	1	30126
22759	$e^+e^- \to D^+ J/\psi K_1^0 D_{s0}^{*-}$	22758	1	30127
22760	$e^+e^- \to \omega \bar{K}^0 \bar{D}^0 D^{*0} J/\psi K_1^0$	22759	1	30128
22761	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \rho^- \rho^- \eta \eta \omega \eta' D^- D^{*+}$	22760	1	30129
22762	$e^+e^- \to \rho^0 \pi^+ \pi^+ \rho^- \omega \bar{K}^0 D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	22761	1	30130
22763	$e^+e^- \to K_L \eta \bar{K}^0 D_s^{*+} D_s^{*-} \chi_{c1}$	22762	1	30131
22764	$e^+e^- \to \rho^+ \bar{D}^{*-} D_s^{*-} D_1^+$	22763	1	30132
22765	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \pi^+ D_2^{*+} \Sigma^- \bar{\Xi}_c^0$	22764	1	30133
22766	$e^+e^- \to K^- K^{*+} D^+ \bar{D}^{*-} D^0 \bar{D}^{*0}$	22765	1	30134
22767	$e^+e^- \to \mu^- \bar{\nu}_\mu \bar{K}^0 D^+ \chi_{c1}$	22766	1	30135
22768	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \eta K^0 \bar{K}^0 D^{*+} \bar{D}^{*-}$	2801	1	30136
22769	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ D^+ D^0 D_s^{*-}$	22768	1	30137
22770	$e^+e^- \to \pi^- \pi^- \rho^+ \bar{K}^0 D^+ D^{*+} \bar{D}^{*-}$	22769	1	30138
22771	$e^+e^- \to \pi^0 \pi^- \pi^- D^{*+} \bar{D}^0 D_s^{*+}$	22770	1	30139
22772	$e^+e^- \to \pi^0 \pi^+ \pi^- \eta \omega \bar{K}^0 K^* \phi D^{*+} \bar{D}^{*-}$	22771	1	30140
22773	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 \pi^- \pi^- \rho^+ K^0 \bar{K}^0 D^+ D^{*+}$	22772	1	30141
22774	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^- K^+ D^+ \bar{D}^{*-} D^{*0}$	22773	1	30142
22775	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- \omega \bar{K}^* D^+$	22774	1	30143
22776	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \rho^+ \omega K^- \bar{D}^{*-}$	22775	1	30144
22777	$e^+e^- \to \rho^0 \omega D^{*+} \bar{D}^0 D_s^{*-}$	22776	1	30145
22778	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- \rho^- K^+ D^+ D^{*0} \bar{D}^{*0}$	22777	1	30146
22779	$e^+e^- \to \pi^0 \rho^0 \omega D_s^{*+} D_1^-$	22778	1	30147
22780	$e^+e^- \to \rho^0 \pi^- \rho^+ \eta K^- D^+ \bar{D}^{*-} a_1^+$	22779	1	30148
22781	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \eta \eta' D^{*+} \bar{D}^{*0}$	22780	1	30149
22782	$e^+e^- \to \pi^0 \pi^+ \pi^- \omega \omega \bar{K}^0 \bar{K}^* K^+ D^- \bar{p} \Lambda_c^+$	22781	1	30150
22783	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^- \bar{K}^0 D^{*+} J/\psi$	22782	1	30151
22784	$e^+e^- \to e^+ \nu_e X_u^- \phi D^{*+} D_s^-$	22783	1	30152

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22785	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+D^-$	2802	1	30153
22786	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\bar{D}^{*-}D_1'^+$	22785	1	30154
22787	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	22786	1	30155
22788	$e^+e^- \to K^+\bar{D}^{*-}D^0J/\psi K_1^0$	2803	1	30156
22789	$e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\Delta^-\bar{\Sigma}^0a_1^+$	22788	1	30157
22790	$e^+e^- \to e^+\nu_e\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	22789	1	30158
22791	$e^+e^- \to \pi^0K^*D^+D^-\bar{D}^{*-}a_1^+$	22790	1	30159
22792	$e^+e^- \to \pi^0\rho^0K^*K^-D^{*+}\bar{D}^0$	2804	1	30160
22793	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Lambda}$	22792	1	30161
22794	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^-K^{*+}D^+\bar{D}^{*0}$	22793	1	30162
22795	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{n}$	22794	1	30163
22796	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+\bar{D}^{*-}D_1^+$	22795	1	30164
22797	$e^+e^- \to \pi^+\pi^-K^*K^-K^{*+}D^{*+}\bar{D}^{*-}D^0$	22796	1	30165
22798	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^+$	22797	1	30166
22799	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0\bar{K}^0K^+K^+\eta'D^-D^{*0}$	22798	1	30167
22800	$e^+e^- \to D^-D_s^-\bar{n}\Delta^+D_1^+$	22799	1	30168
22801	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^*D^+D^-$	22800	1	30169
22802	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega\bar{K}^*K^+D^+\bar{D}^0$	22801	1	30170
22803	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta'D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	22802	1	30171
22804	$e^+e^- \to \pi^0\pi^0\eta\omega K^-D^+\eta_c$	22803	1	30172
22805	$e^+e^- \to \rho^0\pi^+K^-\eta'\bar{D}^{*0}\eta_c$	22804	1	30173
22806	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\rho^-\eta\eta\bar{D}^{*-}D^{*0}$	22805	1	30174
22807	$e^+e^- \to e^+\nu_e\rho^-\bar{n}\Sigma_c^+D_1'^-$	22806	1	30175
22808	$e^+e^- \to \pi^+\pi^-K^*K^{*+}K^{*-}D^+D^-D^0$	22807	1	30176
22809	$e^+e^- \to \mu^+\nu_\mu D^-\bar{D}^{*-}a_1^+\gamma$	22808	1	30177
22810	$e^+e^- \to \pi^0D^-\bar{D}^{*-}D_s^{*+}\bar{\Sigma}^0\Sigma^+$	22809	1	30178
22811	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+}D_1^+$	22810	1	30179
22812	$e^+e^- \to \mu^+\nu_\mu D^-D_2^{*+}D_s^{*-}$	22811	1	30180
22813	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\rho^-K^0D^{*+}\bar{D}^0D^{*0}$	22812	1	30181
22814	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_eD^-D_2^{*+}$	22813	1	30182
22815	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\eta\bar{D}^{*-}D_1^+$	22814	1	30183
22816	$e^+e^- \to \pi^+\pi^+D^-D^0D_s^{*-}\bar{\Delta}^-\Delta^-$	22815	1	30184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22817	$e^+e^- \to \pi^0\pi^-\omega\omega K^0 D^+ D^{*+}\bar{D}^{*-}$	22816	1	30185
22818	$e^+e^- \to \tau^+\nu_\tau K_L \bar{D}^{*-}\eta_c$	2805	1	30186
22819	$e^+e^- \to \pi^0\pi^0 K^0\bar{K}^0 D^+\bar{D}^{*-}\chi_{c1}$	22818	1	30187
22820	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+ K^+ D^- D^{*+} D^{*0}$	22819	1	30188
22821	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta\eta\bar{D}^{*-}D^0$	22820	1	30189
22822	$e^+e^- \to \rho^0\pi^+\pi^- D^+ D^{*+} D_s^- \Delta^-\bar{n}$	22821	1	30190
22823	$e^+e^- \to \pi^0\pi^0 K^- D^{*+} D^0\bar{D}^{*0}$	22822	1	30191
22824	$e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{K}^0 D^+ D^{*+}\bar{D}^{*-}$	22823	1	30192
22825	$e^+e^- \to \pi^+\rho^+\rho^-\rho^- D^-\bar{\Delta}^0\Sigma_c^{*+}$	22824	1	30193
22826	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^- K^*\bar{K}^* D^-\bar{D}^0 D_s^+$	22825	1	30194
22827	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*0}D_1^+$	22826	1	30195
22828	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-}$	22827	1	30196
22829	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+ D^+ D^{*+}\Lambda\bar{\Sigma}^-$	22828	1	30197
22830	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D^{*+}\bar{D}^{*-}a_1^+$	22829	1	30198
22831	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^+\Delta^+\bar{\Sigma}_c^{*0}$	22830	1	30199
22832	$e^+e^- \to e^+\nu_e\pi^+\omega\bar{D}^{*-}D_1^-$	22831	1	30200
22833	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta\omega D^+ D^-$	22832	1	30201
22834	$e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0 K^* D^+\bar{D}^{*0}J/\psi$	22833	1	30202
22835	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 D^{*+} D_s^+ D_s^{*-}$	22834	1	30203
22836	$e^+e^- \to e^-\bar{\nu}_e K^0 D^{*+}\Lambda\bar{\Xi}_c'^0$	22835	1	30204
22837	$e^+e^- \to D^{*+}J/\psi K_1^0 D_{s1}'^-$	22836	1	30205
22838	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\bar{K}^* D^+\bar{D}^{*-}$	22837	1	30206
22839	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*-}$	22838	1	30207
22840	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	22839	1	30208
22841	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega K^0\bar{K}^0\eta' D^-\Delta^+\bar{\Delta}^{++}$	22840	1	30209
22842	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\bar{K}^0 D_s^{*+} D_0^{*+}$	22841	1	30210
22843	$e^+e^- \to \tau^+\nu_\tau\pi^+\omega D^-\bar{D}^{*-}$	22842	1	30211
22844	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta K^0\bar{K}^0 D^- D^{*+}$	22843	1	30212
22845	$e^+e^- \to \rho^0\rho^0\pi^+\rho^- D^+ D^-$	22844	1	30213
22846	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- K^* K^+ K^- K^{*+}\phi D^+ D^-$	22845	1	30214
22847	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^0\bar{K}^0\bar{K}^0 K^* D^- D^{*+}$	22846	1	30215
22848	$e^+e^- \to \tau^+\nu_\tau\bar{K}^* D^-\psi'$	22847	1	30216

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22849	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+D^+\chi_{c0}$	22848	1	30217
22850	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta K^0K^*\bar{K}^*D^{*+}$	22849	1	30218
22851	$e^+e^- \to D^+\bar{D}^{*-}\bar{\Delta}^-nD'^-_{s1}$	22850	1	30219
22852	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-D^{*+}$	22851	1	30220
22853	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}\Delta^-\bar{n}$	22852	1	30221
22854	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}D_s^{*-}$	22853	1	30222
22855	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega K^-D^-D^{*+}\bar{D}^{*0}$	22854	1	30223
22856	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\rho^+D^+\bar{D}^{*-}$	22855	1	30224
22857	$e^+e^- \to \pi^0\pi^+D^+D^0D_s^-D_{s1}^-$	22856	1	30225
22858	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^0D^+D^{*+}$	22857	1	30226
22859	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-$	22858	1	30227
22860	$e^+e^- \to \pi^0\rho^-\eta D^{*+}J/\psi K_1^0$	22859	1	30228
22861	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{\Lambda}\Lambda_c^+$	22860	1	30229
22862	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^0D^+D^+D^-$	22861	1	30230
22863	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\rho^-K^*D^+\bar{D}^0$	22862	1	30231
22864	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^*D^+D^-D^-$	22863	1	30232
22865	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^*D^+\bar{D}^{*-}D^0$	22864	1	30233
22866	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	22865	1	30234
22867	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\eta D^+D_1'^-$	22866	1	30235
22868	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta K^*D^{*+}\bar{D}^{*-}D_s^-$	22867	1	30236
22869	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D^0D_s^-$	22868	1	30237
22870	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+}\bar{D}^0$	2806	1	30238
22871	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	22870	1	30239
22872	$e^+e^- \to \rho^+D^-D^{*0}n\bar{\Delta}^0$	22871	1	30240
22873	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	22872	1	30241
22874	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}n\bar{p}$	22873	1	30242
22875	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}D_s^+$	22874	1	30243
22876	$e^+e^- \to \rho^0\pi^+\pi^+K^0K^{*-}\bar{D}^{*-}p\bar{\Sigma}_c^-$	22875	1	30244
22877	$e^+e^- \to \pi^+\omega K^+K^-K^{*+}D^-D^{*0}\Delta^0\bar{p}$	22876	1	30245
22878	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega D^-D^0$	22877	1	30246
22879	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{K}^*K^+\bar{D}^{*-}D^{*0}$	624	1	30247
22880	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-\omega D^+D^-$	22879	1	30248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22881	$e^+e^- \to \omega K^0 D^- D^{*+} D^0$	22880	1	30249
22882	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^-\omega K^+ D^+ D^+ \bar{D}^{*0}$	22881	1	30250
22883	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^{*+}\bar{D}^{*-} n\bar{p}$	22882	1	30251
22884	$e^+e^- \to \pi^0 K^- D_2^{*-} D_s^+ D_s^{*+}$	22883	1	30252
22885	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	22884	1	30253
22886	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0 K^+ K^-\eta' D^+\bar{D}^{*-}$	2808	1	30254
22887	$e^+e^- \to \pi^-\rho^+\eta\eta K^0\bar{K}^*\eta' D^+ D^-$	22886	1	30255
22888	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	22887	1	30256
22889	$e^+e^- \to \pi^0\rho^+\rho^-\omega\omega D^{*+} D_{s1}'^-$	22888	1	30257
22890	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-} D^{*0} D_s^+$	22889	1	30258
22891	$e^+e^- \to \pi^0 K^0 K^{*-} D^{*+}\bar{D}^{*-} a_1^+$	22890	1	30259
22892	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^- K^+ K^- D^+ D^{*+}$	22891	1	30260
22893	$e^+e^- \to e^+\nu_e K^0 D_2^{*-}\Lambda\bar{\Sigma}_c^0$	22892	1	30261
22894	$e^+e^- \to \pi^+\pi^-\rho^+ K^0 K^{*-}\phi D^0\bar{D}^{*0}\bar{D}^{*0}$	22893	1	30262
22895	$e^+e^- \to \rho^+\bar{D}^{*-} D^0 D_s^- a_1^+$	22894	1	30263
22896	$e^+e^- \to \pi^-\omega\bar{K}^0 K^* K^{*+} D^{*+}\bar{D}^{*-} D^0$	22895	1	30264
22897	$e^+e^- \to \pi^-\bar{K}^* D^- D^{*+} a_1^+$	22896	1	30265
22898	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\eta\eta K^0 K^- D^+ D^{*+}$	22897	1	30266
22899	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^- D^- D^-$	22898	1	30267
22900	$e^+e^- \to \pi^+\pi^- K^0 D^0\bar{D}^0\bar{D}^{*0} n\bar{\Delta}^0$	22899	1	30268
22901	$e^+e^- \to \eta\eta K^0 K^{*-} D^{*+}\bar{D}^{*-} a_1^+\gamma$	22900	1	30269
22902	$e^+e^- \to \tau^+\nu_\tau K^{*-} D^+\bar{D}^0 D_1^-$	22901	1	30270
22903	$e^+e^- \to e^+\nu_e\pi^0\pi^-\pi^-\eta\eta D^+\bar{D}^0$	2809	1	30271
22904	$e^+e^- \to e^+\nu_e K^0 K^{*-} D^{*+} D_1^-$	22903	1	30272
22905	$e^+e^- \to \bar{K}^0 K^* D^+\bar{D}^{*-} D^0\bar{D}^{*0}$	22904	1	30273
22906	$e^+e^- \to \eta K^0 D^{*+} D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	22905	1	30274
22907	$e^+e^- \to e^+\nu_e\rho^0 D^-\bar{\Delta}^+\Sigma_c^{*+}$	22906	1	30275
22908	$e^+e^- \to \rho^0\pi^+\rho^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	22907	1	30276
22909	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega K^+ K^- D^{*+} D_1'^-$	22908	1	30277
22910	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^- D^+ p\bar{\Lambda}_c^-$	22909	1	30278
22911	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0 K^*\bar{K}^* K^+ D^- D^{*0} D^{*0}$	22910	1	30279
22912	$e^+e^- \to \rho^0\rho^-\rho^- K^+ D^+$	22911	1	30280

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22913	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^0$	22912	1	30281
22914	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^0\bar{D}^0D_s^+$	22913	1	30282
22915	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^0\bar{K}^0\bar{K}^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	22914	1	30283
22916	$e^+e^- \to \mu^+\nu_\mu D_2^{*-}D_s^{*+}\bar{n}\Sigma^{*-}$	22915	1	30284
22917	$e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi D_{s0}^{*+}$	22916	1	30285
22918	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^-D^{*+}$	22917	1	30286
22919	$e^+e^- \to \pi^0\pi^+\pi^-K^*D^+D^-J/\psi$	22918	1	30287
22920	$e^+e^- \to \rho^-\omega K^-D^{*+}D^{*+}\bar{D}^{*0}$	22919	1	30288
22921	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0K^-D^+\bar{D}^{*-}n\bar{n}$	22920	1	30289
22922	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-D^-D_2^{*+}$	22921	1	30290
22923	$e^+e^- \to e^+\nu_eD^+D_s^{*-}D_1'^-$	22922	1	30291
22924	$e^+e^- \to e^-\bar{\nu}_eK^0D^+D^{*+}\bar{p}\Lambda$	22923	1	30292
22925	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-}$	22924	1	30293
22926	$e^+e^- \to e^-\bar{\nu}_e\omega D^+D^-D_1^+$	22925	1	30294
22927	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0\phi D^+D^-D^{*+}$	22926	1	30295
22928	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^+K^-D^-$	22927	1	30296
22929	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+D_2^{*-}n\bar{\Lambda}_c^-$	22928	1	30297
22930	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^-D^+D^{*+}$	22929	1	30298
22931	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^+D^-D_{s0}^{*+}$	22930	1	30299
22932	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^+\bar{D}^{*-}\gamma$	22931	1	30300
22933	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	22932	1	30301
22934	$e^+e^- \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}D_2^{*+}D_s^{*-}$	22933	1	30302
22935	$e^+e^- \to \pi^+D^-D^0D_s^{*-}D_{s0}^{*+}$	22934	1	30303
22936	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^+D^+\bar{D}^{*-}D^{*0}$	22935	1	30304
22937	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^0\pi^0\pi^0D^+D^{*+}$	22936	1	30305
22938	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^+K^-K^{*-}D^-D^{*+}\bar{D}^{*0}$	22937	1	30306
22939	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-K^+K^{*-}D^{*+}\bar{D}^{*0}$	22938	1	30307
22940	$e^+e^- \to \pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^{*-}\bar{\Lambda}\Sigma^0$	22939	1	30308
22941	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0D^+\bar{D}^{*-}$	22940	1	30309
22942	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{\Delta}^0\Sigma_c^{*+}$	22941	1	30310
22943	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\omega K^*K^-D^+\bar{D}^{*-}$	22942	1	30311
22944	$e^+e^- \to \pi^+\bar{K}^0K^+K^{*-}D^-\eta_c$	22943	1	30312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22945	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+ D^- \bar{n}p$	22944	1	30313
22946	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0 \rho^+ \eta D^- D^{*+}\gamma$	22945	1	30314
22947	$e^+e^- \to \pi^+\pi^- D^+ \bar{D}^{*-} \Delta^- \bar{\Delta}^0 p\bar{\Lambda}\gamma$	22946	1	30315
22948	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^- K^0 D^+ \bar{D}^{*0}$	22947	1	30316
22949	$e^+e^- \to \omega\omega\bar{D}^{*-} D^0 a_1^+$	22948	1	30317
22950	$e^+e^- \to \pi^0\pi^+\pi^+\omega D^- n\bar{n}\bar{p}\Xi_c^{*0}$	22949	1	30318
22951	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^- K^0 \bar{K}^* K^+ D^+$	22950	1	30319
22952	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0 D^{*+}\bar{D}^{*0}$	22951	1	30320
22953	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega\omega D^+ D^-$	22952	1	30321
22954	$e^+e^- \to \pi^+ D_2^{*-} D_s^{*+}\bar{p}\Sigma_c^{*0}$	22953	1	30322
22955	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^+ D^{*+} D_s^{*-}$	22954	1	30323
22956	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0\eta' D^- D^-$	22955	1	30324
22957	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+ K^0\bar{K}^* K^-\eta' D^+ D^- D^0$	22956	1	30325
22958	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}$	22957	1	30326
22959	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^+ K^+ K^{*-} D^{*+}\bar{D}^{*-}$	22958	1	30327
22960	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega D^+ D^-$	22959	1	30328
22961	$e^+e^- \to \pi^-\rho^- K^+ D^- D^{*+} D_1'^+$	22960	1	30329
22962	$e^+e^- \to \pi^+\pi^-\rho^+ K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	22961	1	30330
22963	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^- K^{*-} D^+ D^{*+}\bar{D}^{*0}$	22962	1	30331
22964	$e^+e^- \to \pi^- K^0 K^{*-} D^+ D^{*+}\bar{D}^0\bar{D}^0$	22963	1	30332
22965	$e^+e^- \to \rho^0\pi^+\bar{K}^0 D^+ D^- \Delta^+\bar{\Sigma}_c^{*--}$	22964	1	30333
22966	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta' D^{*+}\bar{D}^{*-} D_s^{*-}$	22965	1	30334
22967	$e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega\eta' D^+\bar{D}^{*-}$	22966	1	30335
22968	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^- D^- D^{*+}$	2810	1	30336
22969	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^- D^+\bar{D}^{*0}$	22968	1	30337
22970	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^0 D^+\bar{D}^0 D^{*0} D_s^{*-}$	22969	1	30338
22971	$e^+e^- \to K^0 K^+ D^- D^- D^{*+} D^{*0}$	22970	1	30339
22972	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0 D_2^{*+} D^0\bar{D}^0$	22971	1	30340
22973	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0 K^- D^+ D^{*+}$	22972	1	30341
22974	$e^+e^- \to \rho^0\pi^+\pi^-\rho^- D^+ D^- D^{*+}$	22973	1	30342
22975	$e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^{*+} D^- D_s^+ D_1^-$	22974	1	30343
22976	$e^+e^- \to \pi^0\pi^0\pi^+ K^- D^- D^0\bar{D}^{*0}\bar{n}p$	22975	1	30344

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
22977	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\psi(3770)$	22976	1	30345
22978	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-\omega D^+D^+$	22977	1	30346
22979	$e^+e^- \to \pi^0\rho^0\pi^+K^0K^-D^0\bar{D}^0$	22978	1	30347
22980	$e^+e^- \to \pi^+\omega K^{*-}D^+D^-$	22979	1	30348
22981	$e^+e^- \to \pi^0\pi^0\pi^+\omega\omega\omega\omega D^+\bar{D}^{*-}D_s^-$	22980	1	30349
22982	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\omega D^+D^-$	22981	1	30350
22983	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+D^-D_1'^+$	22982	1	30351
22984	$e^+e^- \to \pi^-K^*D^+\bar{n}\Delta^0pp\bar{p}\bar{p}$	22983	1	30352
22985	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}\gamma$	22984	1	30353
22986	$e^+e^- \to \pi^+\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Lambda}_c^-$	22985	1	30354
22987	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+D^-D^{*+}\Delta^0\bar{\Delta}^0$	22986	1	30355
22988	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\rho^-K^+K^-D^+$	22987	1	30356
22989	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\eta K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^0$	22988	1	30357
22990	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^+D^{*+}p\bar{\Delta}^{++}$	22989	1	30358
22991	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	22990	1	30359
22992	$e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-}D^{*0}D_s^{*+}\gamma$	22991	1	30360
22993	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^-D^+D^{*0}$	22992	1	30361
22994	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta K^0K^-D^-D^{*+}$	22993	1	30362
22995	$e^+e^- \to \rho^+\rho^-K^+K^-\bar{D}^0\eta_cp\bar{p}$	22994	1	30363
22996	$e^+e^- \to \bar{K}^*K^+K^+K^{*-}D^-D^{*+}D_{s1}'^-$	22995	1	30364
22997	$e^+e^- \to \pi^+\rho^+\rho^-K^0D^+\bar{D}^{*-}n\bar{p}$	22996	1	30365
22998	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_s^+$	22997	1	30366
22999	$e^+e^- \to \pi^0\pi^-\eta\eta\bar{K}^*D^+D^0\bar{D}^{*0}$	22998	1	30367
23000	$e^+e^- \to \pi^+\pi^-\rho^+K^{*+}D^+\bar{D}^{*-}n\bar{\Delta}^{++}\gamma$	22999	1	30368
23001	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^*D^+D^{*0}D_s^-$	23000	1	30369
23002	$e^+e^- \to \eta K^0K^-D^+\bar{D}^{*-}D_{s1}'^+$	23001	1	30370
23003	$e^+e^- \to \pi^0\rho^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0}$	23002	1	30371
23004	$e^+e^- \to \rho^-K^-D^{*+}\bar{D}^{*0}p\bar{\Sigma}_c^0$	23003	1	30372
23005	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^+D_1'^-$	23004	1	30373
23006	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0$	23005	1	30374
23007	$e^+e^- \to \pi^+K_2^{*0}K^+K^-\bar{D}^{*-}J/\psi$	23006	1	30375
23008	$e^+e^- \to \pi^+\bar{K}^0K^*K^-D^-D^{*+}\bar{D}^0$	23007	1	30376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23009	$e^+e^- \to \pi^0\pi^-\eta K^+D^-D^{*+}D^{*0}$	23008	1	30377
23010	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^*\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	23009	1	30378
23011	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+K^*\bar{K}^*D^+\bar{D}^0$	23010	1	30379
23012	$e^+e^- \to \rho^0\bar{D}^{*-}D_s^+\bar{\Delta}^+\Sigma_c^{*+}$	23011	1	30380
23013	$e^+e^- \to D^-\bar{D}^{*-}D_s^{*+}D_{s1}'^+$	23012	1	30381
23014	$e^+e^- \to D^+\bar{D}^0\Delta^0\bar{\Delta}^0a_1^-$	23013	1	30382
23015	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^+D^{*+}D^0\bar{D}^{*0}$	23014	1	30383
23016	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta\bar{D}^{*-}D^0$	23015	1	30384
23017	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}$	2811	1	30385
23018	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+p\bar{\Lambda}_c^-$	23017	1	30386
23019	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}n\bar{n}$	23018	1	30387
23020	$e^+e^- \to \pi^0\pi^0K^*\bar{K}^*K^-K^{*+}\bar{D}^0D^{*0}$	23019	1	30388
23021	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^0$	23020	1	30389
23022	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta K^+K^-D^+D^-$	23021	1	30390
23023	$e^+e^- \to \rho^0\rho^-D^+D^+D_s^-$	23022	1	30391
23024	$e^+e^- \to \rho^0\pi^+\pi^-\eta\eta D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	23023	1	30392
23025	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*0}$	23024	1	30393
23026	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta K^*\eta_c$	23025	1	30394
23027	$e^+e^- \to \pi^0\pi^-\rho^+D^+\bar{\Sigma}^+\Sigma^-D_{s1}'^-$	23026	1	30395
23028	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega D^-D^0$	23027	1	30396
23029	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^*D^+D^-D^{*+}$	23028	1	30397
23030	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-D^+D^-D^{*0}D_s^-$	23029	1	30398
23031	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0$	23030	1	30399
23032	$e^+e^- \to \rho^0\pi^+K^0\bar{K}^0D^-D^{*0}n\bar{\Delta}^0$	23031	1	30400
23033	$e^+e^- \to \pi^-\eta\omega K^{*+}D^{*+}D_{s0}^{*-}$	2812	1	30401
23034	$e^+e^- \to \tau^+\nu_\tau\rho^+D^-D^-$	23033	1	30402
23035	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}a_1^+$	23034	1	30403
23036	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+D^-\bar{D}^{*-}$	23035	1	30404
23037	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^+D^-$	23036	1	30405
23038	$e^+e^- \to \tau^+\nu_\tau\omega K^0K^-D^{*+}\bar{D}^{*-}$	23037	1	30406
23039	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-\bar{\Lambda}\Sigma^0$	23038	1	30407
23040	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*0}p\bar{p}$	23039	1	30408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23041	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\eta D^+\bar{D}^{*-}$	23040	1	30409
23042	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*0}D_s^{*-}$	23041	1	30410
23043	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0D^-D^{*+}$	23042	1	30411
23044	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^+D^{*+}\bar{D}^0$	23043	1	30412
23045	$e^+e^- \to \pi^0\pi^0D^+D_s^-D_s^{*+}D_1^-$	23044	1	30413
23046	$e^+e^- \to \pi^0\rho^+\eta\omega\omega\bar{D}^{*-}D^0$	23045	1	30414
23047	$e^+e^- \to \pi^+\rho^+\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	23046	1	30415
23048	$e^+e^- \to \pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^0\Delta^+\bar{\Delta}^+$	23047	1	30416
23049	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^-D^{*+}p\bar{\Sigma}^0$	23048	1	30417
23050	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^0\Sigma^{*0}\bar{\Sigma}^{*0}$	23049	1	30418
23051	$e^+e^- \to \rho^+\omega K^+K^{*-}D^-\bar{D}^{*-}D_s^{*+}$	23050	1	30419
23052	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^*K^{*+}D^-D^-$	23051	1	30420
23053	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+D^+\bar{D}^{*-}$	23052	1	30421
23054	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\omega K^*D^{*+}\bar{D}^{*0}$	23053	1	30422
23055	$e^+e^- \to e^+\nu_e\pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{n}\Lambda$	23054	1	30423
23056	$e^+e^- \to \mu^+\nu_\mu\rho^0\eta D^-\bar{\Delta}^+\Sigma_c^+$	23055	1	30424
23057	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^-D^{*+}D_s^+$	23056	1	30425
23058	$e^+e^- \to \pi^0\pi^-D^+D^-D_s^+n\bar{n}$	23057	1	30426
23059	$e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}a_1^-$	23058	1	30427
23060	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^-D^{*+}D_1'^+$	23059	1	30428
23061	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega D^+D^-\Sigma^0\bar{\Sigma}^0$	23060	1	30429
23062	$e^+e^- \to \pi^-\eta K^+D^+\Lambda\bar{\Sigma}_c^-$	23061	1	30430
23063	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta D^+D^-$	23062	1	30431
23064	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^-D^{*+}\chi_{c0}$	23063	1	30432
23065	$e^+e^- \to e^+\nu_e\eta'\bar{D}^{*-}D^{*0}$	23064	1	30433
23066	$e^+e^- \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	23065	1	30434
23067	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^+\eta D^-$	23066	1	30435
23068	$e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*0}D_s^+D_s^-$	23067	1	30436
23069	$e^+e^- \to \eta\bar{D}^{*0}n\bar{n}\Delta^+\bar{\Xi}_c^{*-}$	2813	1	30437
23070	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*J/\psi D_1'^+$	23069	1	30438
23071	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta\omega K^0K^-D^+\bar{D}^{*-}$	23070	1	30439
23072	$e^+e^- \to \pi^+\rho^-\eta\omega D^-D^{*+}$	23071	1	30440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23073	$e^+e^- \to \pi^-\rho^+\eta\omega D^-\bar{D}^0 D_s^+$	23072	1	30441
23074	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-\bar{D}^{*0}J/\psi$	23073	1	30442
23075	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^+D^-$	23074	1	30443
23076	$e^+e^- \to \pi^0\pi^+\eta\omega K^0K^0\bar{K}^0K^-K^-K^{*+}D^+\bar{D}^{*-}$	23075	1	30444
23077	$e^+e^- \to \eta\bar{K}^0K^+D^-D^{*+}D_s^-$	23076	1	30445
23078	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\eta\eta D^{*+}\bar{D}^{*-}$	23077	1	30446
23079	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\eta D^+D^{*+}$	23078	1	30447
23080	$e^+e^- \to \rho^+\omega K^0K^+\bar{D}^{*-}D^{*0}D_s^{*-}$	2814	1	30448
23081	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+K^+K^{*-}D^-D^-$	23080	1	30449
23082	$e^+e^- \to e^-\bar{\nu}_eK^0\Delta^0\bar{\Sigma}_c^{*0}D_1'^+$	23081	1	30450
23083	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-\eta\eta D^+D^{*+}$	23082	1	30451
23084	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\bar{K}^0K^+K^-D^-D^0$	23083	1	30452
23085	$e^+e^- \to K^0\bar{K}^0D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	23084	1	30453
23086	$e^+e^- \to \pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}\Delta^{++}\bar{\Delta}^{++}$	23085	1	30454
23087	$e^+e^- \to \pi^0\rho^0\pi^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	23086	1	30455
23088	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^0K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-}$	23087	1	30456
23089	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{D}^{*-}D^{*0}$	23088	1	30457
23090	$e^+e^- \to e^+\nu_e\rho^0\pi^+\bar{D}^{*-}K_0^{*-}$	23089	1	30458
23091	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*-}D_s^+$	23090	1	30459
23092	$e^+e^- \to \pi^+\pi^+\pi^-D^{*+}D_s^{*-}n\bar{p}$	23091	1	30460
23093	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^-K^{*+}D^+D^-D_s^-$	23092	1	30461
23094	$e^+e^- \to \pi^0\pi^+\eta\eta K^-D^{*+}\bar{D}^{*-}$	23093	1	30462
23095	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\bar{K}^0K^+D^+D^{*+}$	23094	1	30463
23096	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D^0D_s^{*-}$	23095	1	30464
23097	$e^+e^- \to \pi^0\rho^-K^{*+}K^{*-}D^-D^{*+}a_1^+$	23096	1	30465
23098	$e^+e^- \to \rho^+\rho^-\omega D^+D^-$	23097	1	30466
23099	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^*D^-D^-D^{*+}$	23098	1	30467
23100	$e^+e^- \to D^+D^-D_s^-D_{s1}^+$	23099	1	30468
23101	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-D^+\Delta^+\bar{\Sigma}_c^{*0}$	23100	1	30469
23102	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D^{*0}$	23101	1	30470
23103	$e^+e^- \to \rho^0\pi^+\rho^-\eta\eta D^+D^-$	23102	1	30471
23104	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+D_2^{*-}D_s^+$	23103	1	30472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23105	$e^+e^- \to \rho^0\pi^+\rho^-K^{*-}D^{*+}D^{*+}\bar{D}^{*-}$	23104	1	30473
23106	$e^+e^- \to \pi^+\eta\bar{K}^0D^+D^-\bar{D}^{*-}p\bar{p}$	23105	1	30474
23107	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\eta D^-D^{*+}$	23106	1	30475
23108	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{K}^0D^+D^-\bar{D}^{*-}$	23107	1	30476
23109	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0\bar{D}^{*-}D_s^{*+}n\bar{p}$	23108	1	30477
23110	$e^+e^- \to \pi^0D^+D^{*+}D_s^{*-}n\bar{p}$	23109	1	30478
23111	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+K^0K^0\bar{K}^0K^-D^{*+}D^{*+}$	23110	1	30479
23112	$e^+e^- \to D^+\bar{D}^{*-}D_s^-D_{s1}^+$	23111	1	30480
23113	$e^+e^- \to K^0K^{*+}\bar{D}^{*-}D^0D^0\bar{D}^0$	23112	1	30481
23114	$e^+e^- \to \pi^+\pi^-K^-\phi\bar{D}^0D_s^{*+}J/\psi$	23113	1	30482
23115	$e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+\gamma$	2815	1	30483
23116	$e^+e^- \to e^+\nu_eD^-D^{*+}D_{s1}^-$	23115	1	30484
23117	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\bar{K}^0D^+D^-\bar{D}^{*-}$	23116	1	30485
23118	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0D^+D_s^{*-}$	23117	1	30486
23119	$e^+e^- \to \bar{K}^0K^{*+}D^+D^-\bar{D}^{*-}D^{*0}$	23118	1	30487
23120	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	23119	1	30488
23121	$e^+e^- \to \mu^-\bar{\nu}_\mu D_2^{*-}D_s^{*+}D_0^{*+}$	23120	1	30489
23122	$e^+e^- \to \pi^-\rho^-D^+D_2^{*-}D_s^{*+}\bar{n}p$	23121	1	30490
23123	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\bar{D}^{*-}D^0$	23122	1	30491
23124	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega D^-\bar{D}^{*0}$	23123	1	30492
23125	$e^+e^- \to \pi^-\rho^+\rho^+\eta K^{*-}D^-D^{*+}\bar{D}^0$	23124	1	30493
23126	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*0}$	23125	1	30494
23127	$e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}\bar{n}p$	23126	1	30495
23128	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-K^0\bar{K}^0D^-D_1'^+$	23127	1	30496
23129	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\eta\eta D^-D^{*+}$	23128	1	30497
23130	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	23129	1	30498
23131	$e^+e^- \to \pi^0\rho^0\rho^0K^0K^{*-}D^+\bar{D}^{*0}$	23130	1	30499
23132	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	23131	1	30500
23133	$e^+e^- \to \pi^+\rho^+\rho^-\eta\omega K^*K^{*-}D^+\bar{D}^{*-}$	23132	1	30501
23134	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^{*+}D_s^-$	161	1	30502
23135	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\Delta^0\bar{\Sigma}_c^0$	23134	1	30503
23136	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta K^0\phi D^+D^-$	23135	1	30504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23137	$e^+e^- \to \pi^0\rho^0K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	23136	1	30505
23138	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+\bar{D}^{*-}$	23137	1	30506
23139	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\omega K^*D^{*+}D^{*0}\bar{D}^{*0}$	23138	1	30507
23140	$e^+e^- \to e^+\nu_e\rho^0\rho^-\eta K^0K^-D^+$	23139	1	30508
23141	$e^+e^- \to e^+\nu_e\pi^+K^+K^-D^-D^-$	23140	1	30509
23142	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-$	23141	1	30510
23143	$e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}\Delta^0\bar{p}$	23142	1	30511
23144	$e^+e^- \to \pi^+\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}p\bar{p}$	23143	1	30512
23145	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0D^{*+}D^{*+}\Lambda\bar{\Sigma}^{*-}$	23144	1	30513
23146	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_2^{*+}$	23145	1	30514
23147	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^-\bar{D}^{*-}D^0D_s^{*+}$	23146	1	30515
23148	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*-}$	23147	1	30516
23149	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	23148	1	30517
23150	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	23149	1	30518
23151	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*D^{*+}J/\psi$	23150	1	30519
23152	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	23151	1	30520
23153	$e^+e^- \to \pi^0\rho^0\rho^-\eta\omega\bar{K}^*D^{*+}D^0\bar{D}^0$	23152	1	30521
23154	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*0}$	23153	1	30522
23155	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-K^0D^+D^{*+}\bar{D}^{*-}$	23154	1	30523
23156	$e^+e^- \to \pi^0\rho^0\rho^-K^0D^+D^-D^{*+}$	23155	1	30524
23157	$e^+e^- \to \pi^0\rho^0\eta K^0\bar{K}^0K^{*+}\phi D_s^{*-}$	23156	1	30525
23158	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+D^{*+}\bar{\Sigma}^{*0}\Xi^-$	23157	1	30526
23159	$e^+e^- \to \pi^+\eta\omega K^0K^0\bar{K}^0K^-D^-D^{*+}$	23158	1	30527
23160	$e^+e^- \to \pi^0\rho^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	23159	1	30528
23161	$e^+e^- \to e^-\bar{\nu}_eK^+D^{*+}\Sigma^0\bar{\Sigma}_c^{*-}$	23160	1	30529
23162	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^-D^{*+}$	23161	1	30530
23163	$e^+e^- \to \pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+D_{s1}'^+$	23162	1	30531
23164	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^{*-}$	23163	1	30532
23165	$e^+e^- \to \pi^+\pi^+\eta\eta K^-D^+D^-D^-$	23164	1	30533
23166	$e^+e^- \to \bar{K}^0\bar{K}^*D^+\bar{D}^{*-}\eta_c$	23165	1	30534
23167	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta K^0D^{*+}$	23166	1	30535
23168	$e^+e^- \to \pi^0\rho^0\pi^-\eta\omega\bar{K}^0K^{*+}D^+D^-$	23167	1	30536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23169	$e^+e^- \to \pi^0\rho^0\rho^- K^+ D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	23168	1	30537
23170	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0 K^* D^- D^{*+}$	23169	1	30538
23171	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^- D^+\bar{D}^{*-}\bar{D}^{*0}$	23170	1	30539
23172	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-}$	23171	1	30540
23173	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^- K^0 K^- D^- D^{*+}$	23172	1	30541
23174	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\bar{K}^0 D^- D^{*0} D_0^{*-}$	23173	1	30542
23175	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^- D^+\bar{D}^{*-}$	23174	1	30543
23176	$e^+e^- \to \pi^- D^{*+} D_s^{*+} D_1'^-$	23175	1	30544
23177	$e^+e^- \to e^+\nu_e\pi^0\bar{n}\Sigma_c^0 D_0^{*-}$	23176	1	30545
23178	$e^+e^- \to \rho^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-} D_s^{*-}$	23177	1	30546
23179	$e^+e^- \to \pi^+\rho^+\rho^- K^{*-} D_s^+ D_1^-$	23178	1	30547
23180	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+ K^0\bar{K}^0\bar{K}^0 D^+\bar{D}^0$	23179	1	30548
23181	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+ D^+\bar{D}^0$	23180	1	30549
23182	$e^+e^- \to \pi^0 K_L\pi^+\pi^+\pi^-\bar{D}^{*-}\chi_{c1}$	23181	1	30550
23183	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^- K^+ D^{*+} J/\psi$	23182	1	30551
23184	$e^+e^- \to \pi^0\rho^+\rho^-\rho^- D^- D^{*+}\bar{n}p$	23183	1	30552
23185	$e^+e^- \to K^0\bar{K}^0 K^+ K^- D^- D^{*+}$	23184	1	30553
23186	$e^+e^- \to \rho^0 D^{*+} D_s^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	2817	1	30554
23187	$e^+e^- \to \rho^- K^+ D^+ p\bar{\Sigma}_c^{--}$	23186	1	30555
23188	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^+ K^- D^+\bar{D}^{*-}\bar{D}^{*-} D^0$	23187	1	30556
23189	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}$	23188	1	30557
23190	$e^+e^- \to \pi^+\pi^+\omega K^* D^-\bar{D}^{*-} D^0$	23189	1	30558
23191	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+ D^+\bar{D}^{*-} n\bar{n}$	23190	1	30559
23192	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^- D^+\bar{D}^{*-}$	23191	1	30560
23193	$e^+e^- \to \pi^0\rho^-\omega K^0 K^- D^{*+} D_2^{*+}$	23192	1	30561
23194	$e^+e^- \to \pi^0\pi^0\pi^+\rho^- K^0\bar{K}^0 D^+\bar{D}^{*-}$	23193	1	30562
23195	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\bar{D}^{*-} D_1^+$	23194	1	30563
23196	$e^+e^- \to \pi^0\bar{K}^0 K^+ D^{*+}\bar{D}^{*-} a_1^-$	23195	1	30564
23197	$e^+e^- \to e^+\nu_e\pi^0\pi^+ D_2^{*-} D^0 D_s^{*-}$	23196	1	30565
23198	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*0}$	23197	1	30566
23199	$e^+e^- \to \mu^+\nu_\mu D^{*+} n\bar{p} D_0^{*-}$	23198	1	30567
23200	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^- D_s^{*+}\Delta^+\bar{\Delta}^+$	23199	1	30568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23201	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^{*+}D^-\bar{\Delta}^+\Sigma_c^{*++}$	23200	1	30569
23202	$e^+e^- \to \pi^0\bar{K}^*K^+D^-D^{*+}D_s^{*-}$	23201	1	30570
23203	$e^+e^- \to \pi^0\pi^0K^0K^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	23202	1	30571
23204	$e^+e^- \to \pi^-\rho^+\rho^+K^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0$	23203	1	30572
23205	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^+\bar{D}^{*-}$	23204	1	30573
23206	$e^+e^- \to \pi^0\pi^+\omega K^+K^-D^+\bar{D}^{*-}n\bar{p}$	23205	1	30574
23207	$e^+e^- \to \rho^0\bar{K}^0K^*K^{*+}K^{*-}D^-D^{*+}$	23206	1	30575
23208	$e^+e^- \to \pi^0\pi^+\rho^+K^{*-}D^-D^{*+}\bar{D}^{*-}$	23207	1	30576
23209	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\rho^+D^+D_1^+$	23208	1	30577
23210	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^-D^{*+}D_s^+$	2818	1	30578
23211	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^-D^+D^{*+}$	23210	1	30579
23212	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega D^-D_1^+$	23211	1	30580
23213	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}D_s^+$	23212	1	30581
23214	$e^+e^- \to \pi^+\rho^+\rho^-K^-D^-D^{*+}\bar{D}^{*0}$	23213	1	30582
23215	$e^+e^- \to \pi^-\pi^-K^{*+}K^{*-}D^{*+}D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	23214	1	30583
23216	$e^+e^- \to \pi^0\pi^+\rho^-\eta D_s^{*-}D_1^+\gamma$	23215	1	30584
23217	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta'\bar{D}^0\bar{\Delta}^+\Sigma_c^{*+}$	23216	1	30585
23218	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^{*+}D^+D^-D^{*0}$	23217	1	30586
23219	$e^+e^- \to \eta K^0K^-D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^{*0}$	23218	1	30587
23220	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^*D^+D^{*+}\bar{D}^{*-}$	23219	1	30588
23221	$e^+e^- \to \pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}p\bar{p}$	2819	1	30589
23222	$e^+e^- \to \pi^0K^*D^+D^+D^-D_s^{*-}\gamma$	23221	1	30590
23223	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^0$	23222	1	30591
23224	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}$	23223	1	30592
23225	$e^+e^- \to \rho^0\rho^+\rho^-\eta\bar{K}^0D^0\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	23224	1	30593
23226	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+$	23225	1	30594
23227	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^0\bar{D}^0D_s^-$	23226	1	30595
23228	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-D^+D^{*+}\bar{\Delta}^-\Delta^-$	23227	1	30596
23229	$e^+e^- \to \pi^+\pi^-\omega\omega\bar{K}^*\bar{K}^*K^+\bar{D}^{*-}D^0\bar{D}^{*0}$	23228	1	30597
23230	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_2^{*-}D_s^{*-}$	23229	1	30598
23231	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}\Delta^-\bar{\Delta}^0$	23230	1	30599
23232	$e^+e^- \to K^*\bar{D}^{*-}J/\psi\bar{\Delta}^-\Delta^0$	23231	1	30600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23233	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0K^{*+}D^-\bar{D}^{*-}$	23232	1	30601
23234	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*K^+D^-D^{*0}D_s^{*-}$	23233	1	30602
23235	$e^+e^- \to \pi^0K^0\bar{K}^*\bar{K}^*K^{*-}D^+D^-D_s^{*+}$	23234	1	30603
23236	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^+K^-K^{*+}\bar{D}^0D_0^{*+}$	23235	1	30604
23237	$e^+e^- \to \pi^0\pi^+K^+K^-D^-D^-D^{*+}D^{*0}$	23236	1	30605
23238	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}$	23237	1	30606
23239	$e^+e^- \to \pi^0\pi^-\rho^+\omega\omega K^0\bar{K}^0K^-K^{*-}D^+D_s^{*+}$	23238	1	30607
23240	$e^+e^- \to \tau^+\nu_\tau\rho^-K^+D^-D^{*+}\bar{D}^{*-}$	626	1	30608
23241	$e^+e^- \to \pi^0D^-D^-D_s^+a_1^+$	627	1	30609
23242	$e^+e^- \to \pi^0K_L\rho^+\omega K^0\bar{K}^0\bar{D}^{*-}J/\psi$	2822	1	30610
23243	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^*\Lambda\bar{\Sigma}^0D_1^-$	23242	1	30611
23244	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-\eta D^+\bar{D}^{*-}$	23243	1	30612
23245	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}D_{s0}^{*+}$	23244	1	30613
23246	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-K^*K^{*-}D^{*+}D_1^-$	23245	1	30614
23247	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^+D^-D^{*+}\bar{p}\Lambda$	23246	1	30615
23248	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}D_1'^+$	23247	1	30616
23249	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	23248	1	30617
23250	$e^+e^- \to \pi^+\pi^-\pi^-\omega\bar{K}^0D^+\bar{D}^0\bar{D}^{*0}$	2823	1	30618
23251	$e^+e^- \to \pi^-K^*K^+D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	23250	1	30619
23252	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega K^0K^+D^+\bar{D}^0\bar{D}^0$	23251	1	30620
23253	$e^+e^- \to \pi^-D^-D_s^+\bar{\Delta}^0\Xi_c^{*+}$	23252	1	30621
23254	$e^+e^- \to \mu^+\nu_\mu\rho^0D^+D^-\bar{\Sigma}^-\Xi^0$	23253	1	30622
23255	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega D^-\bar{n}p$	23254	1	30623
23256	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0\bar{D}^0D_1^+$	23255	1	30624
23257	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-D^-D^{*+}n\bar{n}$	23256	1	30625
23258	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega D^{*0}\bar{p}\Sigma_c^+$	23257	1	30626
23259	$e^+e^- \to \pi^-\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^*K^+D^{*+}D^{*+}$	23258	1	30627
23260	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\omega D^+D^{*+}$	23259	1	30628
23261	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+D^-\bar{D}^{*-}$	23260	1	30629
23262	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega\bar{K}^*D^+J/\psi$	23261	1	30630
23263	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta\eta\eta\bar{K}^*K^+D^+D^-$	23262	1	30631
23264	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	628	1	30632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23265	$e^+e^- \to \rho^0\pi^+\omega K^- K^- D^- D_s^+ D_{s1}^+\gamma$	23264	1	30633
23266	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^- D^- D^{*+} D_s^{*+}$	23265	1	30634
23267	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0 K^+ D^- D^{*+}$	46	1	30635
23268	$e^+e^- \to e^+\nu_e\pi^-\omega D^+ D_0^{*-}$	23267	1	30636
23269	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^* D^- D^{*+}\bar{D}^0$	23268	1	30637
23270	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+ D_0^{*-}$	630	1	30638
23271	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^- K^0 K^{*+} K^{*-} D^- D^{*+}$	23270	1	30639
23272	$e^+e^- \to \pi^0\bar{D}^{*-} D^0 p\bar{p} a_1^+$	23271	1	30640
23273	$e^+e^- \to \pi^0 K_L\rho^+\eta\bar{D}^{*-}\psi'$	23272	1	30641
23274	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega K^* K^{*-} D^+ D^{*+}$	23273	1	30642
23275	$e^+e^- \to K^0 K^- D^{*+}\bar{D}^0 p\bar{p}$	23274	1	30643
23276	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0 K^{*+} D^+\bar{D}^{*-}$	23275	1	30644
23277	$e^+e^- \to \pi^+ D^{*+} D_s^- \Delta^0\bar{\Lambda}_c^-$	23276	1	30645
23278	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^- D^{*0} n\bar{n}$	23277	1	30646
23279	$e^+e^- \to \pi^- K^0\bar{K}^* K^{*+} D^+ D^- D^{*0}$	23278	1	30647
23280	$e^+e^- \to \pi^0\pi^-\rho^-\eta D^+ D^{*+} n\bar{n}\Delta^+\bar{\Delta}^+$	23279	1	30648
23281	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- K^0\bar{K}^0 K^- K^- K^{*+} D^{*+} D^0\bar{D}^{*0}$	23280	1	30649
23282	$e^+e^- \to \pi^+\pi^-\omega\omega\omega D^- D^{*+}$	23281	1	30650
23283	$e^+e^- \to \pi^+\pi^+\pi^- K^- D^- D_s^+\Delta^{++}\bar{\Delta}^{++}$	23282	1	30651
23284	$e^+e^- \to \pi^0\rho^-\omega D^+ D^+\Sigma^0\bar{\Sigma}^-$	23283	1	30652
23285	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}^{*+}$	23284	1	30653
23286	$e^+e^- \to \pi^0\pi^-\pi^- K^{*+}\eta' D^+ D^0\bar{D}^0$	23285	1	30654
23287	$e^+e^- \to e^-\bar{\nu}_e\pi^+ D^+\Delta^+\bar{\Sigma}_c^{--}$	23286	1	30655
23288	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\omega\bar{K}^0 K^* K^{*+}\bar{D}^{*-}$	23287	1	30656
23289	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\bar{K}^* D^{*+} D_1^+$	23288	1	30657
23290	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}\bar{D}^{*-}\gamma$	23289	1	30658
23291	$e^+e^- \to \pi^0\pi^0\pi^- K^{*+} D^-\bar{D}^0 D_s^+$	23290	1	30659
23292	$e^+e^- \to e^+\nu_e X_u^-\rho^0\pi^+\pi^-\pi^-\eta D^+$	23291	1	30660
23293	$e^+e^- \to \pi^-\eta\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^- n$	23292	1	30661
23294	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^+ D_s^- D_0^{*+}$	23293	1	30662
23295	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-} n\bar{p}$	23294	1	30663
23296	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta\omega\bar{K}^0 K^{*+}\eta' D^- D^{*+}$	23295	1	30664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23297	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0D^-D^{*0}\bar{\Delta}^+\Delta^{++}$	23296	1	30665
23298	$e^+e^- \to \pi^0\pi^+\omega K^0D^-D^0\bar{\Delta}^0\Sigma_c^0$	23297	1	30666
23299	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0D^+\bar{D}^{*-}D_s^+$	23298	1	30667
23300	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*-}$	23299	1	30668
23301	$e^+e^- \to \pi^0\pi^+K^0K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}p\bar{p}$	23300	1	30669
23302	$e^+e^- \to \rho^0\rho^0\pi^-K^0K^-D^{*+}\bar{D}^{*0}D_s^+$	23301	1	30670
23303	$e^+e^- \to \pi^+K^{*-}D^{*+}\bar{D}^{*-}D_s^{*+}D_1^-$	23302	1	30671
23304	$e^+e^- \to \eta D^+D^-D_s^+\bar{\Delta}^0\Sigma^{*-}$	23303	1	30672
23305	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^+D^-D^0$	23304	1	30673
23306	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*0}D_s^-$	23305	1	30674
23307	$e^+e^- \to e^+\nu_e\rho^0D^{*+}D_s^{*-}D_0^{*-}$	23306	1	30675
23308	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^-K^{*+}D^{*0}$	23307	1	30676
23309	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}\chi_{c2}$	23308	1	30677
23310	$e^+e^- \to \pi^0\pi^0K^{*-}D^-D^{*+}\bar{D}^{*0}D_s^+$	23309	1	30678
23311	$e^+e^- \to e^+\nu_eK^*D^-D^{*+}D_0^{*-}$	23310	1	30679
23312	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^{*+}\bar{D}^{*-}D^0D^{*0}\bar{D}^{*0}$	23311	1	30680
23313	$e^+e^- \to K^0D^+D_s^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	2827	1	30681
23314	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+D^-D^0D_1^+$	23313	1	30682
23315	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0K^{*+}\bar{D}^{*-}D_1'^-$	23314	1	30683
23316	$e^+e^- \to \pi^+\pi^+\rho^-D^-D^{*+}a_1^-$	2828	1	30684
23317	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{K}^0K^*D^-\chi_{c0}$	23316	1	30685
23318	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0D^+D^-$	23317	1	30686
23319	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}$	2829	1	30687
23320	$e^+e^- \to \pi^0K^0K^+D^+D^-D^-D^0$	23319	1	30688
23321	$e^+e^- \to D^-D^0n\bar{\Delta}^0D_{s0}^{*+}$	23320	1	30689
23322	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega D^+D^-$	23321	1	30690
23323	$e^+e^- \to K^*D^+D^-D^0\Delta^+\bar{\Delta}^+$	23322	1	30691
23324	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}D_1'^-$	23323	1	30692
23325	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+K^+K^{*-}D_2^{*-}D^0$	23324	1	30693
23326	$e^+e^- \to e^+\nu_eK^*D^+\bar{D}^{*-}\bar{D}^{*-}$	23325	1	30694
23327	$e^+e^- \to \pi^0\rho^0\pi^+D^+D^-\bar{p}\Lambda$	23326	1	30695
23328	$e^+e^- \to \pi^0\bar{K}^*D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^+\Delta^{++}$	23327	1	30696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23329	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}p\bar{\Sigma}_c^-$	23328	1	30697
23330	$e^+e^- \to \rho^-\bar{D}^{*-}D_s^+\bar{n}\Lambda_c^+$	23329	1	30698
23331	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega D^-\bar{D}^{*-}$	23330	1	30699
23332	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^-D_0^{*+}$	23331	1	30700
23333	$e^+e^- \to \rho^0\pi^-\rho^-\omega D^+D^{*+}\gamma$	23332	1	30701
23334	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega\bar{D}^0D_1^+$	23333	1	30702
23335	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\eta\eta\bar{D}^{*-}D^{*0}$	23334	1	30703
23336	$e^+e^- \to \rho^+\bar{K}^0D^-D^-\bar{n}p$	23335	1	30704
23337	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}a_1^-$	23336	1	30705
23338	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta K^+K^-D^+D^-$	23337	1	30706
23339	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}D_{s1}^+$	23338	1	30707
23340	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\eta\omega\omega\omega D^{*0}D^{*0}$	23339	1	30708
23341	$e^+e^- \to \eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}D_{s1}'^+$	23340	1	30709
23342	$e^+e^- \to \rho^0\rho^0\rho^+K^-D^-D^{*+}\bar{D}^0D^{*0}$	23341	1	30710
23343	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*K^-\bar{D}^{*-}\bar{D}^0D_s^+$	23342	1	30711
23344	$e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}D_s^-$	23343	1	30712
23345	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*0}$	23344	1	30713
23346	$e^+e^- \to \rho^0\rho^0\rho^-\eta D^+K_1^0\psi'$	23345	1	30714
23347	$e^+e^- \to \rho^0\pi^+\pi^-\eta D^+D^-$	23346	1	30715
23348	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*-}D_s^{*+}\Delta^-\bar{\Lambda}$	23347	1	30716
23349	$e^+e^- \to \pi^-\eta\omega K^*D^+D^-D^{*+}$	23348	1	30717
23350	$e^+e^- \to \omega K^0D^-D^{*+}\Delta^0\bar{\Sigma}_c^0$	23349	1	30718
23351	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0\bar{n}\Delta^0$	23350	1	30719
23352	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	23351	1	30720
23353	$e^+e^- \to \pi^0\rho^0\pi^+K^0\bar{K}^0\bar{K}^0\bar{D}^{*-}$	23352	1	30721
23354	$e^+e^- \to \pi^0\pi^0K^*K^*K^{*-}D^{*+}\psi'$	23353	1	30722
23355	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^+D^-$	23354	1	30723
23356	$e^+e^- \to \pi^0D^+D^{*+}D_s^{*-}D_s^{*-}$	23355	1	30724
23357	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^0D^{*+}n\bar{n}D_{s1}'^-$	23356	1	30725
23358	$e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	23357	1	30726
23359	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\rho^-K^0D^+D^+\bar{D}^{*0}$	2830	1	30727
23360	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^-K^{*+}D^{*+}D^{*0}D_s^{*-}$	2831	1	30728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23361	$e^+e^- \to \pi^0\pi^+\pi^+\eta K^0\bar{K}^0\bar{K}^*K^-\bar{D}^{*-}K_0^0$	23360	1	30729
23362	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^*K^+D^-D^{*+}\bar{n}\Sigma^-$	23361	1	30730
23363	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}D_1^+$	23362	1	30731
23364	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*0}$	23363	1	30732
23365	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+K^0\bar{K}^0K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+$	23364	1	30733
23366	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+K^{*+}D^{*+}\bar{D}^{*-}D^0$	23365	1	30734
23367	$e^+e^- \to \rho^0\rho^0\pi^+\eta K^*K^-D^+n\bar{\Lambda}_c^-$	23366	1	30735
23368	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}$	23367	1	30736
23369	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*K^*D^{*0}D_s^-$	23368	1	30737
23370	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^{*+}D_1^-$	23369	1	30738
23371	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^*\bar{p}\Sigma_c^{*0}$	23370	1	30739
23372	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^0$	23371	1	30740
23373	$e^+e^- \to e^+\nu_eX_u^-\pi^0\rho^+\eta K^+K^-D^-$	23372	1	30741
23374	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-K^0D^{*+}$	23373	1	30742
23375	$e^+e^- \to \pi^+\rho^+\omega D^-D^0D_s^-$	23374	1	30743
23376	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\eta K^0D^{*+}\bar{D}^{*0}$	23375	1	30744
23377	$e^+e^- \to \pi^0K^0K^0K^-D^+J/\psi$	23376	1	30745
23378	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\bar{D}^{*-}D^0$	23377	1	30746
23379	$e^+e^- \to \pi^+\rho^+\rho^+\rho^-\eta D^-\bar{D}^{*-}$	23378	1	30747
23380	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D_1'^-$	23379	1	30748
23381	$e^+e^- \to e^+\nu_e\pi^+K^{*-}D^0\bar{D}^0D_0^{*-}$	23380	1	30749
23382	$e^+e^- \to \rho^-\rho^-\omega K^0\bar{K}^0D^+D^{*+}\bar{\Sigma}^+\Sigma^-$	23381	1	30750
23383	$e^+e^- \to \pi^+\rho^-\eta'D^+\bar{D}^{*0}D_s^-$	23382	1	30751
23384	$e^+e^- \to \rho^-\omega K^+K^{*-}D^-D^{*+}\bar{\Delta}^0p$	23383	1	30752
23385	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\rho^-\omega\omega D^+\bar{D}^{*-}$	2832	1	30753
23386	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	23385	1	30754
23387	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0K^{*-}D^+D^{*+}$	23386	1	30755
23388	$e^+e^- \to \rho^+\eta\eta D^{*+}\bar{D}^{*-}D_s^-\gamma$	23387	1	30756
23389	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	2833	1	30757
23390	$e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^0D_s^{*+}$	23389	1	30758
23391	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0\Delta^+$	23390	1	30759
23392	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^{*+}D^+D^-D^{*0}$	23391	1	30760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23393	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}$	23392	1	30761
23394	$e^+e^- \to \pi^+\pi^-D^+p\bar{\Lambda}_c^-D_{s1}'^-$	23393	1	30762
23395	$e^+e^- \to \rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	23394	1	30763
23396	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta' D^+\bar{D}^{*-}$	23395	1	30764
23397	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^{*-}D^-\bar{D}^{*0}$	23396	1	30765
23398	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^+\bar{D}^{*0}\Lambda\bar{\Lambda}$	23397	1	30766
23399	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^-K^{*+}D^+D_0^{*-}$	23398	1	30767
23400	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*0}$	23399	1	30768
23401	$e^+e^- \to \pi^0\rho^+\eta K^0\bar{D}^0D^{*0}D_s^{*-}$	23400	1	30769
23402	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D^{*+}D_{s1}^+\gamma$	23401	1	30770
23403	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\bar{K}^0K^*D^+\bar{D}^{*-}$	23402	1	30771
23404	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0D^{*+}\eta_c$	23403	1	30772
23405	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^+\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	23404	1	30773
23406	$e^+e^- \to e^+\nu_eX_u^-\pi^+\omega K^{*-}D^0$	23405	1	30774
23407	$e^+e^- \to \pi^+\rho^-\rho^-D^{*+}np\bar{p}\bar{\Sigma}_c^0$	23406	1	30775
23408	$e^+e^- \to e^+\nu_e\rho^0\pi^+D^-\bar{D}^{*-}$	23407	1	30776
23409	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\omega D^+\bar{D}^0$	23408	1	30777
23410	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0\bar{D}^{*-}\chi_{c1}$	23409	1	30778
23411	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^{*+}\bar{D}^{*-}D^0$	23410	1	30779
23412	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta\omega K^0\bar{K}^0D^+D^-$	23411	1	30780
23413	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+D^{*+}D_s^{*-}$	23412	1	30781
23414	$e^+e^- \to e^+\nu_e\pi^-\omega\omega D^-D^{*+}$	23413	1	30782
23415	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{D}^0D_s^+\bar{p}\Lambda_c^+$	23414	1	30783
23416	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-D^-D_s^{*+}$	23415	1	30784
23417	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{n}pD_1^-$	23416	1	30785
23418	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\eta D^-\bar{D}^0$	23417	1	30786
23419	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}D_s^-$	23418	1	30787
23420	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega D^-\bar{D}^{*-}\bar{\Sigma}^{*+}\Sigma^{*0}$	2834	1	30788
23421	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\bar{D}^0D_s^{*+}$	23420	1	30789
23422	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\rho^-\rho^-\eta D^+D^{*+}$	23421	1	30790
23423	$e^+e^- \to \tau^+\nu_\tau\pi^+\eta D^-\bar{D}^{*-}D^0$	23422	1	30791
23424	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^{*+}D_s^{*-}$	23423	1	30792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23425	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*0}$	23424	1	30793
23426	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+D^-D_2^{*-}$	23425	1	30794
23427	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta D^-D^{*+}\bar{n}p$	23426	1	30795
23428	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D_s^+D_1^-$	2835	1	30796
23429	$e^+e^- \to e^+\nu_e\pi^-\eta\eta D^+D_0^{*-}$	23428	1	30797
23430	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\chi_{c1}$	23429	1	30798
23431	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\omega K^0K^0K^{*-}D^+D^-D^0$	23430	1	30799
23432	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^-K^0\bar{K}^0\bar{K}^*K^+K^{*+}D^{*+}$	23431	1	30800
23433	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^+\eta D^-D_1'^-$	23432	1	30801
23434	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^{*+}D^{*+}p\bar{\Sigma}^-$	23433	1	30802
23435	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^+K^-D^+D^-$	23434	1	30803
23436	$e^+e^- \to \rho^0\bar{K}^*K^{*+}D^-D^{*+}D_s^{*-}$	23435	1	30804
23437	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^-\bar{D}^{*-}\bar{D}^0D^{*0}$	23436	1	30805
23438	$e^+e^- \to \pi^0\eta D^+D^-D^-D_s^+$	23437	1	30806
23439	$e^+e^- \to \pi^0\pi^0\pi^+K^*\bar{K}^*K^+K^-K^-D^+D^-\bar{D}^0$	23438	1	30807
23440	$e^+e^- \to \pi^0K^0\bar{K}^0K^{*+}D^-D^0D^0$	23439	1	30808
23441	$e^+e^- \to \rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}D^0\bar{D}^0$	23440	1	30809
23442	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^+D_1'^+$	23441	1	30810
23443	$e^+e^- \to \pi^+\pi^-\rho^-K^+\bar{D}^{*-}D^0D_1'^+$	23442	1	30811
23444	$e^+e^- \to \rho^0\rho^-\eta K_SD^+\psi'$	23443	1	30812
23445	$e^+e^- \to \pi^0\rho^0\pi^+K^0K^*D^{*+}\bar{D}^{*-}D_s^-$	23444	1	30813
23446	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^-K^{*+}\bar{D}^{*-}J/\psi$	23445	1	30814
23447	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\omega K^0\bar{K}^0K^-K^{*+}D^-D^-$	23446	1	30815
23448	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\omega D^+D^-$	23447	1	30816
23449	$e^+e^- \to \pi^0\rho^+\rho^-\omega\eta'D^+\bar{D}^{*-}$	23448	1	30817
23450	$e^+e^- \to \omega D^-D^{*+}D_s^+a_1^-$	23449	1	30818
23451	$e^+e^- \to \pi^+\pi^+\eta\omega\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-}$	23450	1	30819
23452	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\omega K^0D^-\bar{D}^0$	23451	1	30820
23453	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^0$	23452	1	30821
23454	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-\bar{D}^0$	23453	1	30822
23455	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}D^{*+}D_s^-$	23454	1	30823
23456	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^+D^+D^-\bar{n}\Lambda$	23455	1	30824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23457	$e^+e^- \to \bar{K}^0 K^+ K^- D^- D^{*+} \bar{D}^0$	23456	1	30825
23458	$e^+e^- \to \pi^- \rho^+ K^+ \Delta^+ \bar{\Sigma}_c^{*--} \chi_{c1}$	23457	1	30826
23459	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \pi^- \rho^+ \eta\eta\omega\omega D^- D^{*+}$	23458	1	30827
23460	$e^+e^- \to \tau^+ \nu_\tau \pi^+ \rho^- \eta\eta\eta' D^0 D_1^-$	2836	1	30828
23461	$e^+e^- \to \pi^0 \rho^0 \pi^+ \eta\omega K^0 K^{*-} D^- D^{*+}$	23460	1	30829
23462	$e^+e^- \to e^+ \nu_e \rho^0 \rho^0 \rho^- D^{*+} \bar{D}^{*-}$	23461	1	30830
23463	$e^+e^- \to e^+ \nu_e \rho^0 D^{*+} \bar{D}^{*-} D_1^-$	23462	1	30831
23464	$e^+e^- \to \pi^+ \pi^- \pi^- \rho^+ \bar{K}^0 K^{*+} \bar{D}^0 \bar{\Delta}^+ \Sigma_c^{*0}$	23463	1	30832
23465	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \rho^- \rho^- \omega \bar{D}^{*-} \bar{D}^0 \bar{\Delta}^- \Delta^0$	23464	1	30833
23466	$e^+e^- \to \pi^0 \rho^0 \pi^- \pi^- K^0 D^{*+} \bar{D}^0 \bar{D}^{*0} D_s^+$	2837	1	30834
23467	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- \bar{K}^* D^{*+} \bar{\Lambda} \Sigma_c^0$	2838	1	30835
23468	$e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^+ D^- D^{*+} D_{s1}'^-$	23467	1	30836
23469	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- K^0 \bar{K}^0 D^+ \bar{D}^{*-} n\bar{n}$	23468	1	30837
23470	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^- \eta\omega K^* K^- D^+ D^{*+}$	23469	1	30838
23471	$e^+e^- \to \rho^+ K^* K^{*-} D^+ n \bar{\Sigma}_c^- \gamma$	23470	1	30839
23472	$e^+e^- \to e^- \bar{\nu}_e \pi^- D^+ p \bar{\Xi}_c'^0$	23471	1	30840
23473	$e^+e^- \to \mu^+ \nu_\mu \rho^0 \rho^- D^+ D_1'^-$	23472	1	30841
23474	$e^+e^- \to e^- \bar{\nu}_e \pi^- \rho^+ \bar{D}^0 D_1^+$	23473	1	30842
23475	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \rho^- \eta D^{*+} D^{*+}$	23474	1	30843
23476	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- D^+ D^- \bar{D}^{*-} n\bar{n}$	631	1	30844
23477	$e^+e^- \to \rho^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \omega D^+ D^- \bar{n} p$	23476	1	30845
23478	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \omega K^0 \bar{K}^0 D^+ D^+ D^-$	2840	1	30846
23479	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \rho^+ \omega K^{*+} \bar{D}^{*-} J/\psi$	23478	1	30847
23480	$e^+e^- \to \rho^0 \pi^+ K^0 K^0 \bar{K}^* \bar{D}^{*-} \bar{\Delta}^0 \Xi_c'^0$	23479	1	30848
23481	$e^+e^- \to \rho^- K^0 \bar{K}^0 D^+ D^- D^0 \bar{n} p$	23480	1	30849
23482	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^0 \pi^- \omega D^{*+} \bar{D}^{*-}$	2841	1	30850
23483	$e^+e^- \to e^+ \nu_e \eta K^- D^- \bar{\Delta}^+ \Sigma_c^{++}$	23482	1	30851
23484	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^- \omega D^- D^{*+} \bar{n} p$	23483	1	30852
23485	$e^+e^- \to \pi^0 \pi^0 \pi^- \pi^- \rho^+ \rho^+ \eta D^+ D^-$	23484	1	30853
23486	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^- \omega D^+ D^{*+} D_{s1}'^-$	23485	1	30854
23487	$e^+e^- \to \pi^0 \pi^0 \pi^+ K^- K^- \bar{D}^{*-} D_s^+ D_s^{*+}$	23486	1	30855
23488	$e^+e^- \to \rho^0 \pi^+ \pi^- \rho^- \omega D^+ D^- D_s^+$	23487	1	30856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23489	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+K^0D^-\bar{D}^{*-}$	23488	1	30857
23490	$e^+e^- \to \pi^0\pi^-\rho^+K^0K^*K^-D^{*+}\eta_c$	23489	1	30858
23491	$e^+e^- \to \pi^+\omega\omega D^-D^{*+}n\bar{p}$	23490	1	30859
23492	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\omega\bar{D}^{*-}\bar{D}^{*0}$	23491	1	30860
23493	$e^+e^- \to \rho^+\omega\bar{K}^*D^+D^-D^-$	23492	1	30861
23494	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D^0D_s^+D_s^{*-}$	23493	1	30862
23495	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D_2^{*+}D_s^{*-}$	23494	1	30863
23496	$e^+e^- \to \rho^0\pi^+\bar{K}^*K^-D^+\bar{D}^{*-}$	23495	1	30864
23497	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}$	23496	1	30865
23498	$e^+e^- \to \eta\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^-\bar{\Sigma}^+$	23497	1	30866
23499	$e^+e^- \to \bar{K}^0D^+D^-\bar{D}^{*-}a_1^+$	2842	1	30867
23500	$e^+e^- \to \eta D^+\bar{D}^{*-}D_s^{*-}\bar{n}p$	23499	1	30868
23501	$e^+e^- \to \pi^0D^+\bar{D}^{*0}D_s^{*-}\bar{p}\Delta^+$	23500	1	30869
23502	$e^+e^- \to \rho^0\pi^+\rho^-D^+\bar{D}^{*-}n\bar{n}p\bar{p}$	23501	1	30870
23503	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^0\bar{K}^0K^+D^+D^-D^{*0}$	23502	1	30871
23504	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}\bar{D}^{*-}$	23503	1	30872
23505	$e^+e^- \to \pi^+\rho^-\bar{K}^0\bar{D}^{*0}\eta_cp\bar{\Delta}^+$	23504	1	30873
23506	$e^+e^- \to \rho^0\pi^-\omega K^*D^+D^{*+}\bar{D}^{*-}$	23505	1	30874
23507	$e^+e^- \to \pi^0\pi^-\phi D^-D^{*+}D_s^+\gamma$	23506	1	30875
23508	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^+D_0^{*-}$	23507	1	30876
23509	$e^+e^- \to K^0D^-D^-D^{*+}D_{s1}^+$	23508	1	30877
23510	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^+D^+$	23509	1	30878
23511	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\omega D^{*+}\bar{D}^{*-}\gamma$	23510	1	30879
23512	$e^+e^- \to \pi^+\pi^-\rho^-\omega\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{++}$	23511	1	30880
23513	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^-\pi^-D^{*+}D^{*+}\bar{n}p$	23512	1	30881
23514	$e^+e^- \to \mu^+\nu_\mu\pi^-D^-\bar{D}^0D_s^+$	23513	1	30882
23515	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\eta\bar{K}^0K^{*+}D^-D^{*+}$	23514	1	30883
23516	$e^+e^- \to \mu^+\nu_\mu\pi^0D^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	23515	1	30884
23517	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-\bar{\Sigma}^0\Sigma^+D_1^+$	23516	1	30885
23518	$e^+e^- \to \pi^+K^0\bar{D}^{*-}D^0D_s^{*+}D_1'^-$	23517	1	30886
23519	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{D}^{*-}D_s^{*-}$	23518	1	30887
23520	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+D^{*+}D_s^-$	23519	1	30888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23521	$e^+e^- \to e^-\bar{\nu}_e K^+ D^- D_2^{*+} D^{*0}$	23520	1	30889
23522	$e^+e^- \to \pi^0\pi^+\omega K^0 K^0 \bar{K}^0 \bar{K}^* \eta' \phi \bar{D}^{*-}$	23521	1	30890
23523	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^+ D^-$	23522	1	30891
23524	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta\omega D^+ D^-$	23523	1	30892
23525	$e^+e^- \to \pi^0\pi^0\rho^+ D^+ \bar{D}^{*-} D_s^- \gamma$	23524	1	30893
23526	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^- D^{*+}$	23525	1	30894
23527	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\omega K^0 \bar{K}^* K^+ K^- D^+ \bar{D}^{*-}$	23526	1	30895
23528	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^- K^0 \bar{K}^0 D^+ D_s^+$	23527	1	30896
23529	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^{*+} D^- D^{*+} a_1^-$	23528	1	30897
23530	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0\pi^0 D^- D^-$	23529	1	30898
23531	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0 K^0 D^- D^{*+} D^{*+}$	23530	1	30899
23532	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0 K^* D^- D^{*+}$	23531	1	30900
23533	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^- K^0 \bar{K}^0 D^+ D^-$	23532	1	30901
23534	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- \bar{K}^* K^{*+} D^+ D^-$	23533	1	30902
23535	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^- K_2^{*0} \bar{D}^{*-} J/\psi$	23534	1	30903
23536	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^{*+} \bar{D}^{*-} D_s^{*+}$	23535	1	30904
23537	$e^+e^- \to \pi^+\pi^-\rho^- K^0 K^{*-} D^{*+} \bar{\Delta}^0 \Sigma_c^+$	23536	1	30905
23538	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\eta\omega D^- D_2^{*+}$	23537	1	30906
23539	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+ K^0 \bar{K}^0 D^{*+} \bar{D}^{*-} n\bar{n}$	23538	1	30907
23540	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^+ D^- \bar{\Delta}^0 p$	23539	1	30908
23541	$e^+e^- \to \rho^0 K^0 K^{*-} D^+ \bar{D}^{*-} D_s^{*+}$	23540	1	30909
23542	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+ D^{*+} \bar{D}^{*-}$	23541	1	30910
23543	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^{*-} D^{*+} \bar{D}^{*-} \bar{D}^0$	23542	1	30911
23544	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+ D^+ \bar{D}^{*0}$	23543	1	30912
23545	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^+ K^+ K^- D^+ \bar{D}^0$	23544	1	30913
23546	$e^+e^- \to \pi^-\eta\eta' D^{*+} \bar{D}^{*-} a_1^+$	23545	1	30914
23547	$e^+e^- \to K^* D^+ D^- \bar{D}^{*-} D_s^+$	23546	1	30915
23548	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^- D^+ \bar{D}^{*-}$	23547	1	30916
23549	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta D^- D^{*+}$	23548	1	30917
23550	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^- D^{*+} D^{*+}$	23549	1	30918
23551	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^- K^0\eta' D^- D_s^+ D_s^{*-}$	23550	1	30919
23552	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- D^{*+} n\bar{\Xi}_c'^0$	23551	1	30920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23553	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-D^-D^{*+}$	23552	1	30921
23554	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^{*-}D^-D^0\bar{D}^{*0}$	23553	1	30922
23555	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^*K^-D^+\bar{D}^{*-}D_s^{*+}$	2843	1	30923
23556	$e^+e^- \to \pi^+\pi^-\pi^-\omega K_S D^+\chi_{c1}$	23555	1	30924
23557	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\omega D^-D_2^{*+}$	23556	1	30925
23558	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-}$	23557	1	30926
23559	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-D^+\bar{D}^{*-}$	23558	1	30927
23560	$e^+e^- \to e^+\nu_e\pi^-\eta' D^-D^{*+}$	23559	1	30928
23561	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^-D^{*0}$	23560	1	30929
23562	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+D^{*+}D_1^-$	23561	1	30930
23563	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D^-n\bar{n}$	23562	1	30931
23564	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-D^-\bar{D}^0$	23563	1	30932
23565	$e^+e^- \to \pi^-D^+D^{*+}\bar{\Sigma}^+\Sigma^-a_1^-$	23564	1	30933
23566	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-$	23565	1	30934
23567	$e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0D^+D^-\bar{D}^{*-}D_s^+$	23566	1	30935
23568	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^-D_0^{*+}$	23567	1	30936
23569	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^*D^+D^-\bar{D}^{*-}$	23568	1	30937
23570	$e^+e^- \to \pi^+\pi^-\pi^-K^+K^-K^{*+}D^-D^{*+}D^0$	23569	1	30938
23571	$e^+e^- \to \rho^0\rho^-K^+D^+\bar{D}^{*-}D^{*0}$	23570	1	30939
23572	$e^+e^- \to \eta\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma_c^{*0}$	23571	1	30940
23573	$e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^*K^+D^-D^{*+}$	23572	1	30941
23574	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\bar{K}^0\bar{D}^{*-}D^0D_1^+$	23573	1	30942
23575	$e^+e^- \to \pi^0\rho^+\omega K^-\bar{D}^0\Delta^0\bar{\Sigma}_c^{*0}$	23574	1	30943
23576	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^-D_s^+D_1^+$	23575	1	30944
23577	$e^+e^- \to \rho^+\rho^-K^-D^{*0}\bar{D}^{*0}\bar{D}^{*0}D_s^{*+}$	23576	1	30945
23578	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^-D^{*+}\bar{\Delta}^-p$	23577	1	30946
23579	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^{*+}D^{*+}\bar{D}^{*-}$	23578	1	30947
23580	$e^+e^- \to \rho^0\pi^+D^-D_s^{*+}n\bar{\Delta}^0\bar{\Delta}^0\Sigma^-$	23579	1	30948
23581	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\eta K^{*-}D^+D^-$	23580	1	30949
23582	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\eta D^-\Delta^0\bar{\Delta}^0$	23581	1	30950
23583	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^+D^-D_s^{*+}$	23582	1	30951
23584	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^-D^{*+}n\bar{n}p\bar{\Delta}^+$	23583	1	30952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23585	$e^+e^- \to \rho^+ K^0 \bar{K}^0 D^{*+} \bar{D}^{*-} a_1^-$	23584	1	30953
23586	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \rho^0 \eta\eta D^{*+} D^0$	23585	1	30954
23587	$e^+e^- \to \pi^+ \rho^+ \rho^- \omega D^+ D^- n\bar{p}$	23586	1	30955
23588	$e^+e^- \to \rho^- \rho^- K^+ D^+ \bar{D}^{*-} D^{*0} \bar{n} p$	23587	1	30956
23589	$e^+e^- \to \pi^+ \pi^- \eta \bar{K}^* D^- D^{*+} \bar{D}^0$	23588	1	30957
23590	$e^+e^- \to \rho^+ K^- \bar{D}^{*-} D_s^{*+} \eta_c$	23589	1	30958
23591	$e^+e^- \to \mu^+ \nu_\mu \pi^0 D^- \bar{n} \Sigma_c^0$	23590	1	30959
23592	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \eta\omega\omega \bar{D}^{*-} D^{*0}$	2844	1	30960
23593	$e^+e^- \to \pi^+ \pi^+ \pi^- \rho^- \rho^- K^+ D^+ D^- D^{*+} p \bar{\Delta}^{++}$	23592	1	30961
23594	$e^+e^- \to \pi^0 \rho^- \Delta^+ \Delta^{++} \bar{\Sigma}_c^{*0} \bar{\Sigma}_c^{*--}$	23593	1	30962
23595	$e^+e^- \to \omega K^0 \bar{K}^0 D^{*+} \bar{D}^{*-} \eta_c$	23594	1	30963
23596	$e^+e^- \to \pi^0 \pi^+ \rho^+ \eta\eta\omega \bar{D}^{*-} n \bar{\Lambda}_c^-$	23595	1	30964
23597	$e^+e^- \to \pi^+ \pi^- \pi^- D^- D_s^+ \bar{p} \Sigma_c^{++}$	23596	1	30965
23598	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- D^+ D^-$	2845	1	30966
23599	$e^+e^- \to \pi^- \eta \bar{K}^0 \bar{D}^0 D_s^+ J/\psi$	23598	1	30967
23600	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ K^0 \bar{K}^0 K^+ D^{*+} D_s^{*-}$	23599	1	30968
23601	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \bar{D}^{*-} D^{*0} n \bar{\Delta}^0$	23600	1	30969
23602	$e^+e^- \to \pi^0 \pi^+ \rho^- \eta\eta\omega\omega\omega D^{*+} \bar{D}^{*-}$	23601	1	30970
23603	$e^+e^- \to K^- K^{*+} D^{*+} \bar{D}^{*-} \bar{D}^0 D^{*0}$	23602	1	30971
23604	$e^+e^- \to \pi^0 \rho^+ D^- D_s^+ D_1'^-$	23603	1	30972
23605	$e^+e^- \to e^+ \nu_e \pi^0 \pi^- \pi^- \rho^+ D^+ D^-$	23604	1	30973
23606	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \bar{K}^0 \bar{D}^{*-} J/\psi$	23605	1	30974
23607	$e^+e^- \to \tau^+ \nu_\tau \pi^+ \eta D^- D_2^{*-}$	23606	1	30975
23608	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^- \eta \bar{K}^0 \bar{K}^* K^+ \bar{D}^{*-}$	23607	1	30976
23609	$e^+e^- \to \pi^0 \rho^0 \rho^0 \rho^+ \bar{D}^{*-} D_s^{*-} D_1^+$	23608	1	30977
23610	$e^+e^- \to e^+ \nu_e \rho^0 \rho^+ D^- D^- \gamma$	23609	1	30978
23611	$e^+e^- \to e^- \bar{\nu}_e \pi^- K^+ \eta_c D_1'^+$	23610	1	30979
23612	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \omega D^{*+} D^0 \bar{D}^0$	23611	1	30980
23613	$e^+e^- \to e^+ \nu_e \omega K^- D^+ D^- \bar{D}^0$	23612	1	30981
23614	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ \eta\omega D^{*+} D^{*0}$	23613	1	30982
23615	$e^+e^- \to \pi^0 \rho^- D^+ D^- a_1^+$	23614	1	30983
23616	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- \rho^+ D^+ \bar{D}^{*-} \Delta^- \bar{\Delta}^0$	2846	1	30984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23617	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^0K^-D^+D^{*+}$	23616	1	30985
23618	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-\rho^-D^+\bar{D}^{*-}$	23617	1	30986
23619	$e^+e^- \to \rho^0K_LK^+\bar{D}^{*-}D^0J/\psi$	23618	1	30987
23620	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	23619	1	30988
23621	$e^+e^- \to \pi^-K^+\bar{D}^{*-}\eta_ca_1^+$	23620	1	30989
23622	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^-D_1'^+$	23621	1	30990
23623	$e^+e^- \to e^+\nu_eD^{*0}n\bar{n}D_1^-$	23622	1	30991
23624	$e^+e^- \to \tau^+\nu_\tau K^0K^+D_s^-D_1'^-$	2847	1	30992
23625	$e^+e^- \to e^+\nu_e\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}$	23624	1	30993
23626	$e^+e^- \to \pi^+\pi^-D^{*+}D^{*+}D_s^-\Delta^-\bar{\Delta}^0$	23625	1	30994
23627	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0K^*K^+K^-K^-\phi D^{*+}D_s^+$	23626	1	30995
23628	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^-D^{*+}D_s^+$	23627	1	30996
23629	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\omega D^-D^{*+}D^{*+}$	23628	1	30997
23630	$e^+e^- \to \pi^0\pi^-\pi^-K^+D^+D^-D^0\bar{p}\Delta^{++}$	23629	1	30998
23631	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^+\eta\omega\omega D^-\bar{D}^{*-}$	23630	1	30999
23632	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0\bar{K}^*K^+D^-\bar{D}^{*-}D^{*0}$	23631	1	31000
23633	$e^+e^- \to \pi^0\rho^+\omega\omega\omega\bar{D}^{*-}D^{*0}$	23632	1	31001
23634	$e^+e^- \to \rho^-K^-D^{*+}\Delta^+\bar{\Xi}_c^{*0}$	23633	1	31002
23635	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta D^+\bar{D}^{*-}D_s^+$	23634	1	31003
23636	$e^+e^- \to \pi^0\rho^+\omega K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	23635	1	31004
23637	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+}D_{s1}'^-$	23636	1	31005
23638	$e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^*K^+\bar{D}^{*-}D^0$	23637	1	31006
23639	$e^+e^- \to \omega K^0\bar{K}^0K^-D^-D_s^+D_s^{*+}$	23638	1	31007
23640	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega\omega D^-D^{*+}$	23639	1	31008
23641	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	23640	1	31009
23642	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+D^-$	23641	1	31010
23643	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0\bar{K}^0D^{*+}\bar{\Sigma}^0\Sigma_c^{*0}$	23642	1	31011
23644	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^{*-}D^0D^{*0}\bar{D}^{*0}n\bar{\Lambda}$	23643	1	31012
23645	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\eta\bar{K}^0D^0$	23644	1	31013
23646	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}D_s^+\gamma$	23645	1	31014
23647	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta'D^{*+}\bar{D}^{*-}$	23646	1	31015
23648	$e^+e^- \to \pi^-D^-\bar{D}^{*0}D_s^+D_s^{*+}$	23647	1	31016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23649	$e^+e^- \to \pi^+\rho^-K^+K^{*-}D^+D^-$	23648	1	31017
23650	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega K^{*+}K^{*-}D^+D^-$	23649	1	31018
23651	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\bar{K}^*K^+D^-D^-$	23650	1	31019
23652	$e^+e^- \to \mu^+\nu_\mu\rho^0D^-D^-D^{*+}$	23651	1	31020
23653	$e^+e^- \to \rho^0\rho^0\omega\omega K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	23652	1	31021
23654	$e^+e^- \to \mu^+\nu_\mu\omega K^-D^+\bar{D}^{*-}\bar{D}^0$	23653	1	31022
23655	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\bar{K}^0\bar{K}^0K^{*+}D^-D^-D^{*+}$	23654	1	31023
23656	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}n\bar{p}$	23655	1	31024
23657	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-\psi'$	23656	1	31025
23658	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+D^+D^{*+}\bar{D}^{*0}$	23657	1	31026
23659	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	23658	1	31027
23660	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega\eta'D^+\bar{D}^{*-}$	23659	1	31028
23661	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}D^{*0}$	23660	1	31029
23662	$e^+e^- \to \rho^0\bar{K}^0K^+K^{*-}D^+D^-$	23661	1	31030
23663	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	23662	1	31031
23664	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-D^{*+}\bar{D}^{*-}$	23663	1	31032
23665	$e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^0\bar{\Delta}^+\Sigma_c^+$	23664	1	31033
23666	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+D^+D^-D_s^{*-}$	23665	1	31034
23667	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta K^0K^-D^+\bar{D}^{*0}$	23666	1	31035
23668	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^+\rho^-K^-D^{*+}D_1^-$	23667	1	31036
23669	$e^+e^- \to \pi^-\rho^-\eta D^+\bar{D}^0\bar{D}^0D_s^{*+}$	23668	1	31037
23670	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\bar{K}^0D_0^{*-}$	23669	1	31038
23671	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*-}$	23670	1	31039
23672	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_0^{*-}a_1^+$	23671	1	31040
23673	$e^+e^- \to \pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-}\bar{n}p$	23672	1	31041
23674	$e^+e^- \to \pi^0\pi^0\rho^+\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	23673	1	31042
23675	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	23674	1	31043
23676	$e^+e^- \to \pi^+\omega D^+D^-D_s^-$	23675	1	31044
23677	$e^+e^- \to \pi^0\bar{D}^{*-}\bar{p}\Lambda_c^+D_{s1}'^+$	23676	1	31045
23678	$e^+e^- \to \pi^+\rho^-K^+K^-K^-\eta'D^+\bar{p}\Lambda_c^+$	23677	1	31046
23679	$e^+e^- \to \pi^-K^0K^+D^{*+}\bar{D}^{*-}D^{*0}$	23678	1	31047
23680	$e^+e^- \to \pi^-\omega K^0D^{*+}D^{*0}\bar{D}^{*0}$	23679	1	31048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23681	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^0K^+K^{*-}K^{*-}D^0\chi_{c1}$	23680	1	31049
23682	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_1^-$	23681	1	31050
23683	$e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^*K^-D^{*+}D^0$	23682	1	31051
23684	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-K^{*-}D^-\eta_c$	23683	1	31052
23685	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^+\rho^-\bar{D}^{*-}D^{*0}$	23684	1	31053
23686	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^+D^-$	23685	1	31054
23687	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^{*+}\bar{D}^{*-}$	23686	1	31055
23688	$e^+e^- \to \tau^+\nu_\tau\rho^-\omega\eta'D^+D^-$	23687	1	31056
23689	$e^+e^- \to \pi^0\pi^+\pi^+K^-\bar{D}^{*-}\eta_c(2S)$	23688	1	31057
23690	$e^+e^- \to e^+\nu_e\bar{K}^0K^{*+}K^{*-}D^-$	23689	1	31058
23691	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+$	23690	1	31059
23692	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\bar{D}^{*-}D^0D_1^-$	23691	1	31060
23693	$e^+e^- \to \pi^-\bar{K}^*K^+D^+\bar{D}^{*-}p\bar{p}$	23692	1	31061
23694	$e^+e^- \to \pi^0\pi^+\pi^-K^{*+}\bar{D}^{*-}\bar{K}_1^0\psi'$	23693	1	31062
23695	$e^+e^- \to \pi^-K^+K^-D^{*+}D^0\bar{D}^{*0}\bar{D}^{*0}$	23694	1	31063
23696	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega\omega\bar{K}^0K^+K^-D^-D^0$	23695	1	31064
23697	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	23696	1	31065
23698	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^*D^+\bar{D}^0D^{*0}$	23697	1	31066
23699	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^+K^+K^-D^+D^0$	23698	1	31067
23700	$e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0K^-D^-\bar{\Delta}^0\Lambda_c^+$	23699	1	31068
23701	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+\bar{D}^{*-}\Delta^+\bar{\Sigma}^{*0}$	23700	1	31069
23702	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta'D^-a_1^+$	23701	1	31070
23703	$e^+e^- \to \pi^0K^0\bar{D}^0D_s^+D_s^{*-}p\bar{p}$	23702	1	31071
23704	$e^+e^- \to \eta K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	23703	1	31072
23705	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{K}_1^0\psi(3770)$	2848	1	31073
23706	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	23705	1	31074
23707	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\omega\eta'D^-D^-$	23706	1	31075
23708	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\omega D^+\bar{D}^{*-}$	23707	1	31076
23709	$e^+e^- \to \pi^+\pi^-\phi D^+\bar{D}^{*-}D_s^-D_s^{*+}$	23708	1	31077
23710	$e^+e^- \to \pi^0\rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	23709	1	31078
23711	$e^+e^- \to \pi^+\rho^-K^0K^+K^-D^{*+}D_s^-$	23710	1	31079
23712	$e^+e^- \to \pi^+\pi^+\rho^+K^0\bar{K}^0K^*K^-D^-D^{*0}D_s^-$	2849	1	31080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23713	$e^+e^- \to \pi^-\omega K^0\bar{K}^0 D^+ D^- D^{*+}\bar{D}^{*0}$	23712	1	31081
23714	$e^+e^- \to \pi^+ K^- n\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Sigma_c^{*++}$	23713	1	31082
23715	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^* \bar{K}^* K^- D^- D^{*+}$	23714	1	31083
23716	$e^+e^- \to \rho^0\pi^-\rho^+ D^+\bar{D}^{*-}$	23715	1	31084
23717	$e^+e^- \to \rho^0\rho^+\rho^-\rho^-\eta D^{*+}$	23716	1	31085
23718	$e^+e^- \to \rho^0\pi^+\omega K^+ K^{*-} D^- D^{*+} D_s^{*-}$	23717	1	31086
23719	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-} n\bar{\Xi}_c^{*-}$	23718	1	31087
23720	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^* K^- D^{*+}\bar{D}^{*0}\bar{p}\Lambda$	23719	1	31088
23721	$e^+e^- \to \bar{K}^* K^+\bar{D}^{*-} D^{*0} n\bar{n}$	23720	1	31089
23722	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^- D^- D^{*+}\bar{\Sigma}^+\Sigma^0$	23721	1	31090
23723	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Delta}^+$	23722	1	31091
23724	$e^+e^- \to \rho^+ K^- K^{*+}\bar{D}^{*-}\bar{D}^{*-} a_1^+$	23723	1	31092
23725	$e^+e^- \to \bar{K}^0 D^- D^0\bar{D}^{*0} a_1^+$	23724	1	31093
23726	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^+ D^-$	23725	1	31094
23727	$e^+e^- \to \pi^0\pi^0\pi^-\pi^- D^{*+}\bar{D}^0 D_s^{*+}$	23726	1	31095
23728	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^{*+}\Delta^0\bar{\Sigma}_c^-$	23727	1	31096
23729	$e^+e^- \to \pi^0\pi^-\pi^-\eta K^- K^{*+} K^{*+} D^{*+} D^{*+}\bar{D}^{*-}$	23728	1	31097
23730	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+ K^0 D^{*+}\bar{D}^{*-}$	23729	1	31098
23731	$e^+e^- \to K^0\bar{K}^* D^+\bar{D}^{*-}\bar{\Delta}^0\Omega_c^0$	23730	1	31099
23732	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- D^+\bar{D}^{*-} D_s^{*-}$	23731	1	31100
23733	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^* D^{*+}\bar{D}^0$	23732	1	31101
23734	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta D^- D^{*+}$	23733	1	31102
23735	$e^+e^- \to \pi^-\pi^-\rho^+ K^0 K^{*+} K^{*-}\phi D^+ D^0$	23734	1	31103
23736	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega\omega\bar{K}^0 D^+\bar{D}^{*-} D^0$	23735	1	31104
23737	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 D^{*+}\Delta^0\bar{\Omega}_c^{*0}$	23736	1	31105
23738	$e^+e^- \to e^+\nu_e K^+ D^-\bar{p}\Xi_c^0$	23737	1	31106
23739	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega\bar{D}^{*-}\bar{n}p$	23738	1	31107
23740	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0 K^+ D^{*0} D_s^{*-}$	23739	1	31108
23741	$e^+e^- \to \pi^- K^0\bar{K}^* D^+ D^+\bar{D}^{*-}$	23740	1	31109
23742	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- K^0\bar{K}^* K^+ K^- D^+ D^{*+}$	23741	1	31110
23743	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^0 K^{*+}\eta' D^+\bar{D}^{*-}$	23742	1	31111
23744	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^{*+}\bar{D}^{*-}\gamma$	23743	1	31112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23745	$e^+e^- \to \bar{K}^0 D^+ n \bar{\Xi}_c'^0 a_1^-$	23744	1	31113
23746	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \eta K^0 K^- D^+ D^{*+}$	23745	1	31114
23747	$e^+e^- \to \pi^+ \pi^- \rho^+ \bar{K}^0 \bar{K}^0 K^* D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	23746	1	31115
23748	$e^+e^- \to \rho^0 \pi^+ \rho^- \omega D^+ D^- n \bar{n}$	23747	1	31116
23749	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \pi^- \rho^+ \omega \bar{D}^{*-} D_2^{*+}$	23748	1	31117
23750	$e^+e^- \to \pi^0 \rho^+ D^- \bar{n} \Delta^0 \bar{p} \Sigma_c^+$	23749	1	31118
23751	$e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^- \rho^- \eta K^+ D^+ D^+ D^-$	23750	1	31119
23752	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^- \eta D^{*+} D_0^{*-}$	23751	1	31120
23753	$e^+e^- \to \rho^0 \pi^+ \rho^+ \omega \bar{K}^0 D^- \bar{D}^{*-} D^{*0}$	23752	1	31121
23754	$e^+e^- \to \mu^- \bar{\nu}_\mu \eta \bar{K}^0 K^* D^{*+} \eta_c$	23753	1	31122
23755	$e^+e^- \to \rho^0 \rho^0 \pi^+ \bar{K}^* \bar{D}^{*-} \bar{D}^0 D^{*0}$	23754	1	31123
23756	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \pi^- \omega D^+ D^{*+}$	23755	1	31124
23757	$e^+e^- \to \pi^- K^0 K^{*-} D^{*+} D^{*+} \bar{D}^{*0} \bar{D}^{*0}$	23756	1	31125
23758	$e^+e^- \to e^+ \nu_e K_2^{*0} D^- J/\psi$	23757	1	31126
23759	$e^+e^- \to \rho^- K^0 K^- D^{*+} p \bar{\Sigma}_c^0$	23758	1	31127
23760	$e^+e^- \to \bar{K}^0 \bar{D}^{*-} \bar{\Delta}^0 \Delta^+ \bar{\Lambda} \Xi_c'^0$	23759	1	31128
23761	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^- K^* K^- D^{*+} \bar{D}^0$	23760	1	31129
23762	$e^+e^- \to \pi^0 \rho^0 \pi^- \pi^- D^+ \bar{D}^0 D_s^{*+}$	23761	1	31130
23763	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \rho^- K^0 K^{*-} D^{*+} \bar{D}^{*-}$	23762	1	31131
23764	$e^+e^- \to \mu^+ \nu_\mu \bar{D}^{*-} X_{sd} \gamma$	23763	1	31132
23765	$e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \omega D^0 \bar{D}^0 \bar{D}^{*0}$	23764	1	31133
23766	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \eta D^- D^{*+}$	23765	1	31134
23767	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \rho^- \bar{K}^0 K^{*+} D^- \bar{D}^0$	23766	1	31135
23768	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ D^+ \Delta^0 \bar{\Sigma}_c^{*-}$	23767	1	31136
23769	$e^+e^- \to \pi^0 \pi^+ \bar{K}^0 K^* D^- D^{*+} D_s^- \gamma$	23768	1	31137
23770	$e^+e^- \to e^- \bar{\nu}_e \pi^+ D^- D^{*+} \bar{\Sigma}^{*+} \Sigma^{*-}$	23769	1	31138
23771	$e^+e^- \to \rho^0 \pi^+ \eta \bar{D}^{*-} \bar{D}^{*-} a_1^+$	23770	1	31139
23772	$e^+e^- \to \pi^0 \pi^0 \eta \omega \omega D^{*+} \bar{D}^0 D_s^{*-}$	2850	1	31140
23773	$e^+e^- \to \rho^0 \pi^+ K^0 K^{*-} D^{*+} \bar{D}^{*0} D_s^-$	23772	1	31141
23774	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \rho^- K^+ D^+ \bar{D}^{*-} D^{*0}$	23773	1	31142
23775	$e^+e^- \to \pi^0 \pi^- \omega \omega K^* D^+ D^+ D^-$	23774	1	31143
23776	$e^+e^- \to e^+ \nu_e \pi^0 \pi^- D^- \bar{D}^0 D_s^+$	23775	1	31144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23777	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^- D^0 D_s^+$	23776	1	31145
23778	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\omega\bar{D}^{*-}\bar{D}^0 D_s^{*+}\gamma$	23777	1	31146
23779	$e^+e^- \to \pi^0 K^- D^{*+}\bar{D}^{*0} n\bar{\Sigma}_c^0$	23778	1	31147
23780	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau D^- D_1^+$	23779	1	31148
23781	$e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^0 D_s^+ D_s^+ D_s^-$	23780	1	31149
23782	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+ K^+ K^- D^+ D^-$	23781	1	31150
23783	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^- D^-$	23782	1	31151
23784	$e^+e^- \to \pi^-\bar{K}^* D^{*+} D_2^{*-}\bar{D}^{*0} D_s^{*+}$	23783	1	31152
23785	$e^+e^- \to \pi^-\pi^-\rho^+ D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	23784	1	31153
23786	$e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^* D^- D^{*+}\bar{D}^{*-} n\bar{p}$	23785	1	31154
23787	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^- D^{*+}\bar{D}^{*0}$	23786	1	31155
23788	$e^+e^- \to \eta K^0 K^{*-} D^{*+}\bar{D}^0 D^{*0}\bar{D}^{*0}$	23787	1	31156
23789	$e^+e^- \to \eta K^0 K^- D^+ D^{*+} D_s^-$	632	1	31157
23790	$e^+e^- \to \rho^-\bar{D}^{*-} D_s^{*+}\bar{n}\Sigma_c^+$	23789	1	31158
23791	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^{*-} D^{*+} D^{*+}\bar{D}^0$	23790	1	31159
23792	$e^+e^- \to e^+\nu_e\rho^0\eta\bar{K}^0\bar{D}^{*-}\eta_c$	23791	1	31160
23793	$e^+e^- \to \pi^+\eta K^{*+} D^-\Lambda\bar{\Sigma}_c^-$	23792	1	31161
23794	$e^+e^- \to \rho^0\pi^-\bar{K}^* K^+ K^{*-} D^+\psi'$	23793	1	31162
23795	$e^+e^- \to \pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	23794	1	31163
23796	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^* K^- D^+ D^-$	23795	1	31164
23797	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\eta\eta\bar{D}^{*-} D_1^+$	23796	1	31165
23798	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^- D^0\bar{\Delta}^0\Sigma^0$	23797	1	31166
23799	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0 K^{*+} D^+\bar{D}^{*-}$	23798	1	31167
23800	$e^+e^- \to \pi^0 K^0 K^* D^{*+}\bar{D}^{*-}\Lambda\bar{\Sigma}_c^0$	23799	1	31168
23801	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-} D_s^{*+} n\bar{n}$	23800	1	31169
23802	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+ D^-$	23801	1	31170
23803	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^- D^{*+}$	23802	1	31171
23804	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^+\bar{D}^{*-} D_s^{*-}$	23803	1	31172
23805	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^- D^+\bar{D}^{*-}\bar{\Delta}^- n$	23804	1	31173
23806	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega\omega D^-\bar{D}^0 n\bar{n}$	23805	1	31174
23807	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta' D^+ D^- D_s^{*+}$	23806	1	31175
23808	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^* D^- D^{*+} D_s^{*+}$	23807	1	31176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23809	$e^+e^- \to \pi^0\rho^+\eta K^0 K^{*-} D^+ \bar{D}^{*-}$	23808	1	31177
23810	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta\omega\bar{K}^0 K^+ \bar{D}^{*-} D^0$	23809	1	31178
23811	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\omega D^{*+} D^{*+}$	23810	1	31179
23812	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- K^0\bar{K}^* D^{*+} D_1'^-$	23811	1	31180
23813	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0 D^+ D_s^+ D_s^-$	23812	1	31181
23814	$e^+e^- \to \pi^+ K_S \bar{D}^{*-}\eta_c n\bar{n}$	2852	1	31182
23815	$e^+e^- \to \pi^-\pi^- K^0\bar{K}^0\bar{K}^0 D^+\bar{D}^0\bar{D}^{*0} D_s^+$	23814	1	31183
23816	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^- D^{*+} D^{*+}$	23815	1	31184
23817	$e^+e^- \to \pi^+\pi^-\eta\omega K^+\bar{D}^{*-} D^0\Lambda\bar{\Sigma}^{*0}$	23816	1	31185
23818	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c^0$	23817	1	31186
23819	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\eta D^+ D_1'^-$	23818	1	31187
23820	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^{*+} n\bar{\Xi}_c'^-$	23819	1	31188
23821	$e^+e^- \to \rho^- K^+ D^+\eta_c a_1^-$	23820	1	31189
23822	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta D^{*+} D_s^+ D_s^{*-}$	23821	1	31190
23823	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\omega K^+ D^+ D^{*+}\bar{D}^{*-}$	23822	1	31191
23824	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	23823	1	31192
23825	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+ J/\psi$	23824	1	31193
23826	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\pi^- D^{*+}$	23825	1	31194
23827	$e^+e^- \to e^+\nu_e\eta\bar{K}^0 D^-\eta_c$	23826	1	31195
23828	$e^+e^- \to \rho^-\eta K^+ D^- D^{*+} D^{*0}$	23827	1	31196
23829	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta' D^+ D^-\Delta^+\bar{\Delta}^{++}$	23828	1	31197
23830	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0 K^+ D^+\bar{D}^{*-}\gamma$	23829	1	31198
23831	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0 K^{*+} D^-\bar{D}^{*-}$	23830	1	31199
23832	$e^+e^- \to \rho^0 K^{*+} D^- n\bar{n}\Sigma^{*0}\Sigma_c^0$	23831	1	31200
23833	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta\bar{K}^0 D^{*+} D^{*+}\bar{D}^{*0}$	23832	1	31201
23834	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+ K^* D^+ D^- D^0$	23833	1	31202
23835	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^+\bar{D}^{*-}$	23834	1	31203
23836	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\rho^-\omega D^- D^{*0}$	23835	1	31204
23837	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\bar{K}^* K^+ D^- D^{*+}$	23836	1	31205
23838	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^- D^+\bar{D}^{*-} n\bar{n}$	23837	1	31206
23839	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+$	23838	1	31207
23840	$e^+e^- \to \pi^0\pi^-\rho^+\rho^- K^* D^+ D^+\bar{D}^{*-}$	23839	1	31208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23841	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^+K^+K^-K^{*-}\bar{D}^{*-}$	23840	1	31209
23842	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^-\bar{D}^0\bar{\Lambda}\Lambda_c^+$	23841	1	31210
23843	$e^+e^- \to \pi^+\pi^-K^*\bar{D}^{*-}\bar{D}^0D^{*0}D_{s0}^{*+}$	23842	1	31211
23844	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{\Sigma}^0\Xi^0$	23843	1	31212
23845	$e^+e^- \to \pi^0K^+K^-D^{*+}\bar{D}^{*0}a_1^-$	23844	1	31213
23846	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\rho^+K^0\bar{K}^*D^-D^{*0}$	23845	1	31214
23847	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\bar{K}^*D^+D^+D^-$	23846	1	31215
23848	$e^+e^- \to \pi^0\pi^-\rho^+K^*D^-D^{*+}$	23847	1	31216
23849	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}n\bar{n}$	23848	1	31217
23850	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta K_SD^0J/\psi$	23849	1	31218
23851	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+D^-D_s^+$	23850	1	31219
23852	$e^+e^- \to \pi^0\rho^0D^{*+}nn\bar{p}\bar{\Sigma}_c^0$	23851	1	31220
23853	$e^+e^- \to \rho^0\pi^+\rho^+\bar{K}^0K^*D^-\bar{D}^{*-}$	23852	1	31221
23854	$e^+e^- \to \pi^0\rho^0\pi^-\eta'D^{*+}D^0\bar{D}^{*0}$	23853	1	31222
23855	$e^+e^- \to D^-D^{*+}n\bar{p}D_{s1}^+$	23854	1	31223
23856	$e^+e^- \to \pi^+\pi^-\rho^-K^0D^+D^0\bar{D}^{*0}$	23855	1	31224
23857	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-}$	23856	1	31225
23858	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^*K^{*+}K^{*-}\bar{D}^{*-}D^0$	23857	1	31226
23859	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+D^-D^{*0}$	23858	1	31227
23860	$e^+e^- \to \tau^+\nu_\tau\pi^-K^-K^{*+}D^-D^{*+}$	23859	1	31228
23861	$e^+e^- \to \pi^+K^-D^{*+}\Delta^-\bar{n}\chi_{c1}$	23860	1	31229
23862	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\eta K^-K^{*+}D^{*+}\bar{D}^{*0}$	23861	1	31230
23863	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+K^0\bar{K}^0K^+D^+D^+D^-$	23862	1	31231
23864	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\omega K^0D^-D^0\bar{D}^0\bar{\Sigma}^0\Sigma^+$	23863	1	31232
23865	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0K^*\eta'D^-D^{*+}$	23864	1	31233
23866	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega D^+D^-D_s^+$	23865	1	31234
23867	$e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-}\bar{p}\Sigma_c^{*+}$	23866	1	31235
23868	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+K^*D^0\bar{D}^0$	23867	1	31236
23869	$e^+e^- \to \pi^-\rho^+K^0\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-}\gamma$	23868	1	31237
23870	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\rho^-D_1'^+$	23869	1	31238
23871	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^-D^0D_s^{*+}$	23870	1	31239
23872	$e^+e^- \to \rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-}$	633	1	31240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23873	$e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{D}^{*-}a_1^+$	23872	1	31241
23874	$e^+e^- \to K^*D^{*0}\bar{D}^{*0}D_s^-D_1'^+$	23873	1	31242
23875	$e^+e^- \to e^+\nu_e\rho^0\bar{K}^*D^-J/\psi$	23874	1	31243
23876	$e^+e^- \to e^-\bar{\nu}_eK^0\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-}$	23875	1	31244
23877	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D^{*0}D_s^-$	23876	1	31245
23878	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	23877	1	31246
23879	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}a_1^-$	23878	1	31247
23880	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c2}$	23879	1	31248
23881	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta\omega D^+\bar{D}^{*-}$	23880	1	31249
23882	$e^+e^- \to \pi^0\pi^-K^+\eta'D^{*+}\Lambda\bar{\Sigma}_c^-$	23881	1	31250
23883	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{D}^{*-}\bar{n}\Delta^+D_1'^+$	23882	1	31251
23884	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{D}^{*-}D^0a_1^+$	23883	1	31252
23885	$e^+e^- \to \pi^0\rho^+\rho^-\omega K^0D^-D^{*+}$	23884	1	31253
23886	$e^+e^- \to \pi^+\omega K^*\bar{K}^*D^-\bar{n}\Sigma_c^{*0}$	23885	1	31254
23887	$e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^-D^{*+}D_s^+$	23886	1	31255
23888	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\bar{K}^0K^*D^{*+}D^{*+}\Delta^-\bar{n}$	23887	1	31256
23889	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\eta K^0K^-K^-D^+D^0\bar{D}^{*0}$	23888	1	31257
23890	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D_1'^+$	23889	1	31258
23891	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\omega\omega K^0\bar{D}^{*-}D^{*0}$	23890	1	31259
23892	$e^+e^- \to \rho^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	23891	1	31260
23893	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^-D^{*+}$	23892	1	31261
23894	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta D^-D^{*+}p\bar{p}$	23893	1	31262
23895	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}n\bar{p}$	2854	1	31263
23896	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^{*-}$	23895	1	31264
23897	$e^+e^- \to \pi^0\pi^-D^+\Delta^0\bar{\Sigma}_c^0$	23896	1	31265
23898	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^-\bar{D}^0D_s^+$	23897	1	31266
23899	$e^+e^- \to \rho^0\rho^+\omega K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	23898	1	31267
23900	$e^+e^- \to \rho^0\bar{K}^0K^+D_s^-J/\psi$	23899	1	31268
23901	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{n}\Sigma_c^+D_1^-$	23900	1	31269
23902	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^+\bar{D}^0$	634	1	31270
23903	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^+\bar{D}^{*0}$	23902	1	31271
23904	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^0D^-D_s^+D_s^-$	23903	1	31272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23905	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^-\bar{K}^0K^+D^+\bar{n}\Lambda_c^+$	23904	1	31273
23906	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0D^+D^-D^{*+}$	23905	1	31274
23907	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+D^-D_s^{*-}$	23906	1	31275
23908	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^*K^{*-}D^+D^{*0}$	23907	1	31276
23909	$e^+e^- \to \pi^0K_L\bar{K}^0K^+D^-\chi_{c1}$	23908	1	31277
23910	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0\eta'D^-D^0\bar{D}^{*0}$	23909	1	31278
23911	$e^+e^- \to \rho^-\eta\omega D^{*+}\bar{D}^{*0}\Lambda\bar{\Lambda}$	23910	1	31279
23912	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^0\bar{D}^{*-}D_s^-$	23911	1	31280
23913	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-D^-D^{*0}D_s^+$	23912	1	31281
23914	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{n}p\Delta^+\bar{\Sigma}_c^{*--}$	23913	1	31282
23915	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}$	23914	1	31283
23916	$e^+e^- \to \mu^-\bar{\nu}_\mu K_2^{*0}J/\psi D_0^{*+}$	23915	1	31284
23917	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega\eta'D^{*+}D^{*0}$	23916	1	31285
23918	$e^+e^- \to \rho^+\rho^-\bar{K}^*\eta'D^{*+}\bar{D}^{*-}$	2856	1	31286
23919	$e^+e^- \to \omega K^{*-}D^-D^{*+}\bar{D}^0\bar{n}p$	23918	1	31287
23920	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\eta\bar{K}^*K^+K^{*-}\eta'\bar{D}^{*-}$	23919	1	31288
23921	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{\Delta}^-\Delta^0D_1'^+\gamma$	2857	1	31289
23922	$e^+e^- \to \rho^-\eta D^-D^{*+}D_{s1}'^+$	23921	1	31290
23923	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^-D_1^+$	2858	1	31291
23924	$e^+e^- \to \rho^+K^+K^-\bar{D}^{*-}D^{*0}J/\psi$	23923	1	31292
23925	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}n\bar{p}$	23924	1	31293
23926	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^*K^+D^+\bar{D}^{*-}$	23925	1	31294
23927	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^+D^-$	23926	1	31295
23928	$e^+e^- \to \pi^0\pi^+\pi^-D^0D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0}$	23927	1	31296
23929	$e^+e^- \to \pi^+\rho^+\rho^-\omega K^0\bar{K}^0K^+D^+\bar{D}^{*-}\bar{p}\Sigma^-$	23928	1	31297
23930	$e^+e^- \to \pi^0\rho^0\pi^-\eta\eta'D^+D^-D_{s1}^+$	23929	1	31298
23931	$e^+e^- \to \tau^+\nu_\tau\rho^+\bar{K}^0D^-D^0D_1'^-$	23930	1	31299
23932	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+D^-D^{*+}$	23931	1	31300
23933	$e^+e^- \to \pi^0\rho^+\rho^-\omega K^0D^{*+}\bar{D}^{*-}D^0$	23932	1	31301
23934	$e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0D^{*0}D_s^-$	23933	1	31302
23935	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+\rho^-\omega\bar{D}^{*-}$	2859	1	31303
23936	$e^+e^- \to \pi^+\omega\omega K^0\bar{K}^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	23935	1	31304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23937	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-K^0\bar{K}^0D^{*+}D_0^{*-}$	23936	1	31305
23938	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\bar{K}^0K^+K^{*-}\bar{D}^{*-}$	23937	1	31306
23939	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^-D_s^{*-}D_1'^+$	23938	1	31307
23940	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^+n\bar{p}$	23939	1	31308
23941	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^+D_1^-$	23940	1	31309
23942	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\omega\omega D^-D^{*+}$	23941	1	31310
23943	$e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^+$	23942	1	31311
23944	$e^+e^- \to \pi^0\pi^-K^+\eta'D^+D^-D^0$	23943	1	31312
23945	$e^+e^- \to \mu^-\bar{\nu}_\mu D_2^{*+}D_s^-D_1'^+$	23944	1	31313
23946	$e^+e^- \to K_L\bar{D}^{*-}\chi_{c0}a_1^+$	23945	1	31314
23947	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^0D^+D^{*+}\bar{D}^{*0}$	23946	1	31315
23948	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\bar{D}^{*-}D_1'^+$	23947	1	31316
23949	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^0D^+D^{*+}\bar{D}^0$	23948	1	31317
23950	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^+\bar{D}^0\bar{n}\Sigma_c^{*0}$	23949	1	31318
23951	$e^+e^- \to \pi^+\pi^-\pi^-K^{*+}D^0\eta_c$	635	1	31319
23952	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\omega D^{*+}D_0^{*-}$	23951	1	31320
23953	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^+K^-D^+\bar{D}^{*-}$	23952	1	31321
23954	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^+K^-D^{*+}\bar{D}^{*-}$	23953	1	31322
23955	$e^+e^- \to \mu^+\nu_\mu K^*D^-D^{*+}D_0^{*-}$	23954	1	31323
23956	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-K^-D^+D^{*+}n\bar{\Sigma}^+$	23955	1	31324
23957	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^+D^+\bar{D}^{*-}D^0$	23956	1	31325
23958	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{D}^{*-}D^0\bar{\Delta}^-\Delta^0$	23957	1	31326
23959	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^-\omega K^{*+}D^{*+}\bar{D}^{*-}$	23958	1	31327
23960	$e^+e^- \to \rho^0\pi^-\rho^-K^0D^+D^{*+}$	23959	1	31328
23961	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\eta_c$	23960	1	31329
23962	$e^+e^- \to e^-\bar{\nu}_e\pi^-\pi^-\pi^-D^+D^{*+}\bar{\Sigma}^+\Sigma^+$	23961	1	31330
23963	$e^+e^- \to \pi^-K^+D^+D^-D^{*+}D_s^-$	23962	1	31331
23964	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*0}$	23963	1	31332
23965	$e^+e^- \to \pi^+\eta\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	23964	1	31333
23966	$e^+e^- \to \pi^-\eta\bar{K}^0K^+K^+K^-D^{*+}\bar{D}^{*-}$	23965	1	31334
23967	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^*\bar{D}^{*-}\bar{\Delta}^+\Xi_c^+$	23966	1	31335
23968	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^-D^-$	23967	1	31336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
23969	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^+D^-\bar{\Delta}^-\Delta^-$	23968	1	31337
23970	$e^+e^- \to \pi^+\rho^-\eta D^{*+}n\bar{\Xi}_c'^-$	23969	1	31338
23971	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\omega D^-\bar{D}^{*-}\gamma$	23970	1	31339
23972	$e^+e^- \to e^+\nu_e\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	23971	1	31340
23973	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	23972	1	31341
23974	$e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}\bar{D}^{*0}$	23973	1	31342
23975	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^+D^-\bar{D}^0$	23974	1	31343
23976	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}D^{*+}\bar{D}^{*-}$	23975	1	31344
23977	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*0}$	23976	1	31345
23978	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}$	23977	1	31346
23979	$e^+e^- \to \pi^0\bar{K}^0K^*D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	23978	1	31347
23980	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta\omega D^+D^{*+}$	23979	1	31348
23981	$e^+e^- \to e^+\nu_eK^-D^{*+}D_2^{*-}\bar{D}^{*0}$	23980	1	31349
23982	$e^+e^- \to \rho^0\pi^+\rho^-\rho^-\bar{D}^0D_1'^+$	23981	1	31350
23983	$e^+e^- \to \pi^+\omega D^+D^-D_s^{*-}\gamma$	23982	1	31351
23984	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*K^*K^-\bar{p}\Lambda_c^+$	23983	1	31352
23985	$e^+e^- \to K^0D^-D^-D^{*+}D^{*+}$	23984	1	31353
23986	$e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^*K^+D^-\bar{D}^{*-}$	23985	1	31354
23987	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\eta\omega\omega D^+\bar{D}^{*-}$	23986	1	31355
23988	$e^+e^- \to \rho^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^+$	23987	1	31356
23989	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\omega\omega\omega\omega D^+D^-$	23988	1	31357
23990	$e^+e^- \to K_L\pi^+\pi^-D^-D_s^+\psi'$	23989	1	31358
23991	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^0\eta'D^+\bar{D}^{*0}$	23990	1	31359
23992	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-D_1^+$	23991	1	31360
23993	$e^+e^- \to \pi^0\pi^0\rho^+D^+\bar{D}^{*-}D_s^-$	2861	1	31361
23994	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}D^0\bar{D}^{*0}$	23993	1	31362
23995	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^{*+}n\bar{p}$	23994	1	31363
23996	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\phi D^-\bar{D}^{*-}D_s^{*+}$	23995	1	31364
23997	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^-D^{*0}$	23996	1	31365
23998	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta D^+D^-$	23997	1	31366
23999	$e^+e^- \to \rho^0\eta K^*K^*K^-D^+D^-D^{*+}$	23998	1	31367
24000	$e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*+}D_s^{*+}n\bar{p}$	23999	1	31368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24001	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*0}$	24000	1	31369
24002	$e^+e^- \to \rho^+D^-D^0D_s^+D_s^{*-}$	24001	1	31370
24003	$e^+e^- \to \pi^+\rho^-\omega\omega\bar{K}^0K^{*+}D^-D^{*0}$	24002	1	31371
24004	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta K^*K^-\eta' D^-D^{*+}$	24003	1	31372
24005	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^+D^-$	24004	1	31373
24006	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega\bar{K}^0\bar{D}^{*-}$	24005	1	31374
24007	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-}$	24006	1	31375
24008	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^+D^-$	24007	1	31376
24009	$e^+e^- \to \rho^0\pi^-\rho^+K^+K^{*-}D^-D^{*+}$	24008	1	31377
24010	$e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^0K^+K^+K^-D^-D^{*+}$	24009	1	31378
24011	$e^+e^- \to \pi^0\pi^-\rho^+K^*D^{*+}D^{*0}n\bar{\Delta}^+$	24010	1	31379
24012	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-}n\bar{p}$	24011	1	31380
24013	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^{*+}D^+D^-D^0$	24012	1	31381
24014	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0\bar{D}^{*-}\psi(3770)$	24013	1	31382
24015	$e^+e^- \to \rho^-\eta D^+D^-\bar{\Delta}^-\Delta^0$	24014	1	31383
24016	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\omega\omega\bar{K}^0K^+D^-D^{*+}$	24015	1	31384
24017	$e^+e^- \to \pi^+\rho^+\rho^-D^-\bar{D}^{*-}a_1^+$	24016	1	31385
24018	$e^+e^- \to \pi^0\eta D^-D^{*0}D_s^{*+}$	24017	1	31386
24019	$e^+e^- \to \rho^0\pi^+K^*\bar{K}^*D^-D^{*+}n\bar{p}$	2862	1	31387
24020	$e^+e^- \to \pi^0\pi^0\rho^0K^{*+}\bar{D}^{*-}D^{*0}D^{*0}$	24019	1	31388
24021	$e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}\bar{n}p$	24020	1	31389
24022	$e^+e^- \to \rho^0\pi^-\eta K^0\bar{K}^*D^+D^+\Delta^-\bar{n}$	24021	1	31390
24023	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^*D^+D^{*+}\bar{D}^{*0}$	24022	1	31391
24024	$e^+e^- \to \rho^+\bar{D}^{*-}D^0D_s^-D_s^{*+}$	24023	1	31392
24025	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	24024	1	31393
24026	$e^+e^- \to e^-\bar{\nu}_eK^0\bar{K}^0D^+D^-\bar{n}p$	24025	1	31394
24027	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta\omega D^{*+}D^0$	24026	1	31395
24028	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*-}D_{s1}'^+$	24027	1	31396
24029	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^0K^{*-}D^-D^0$	24028	1	31397
24030	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}n\bar{\Xi}_c'^-$	24029	1	31398
24031	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^*K^+K^-D^+D^{*+}\bar{D}^0$	24030	1	31399
24032	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-D^-D_0^{*+}$	24031	1	31400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24033	$e^+e^- \to \rho^- \bar{K}^0 \bar{K}^* K^{*+} \eta' \bar{\Delta}^0 \Sigma_c^{*0}$	24032	1	31401
24034	$e^+e^- \to \pi^0 \pi^- \omega\omega K^{*+} D^- D^{*+} D^0$	24033	1	31402
24035	$e^+e^- \to \rho^0 \rho^0 \pi^- \rho^+ \rho^- K^+ K^- D^+ \bar{D}^{*0}$	24034	1	31403
24036	$e^+e^- \to \bar{K}^0 K^* D^{*+} D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	24035	1	31404
24037	$e^+e^- \to \mu^+ \nu_\mu \pi^- K^{*+} \bar{D}^{*-} J/\psi$	24036	1	31405
24038	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^+ \pi^+ \eta' D^- D^0 D_s^{*-}$	24037	1	31406
24039	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \pi^- \rho^+ \bar{K}^0 D^- D_{s1}^+$	24038	1	31407
24040	$e^+e^- \to \pi^- \rho^+ \omega K^- K^{*+} D^{*+} \bar{D}^{*0} a_1^-$	24039	1	31408
24041	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^+ \pi^- \rho^- \eta D^- D^{*0}$	24040	1	31409
24042	$e^+e^- \to \mu^+ \nu_\mu X_u^- \pi^- \eta\eta' D^{*+}$	24041	1	31410
24043	$e^+e^- \to \rho^- \omega \bar{K}^* D^- D_s^{*+} D_{s1}'^+$	24042	1	31411
24044	$e^+e^- \to \pi^0 \rho^0 \pi^+ \omega D^- D^{*+} D_{s1}'^-$	24043	1	31412
24045	$e^+e^- \to \mu^+ \nu_\mu D^{*+} D_s^{*-} D_0^{*-}$	24044	1	31413
24046	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \pi^- \rho^+ \rho^- K^0 \bar{D}^{*-} J/\psi$	24045	1	31414
24047	$e^+e^- \to \pi^+ \pi^+ \pi^+ \rho^- \omega \bar{K}^0 D^- \bar{D}^{*-} D^{*0}$	24046	1	31415
24048	$e^+e^- \to \pi^+ \pi^- \rho^- \rho^- \eta D^+ D_1'^+$	24047	1	31416
24049	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \eta\omega D^+ \bar{D}^{*-} \bar{\Lambda} \Xi^{*-}$	24048	1	31417
24050	$e^+e^- \to \mu^+ \nu_\mu \pi^- \pi^- \omega D^+ \bar{D}^{*0}$	24049	1	31418
24051	$e^+e^- \to \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*-} D_s^{*+}$	24050	1	31419
24052	$e^+e^- \to e^+ \nu_e D_s^{*-} D_0^{*-} D_1'^+$	24051	1	31420
24053	$e^+e^- \to \tau^+ \nu_\tau D^- D_2^{*+} D_s^-$	24052	1	31421
24054	$e^+e^- \to \bar{K}^0 D^- D^- D^{*+} D^{*+}$	24053	1	31422
24055	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \rho^+ D^+ \bar{D}^{*-} p\bar{p}$	24054	1	31423
24056	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 D^+ n\bar{p} D_0^{*+}$	24055	1	31424
24057	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \rho^- \eta D^- \bar{D}^{*-} D_s^{*+}$	24056	1	31425
24058	$e^+e^- \to \tau^+ \nu_\tau K^+ \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	24057	1	31426
24059	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \pi^+ \eta\eta\omega D^+ D^-$	24058	1	31427
24060	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \rho^- K^0 K^* K^- K^- D^{*+} \bar{D}^{*-}$	24059	1	31428
24061	$e^+e^- \to \pi^0 \pi^0 K_2^{*0} K^+ \bar{D}^{*-} D^{*0} J/\psi$	24060	1	31429
24062	$e^+e^- \to \rho^- \omega K^{*+} K^{*-} D^{*+} D^0 \Delta^0 \bar{\Delta}^0$	24061	1	31430
24063	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^- \eta\omega\eta' D^+ \bar{D}^{*-}$	24062	1	31431
24064	$e^+e^- \to \pi^+ \pi^- \rho^- \eta D^+ D^+ D_s^{*-}$	24063	1	31432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24065	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega D^+\Delta^+\bar{\Sigma}_c^{*0}$	24064	1	31433
24066	$e^+e^- \to \pi^0\pi^+\eta\omega\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	24065	1	31434
24067	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$	24066	1	31435
24068	$e^+e^- \to e^+\nu_e\pi^-\eta D^+D^-\Sigma^0\bar{\Sigma}^0$	24067	1	31436
24069	$e^+e^- \to \pi^+\bar{D}^{*-}D^0D_s^-D_{s1}'^+$	24068	1	31437
24070	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\eta\omega\bar{K}^*\bar{D}^{*-}$	636	1	31438
24071	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	24070	1	31439
24072	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{D}^{*-}D^0D_{s1}'^+$	24071	1	31440
24073	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega K^0D^+\bar{D}^{*0}$	24072	1	31441
24074	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+D^-D^{*0}$	24073	1	31442
24075	$e^+e^- \to \pi^0\pi^+\eta K^*K^-D^+\bar{D}^{*-}$	24074	1	31443
24076	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-D^+D^{*+}$	24075	1	31444
24077	$e^+e^- \to \pi^0\pi^+\rho^+K^0\bar{K}^0K^-D^-D^-D^{*+}$	24076	1	31445
24078	$e^+e^- \to \rho^0\rho^0\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-$	24077	1	31446
24079	$e^+e^- \to \pi^0K^-p\bar{\Delta}^+\bar{\Sigma}_c^-\Sigma_c^{*++}$	24078	1	31447
24080	$e^+e^- \to \pi^-\eta K^{*-}D^{*+}\Delta^+\bar{\Xi}_c^{*0}$	24079	1	31448
24081	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+K^+\eta'D^-D^{*+}D^{*0}$	24080	1	31449
24082	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-D^-D^-$	24081	1	31450
24083	$e^+e^- \to \mu^+\nu_\mu\omega K^0\bar{K}^0K^{*+}D^-D^-$	24082	1	31451
24084	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{p}\bar{\Xi}_c'^0$	24083	1	31452
24085	$e^+e^- \to \pi^0\pi^-K^{*+}\bar{n}\Sigma^{*0}\bar{\Sigma}^{*-}\Sigma_c^+$	24084	1	31453
24086	$e^+e^- \to \pi^0\pi^-\omega K^0D^{*+}n\bar{\Sigma}_c^{*0}$	24085	1	31454
24087	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0\bar{K}^0\bar{K}^*D^{*+}$	24086	1	31455
24088	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+K^{*+}D^-\bar{D}^{*-}$	24087	1	31456
24089	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\bar{K}^0K^*D^+D_2^{*-}$	24088	1	31457
24090	$e^+e^- \to e^+\nu_eX_u^-\pi^-\bar{n}\Xi_c'^+$	24089	1	31458
24091	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta\omega K^*K^-D^+D^+$	24090	1	31459
24092	$e^+e^- \to \pi^0\pi^0\pi^+K^{*-}n\bar{\Sigma}^{*0}\Lambda_c^+\bar{\Sigma}_c^-$	24091	1	31460
24093	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-\chi_{c0}$	24092	1	31461
24094	$e^+e^- \to \rho^0\pi^+\pi^-K^0K^+K^-\phi D^-\bar{\Delta}^+\Sigma_c^{++}$	24093	1	31462
24095	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\bar{K}^*\bar{D}^{*-}$	24094	1	31463
24096	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+\rho^-K^0\bar{K}^0K^{*-}D^-$	24095	1	31464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24097	$e^+e^- \to e^+\nu_e\pi^0\eta K^0K^-D^+\bar{D}^{*-}$	24096	1	31465
24098	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^{*0}D_s^-$	24097	1	31466
24099	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-}$	24098	1	31467
24100	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^+K^-D^-D^{*+}$	24099	1	31468
24101	$e^+e^- \to \mu^+\nu_\mu\rho^-D^-\bar{\Delta}^0\Xi_c^{*+}$	24100	1	31469
24102	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{K}^0K^-D_s^{*+}D_1^-$	24101	1	31470
24103	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*-}$	24102	1	31471
24104	$e^+e^- \to \pi^0\pi^+\pi^+\eta K^*K^*K^-K^{*-}D^-D^{*+}$	24103	1	31472
24105	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\omega D^+D^-$	24104	1	31473
24106	$e^+e^- \to \pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}a_1^+$	24105	1	31474
24107	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+n\bar{\Xi}_c^-$	24106	1	31475
24108	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*0}n\bar{\Lambda}$	24107	1	31476
24109	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^*K^-D^{*+}\bar{D}^{*-}$	24108	1	31477
24110	$e^+e^- \to \pi^+\rho^+\rho^-\eta K^-D^-D_s^+$	24109	1	31478
24111	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*0}$	24110	1	31479
24112	$e^+e^- \to \pi^+\eta D^+\bar{D}^{*-}D_s^-$	24111	1	31480
24113	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}D_s^+$	24112	1	31481
24114	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta\bar{D}^{*-}D_1^+$	24113	1	31482
24115	$e^+e^- \to \pi^0\rho^0\pi^+K^0K^0K^-D^{*+}\bar{D}^{*-}$	24114	1	31483
24116	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\eta\bar{K}^*K^+\bar{D}^0D_1^+$	24115	1	31484
24117	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega\bar{K}^0D^-\bar{D}^0$	24116	1	31485
24118	$e^+e^- \to \pi^0\rho^0\pi^-\eta'D^+D^-\bar{n}p$	24117	1	31486
24119	$e^+e^- \to \pi^0\pi^0\rho^+K^0D^-\bar{D}^{*-}D^0D_s^{*+}$	24118	1	31487
24120	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}$	24119	1	31488
24121	$e^+e^- \to \pi^+\eta K^0\bar{K}^0D^-D^{*+}D_s^{*-}$	24120	1	31489
24122	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^0D^{*+}\chi_{c2}$	24121	1	31490
24123	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\eta D^-D_1^+$	24122	1	31491
24124	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^{*-}$	24123	1	31492
24125	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\eta K^+D^+\bar{D}^{*-}D^{*0}$	24124	1	31493
24126	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}n\bar{p}$	24125	1	31494
24127	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^+\omega D^-\bar{D}^{*-}\bar{n}\Delta^+$	24126	1	31495
24128	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\bar{K}^0D^-D^{*+}$	24127	1	31496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24129	$e^+e^- \to \pi^+\pi^-\rho^+K^0K^-\bar{D}^0\eta_c$	24128	1	31497
24130	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta\bar{K}^*D^+\bar{D}^{*-}$	637	1	31498
24131	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^0D^+D_s^{*-}\psi'$	24130	1	31499
24132	$e^+e^- \to \pi^0\pi^-\omega\omega K^{*-}D^+D^+\bar{D}^{*0}$	24131	1	31500
24133	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^0D^0\bar{D}^{*0}$	24132	1	31501
24134	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega\omega D^+D^-\bar{\Delta}^-\Delta^-$	24133	1	31502
24135	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\phi D^{*+}\bar{D}^{*-}D_s^+$	24134	1	31503
24136	$e^+e^- \to \pi^+\pi^-\pi^-K^0K^0\bar{K}^0K^-D^{*+}D^{*+}\bar{D}^0$	24135	1	31504
24137	$e^+e^- \to \rho^-\rho^-\eta\omega D^{*+}D^{*+}p\bar{p}$	24136	1	31505
24138	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	24137	1	31506
24139	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+\bar{D}^{*-}D^0$	24138	1	31507
24140	$e^+e^- \to e^-\bar{\nu}_eD^+J/\psi K_1^0$	24139	1	31508
24141	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\omega D^+D^-\bar{D}^{*0}$	24140	1	31509
24142	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	24141	1	31510
24143	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^-K^+D^{*+}D_s^-$	24142	1	31511
24144	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	24143	1	31512
24145	$e^+e^- \to \pi^+K^0D^-D^{*+}n\bar{\Sigma}_c^-$	2865	1	31513
24146	$e^+e^- \to \pi^0\pi^0\rho^-K^0D^{*+}D^{*0}\bar{D}^{*0}$	24145	1	31514
24147	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	24146	1	31515
24148	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta\bar{K}^0K^{*+}D^-D^{*+}$	24147	1	31516
24149	$e^+e^- \to \pi^-\eta K_SD^+\chi_{c1}$	24148	1	31517
24150	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0D_s^+$	24149	1	31518
24151	$e^+e^- \to \pi^-\rho^+\rho^-D^+D_2^{*-}D_s^{*+}$	24150	1	31519
24152	$e^+e^- \to \pi^+\pi^-\omega K^0K^{*-}D^-D^{*+}D_s^{*+}$	24151	1	31520
24153	$e^+e^- \to \pi^0\rho^+\rho^-\eta K^+K^-D^+\bar{D}^{*-}\gamma$	24152	1	31521
24154	$e^+e^- \to \pi^0\pi^-\rho^+\eta\eta\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	24153	1	31522
24155	$e^+e^- \to \pi^+\pi^-\pi^-K^0D^{*0}\bar{D}^{*0}\bar{n}\Sigma_c^+$	24154	1	31523
24156	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-}$	24155	1	31524
24157	$e^+e^- \to \rho^0K^0\bar{K}^0K^{*-}D^{*+}\eta_c$	24156	1	31525
24158	$e^+e^- \to \rho^0K^0K^+K^+K^-K^-D^+p\bar{\Sigma}_c^{--}$	24157	1	31526
24159	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega\bar{D}^{*-}D^{*0}$	24158	1	31527
24160	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^{*0}n\bar{\Lambda}_c^-$	24159	1	31528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24161	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^-p\bar{p}D_0^{*+}$	24160	1	31529
24162	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-K^+\bar{D}^{*-}D_1'^-$	24161	1	31530
24163	$e^+e^- \to \pi^+\eta K^*D^-\bar{n}\Xi_c'^0$	24162	1	31531
24164	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\rho^-D^-D^-$	24163	1	31532
24165	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0\eta'D^{*+}\bar{D}^0$	24164	1	31533
24166	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^+D^+\bar{D}^{*-}$	24165	1	31534
24167	$e^+e^- \to e^+\nu_e\pi^+D^-D^{*0}\bar{p}\Lambda$	24166	1	31535
24168	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*K^-D^{*+}D^{*+}$	24167	1	31536
24169	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\eta'D^{*+}D_{s1}'^-$	24168	1	31537
24170	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	24169	1	31538
24171	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^-\rho^+\eta D^{*0}$	24170	1	31539
24172	$e^+e^- \to e^+\nu_e\bar{K}^0D^+\bar{D}^{*-}D_2^{*-}$	24171	1	31540
24173	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta K^+K^{*-}D^-D^{*+}$	24172	1	31541
24174	$e^+e^- \to \eta D^+\bar{D}^{*-}\bar{n}\Delta^0p\bar{p}$	24173	1	31542
24175	$e^+e^- \to \pi^+\eta D^+\bar{D}^{*-}D_{s1}'^-$	24174	1	31543
24176	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\rho^-\eta D_1^+$	638	1	31544
24177	$e^+e^- \to \omega D^-\bar{\Delta}^-\Delta^0\bar{\Delta}^+\Lambda_c^+$	24176	1	31545
24178	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^+\bar{D}^{*-}a_1^+\gamma$	24177	1	31546
24179	$e^+e^- \to \pi^0\pi^+K^*K^*\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	24178	1	31547
24180	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{p}\Lambda$	24179	1	31548
24181	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-D^-D^{*+}\bar{n}p$	24180	1	31549
24182	$e^+e^- \to \rho^+\rho^-\rho^-\bar{K}^0K^+D^+D^-$	24181	1	31550
24183	$e^+e^- \to e^-\bar{\nu}_eK^0D^+D_s^+D_s^-$	24182	1	31551
24184	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}\bar{n}p$	24183	1	31552
24185	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^+D^-$	24184	1	31553
24186	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	24185	1	31554
24187	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\omega\omega D^+\bar{D}^{*-}$	24186	1	31555
24188	$e^+e^- \to \rho^0\rho^-\omega K^*D^+D^{*+}\bar{D}^{*-}$	2867	1	31556
24189	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	24188	1	31557
24190	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-\omega\omega D^-D^{*+}$	24189	1	31558
24191	$e^+e^- \to K^{*+}D^{*+}\bar{D}^{*-}D^0D_s^-$	24190	1	31559
24192	$e^+e^- \to \rho^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^0p\bar{\Delta}^{++}$	24191	1	31560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24193	$e^+e^- \to \pi^-\pi^-\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*0}D_s^{*+}$	24192	1	31561
24194	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D_s^+D_1^+$	24193	1	31562
24195	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^-D^{*+}$	24194	1	31563
24196	$e^+e^- \to \rho^-D^{*+}D^0n\bar{\Delta}^0$	24195	1	31564
24197	$e^+e^- \to \pi^+\rho^+\rho^-\eta K^-\bar{D}^{*-}D_s^{*+}$	24196	1	31565
24198	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^-D^+D_s^+D_s^{*-}p\bar{p}$	24197	1	31566
24199	$e^+e^- \to \pi^+\pi^-\rho^-K^*D^{*+}D_s^+D_s^{*-}$	24198	1	31567
24200	$e^+e^- \to \rho^-K^+D^+D^0\bar{D}^{*0}a_1^-$	2868	1	31568
24201	$e^+e^- \to \pi^+\pi^-K^{*-}\bar{D}^0D_s^+J/\psi$	24200	1	31569
24202	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0}$	24201	1	31570
24203	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}a_1^-$	24202	1	31571
24204	$e^+e^- \to \rho^-\eta\omega K^+K^+K^-\eta'\bar{D}^0\bar{D}^0$	24203	1	31572
24205	$e^+e^- \to \rho^+K^{*-}D^+D^-$	24204	1	31573
24206	$e^+e^- \to \pi^0\pi^0\eta K^+K^-D^+\bar{D}^{*-}p\bar{\Lambda}_c^-$	639	1	31574
24207	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{D}^{*-}D^0$	24206	1	31575
24208	$e^+e^- \to K^0\bar{K}^0D^-D^{*+}\eta_c$	24207	1	31576
24209	$e^+e^- \to e^+\nu_eX_u^-\bar{D}^{*-}a_1^+\gamma$	24208	1	31577
24210	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c1}$	24209	1	31578
24211	$e^+e^- \to K^0K^-D^+D_2^{*-}D_s^{*+}$	24210	1	31579
24212	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta D^0\bar{D}^0D_s^{*-}\Sigma^+\bar{\Sigma}^-$	24211	1	31580
24213	$e^+e^- \to e^-\bar{\nu}_e\pi^+D_2^{*-}D^0D_s^+$	24212	1	31581
24214	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-K^+K^-D^-D^{*+}$	24213	1	31582
24215	$e^+e^- \to \rho^0\pi^-\pi^-\bar{K}^0K^{*+}D^-D^{*+}\bar{n}p$	24214	1	31583
24216	$e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}a_1^+$	24215	1	31584
24217	$e^+e^- \to e^-\bar{\nu}_eK^-D^+\bar{D}^{*0}D_1^+$	24216	1	31585
24218	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}$	24217	1	31586
24219	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^*K^-D^{*+}\chi_{c1}$	2870	1	31587
24220	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0D^+\bar{D}^{*-}$	24219	1	31588
24221	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-n\bar{n}$	24220	1	31589
24222	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0K^{*-}D^+D^-$	24221	1	31590
24223	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0\bar{K}^0D^-\bar{D}^{*-}D_s^+$	24222	1	31591
24224	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-}p\bar{p}$	24223	1	31592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24225	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^*\eta' D^- D^{*+}\bar{D}^{*-}$	24224	1	31593
24226	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^{*+}$	24225	1	31594
24227	$e^+e^- \to \pi^0\rho^+K^-D^-D^{*+}\bar{D}^{*0}$	24226	1	31595
24228	$e^+e^- \to \rho^-K^-K^{*+}D^+D^{*+}D'^-_{s1}$	24227	1	31596
24229	$e^+e^- \to \pi^0\pi^0\rho^0D^-\bar{D}^{*-}\bar{n}pD'^+_{s1}$	24228	1	31597
24230	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D_2^{*-}D^0$	24229	1	31598
24231	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\phi\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	24230	1	31599
24232	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^{*0}$	24231	1	31600
24233	$e^+e^- \to \pi^-K^+D^+D^0\bar{D}^0D_s^{*-}\gamma$	24232	1	31601
24234	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D_0^{*+}D'^-_1$	24233	1	31602
24235	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-D^+D^{*+}p\bar{p}$	24234	1	31603
24236	$e^+e^- \to e^+\nu_e\pi^+K^{*-}D_2^{*-}\bar{D}^0D^{*0}$	2871	1	31604
24237	$e^+e^- \to \pi^+\pi^-K^*D^+D^+D^-D_s^{*-}$	24236	1	31605
24238	$e^+e^- \to e^+\nu_e\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{\Lambda}$	24237	1	31606
24239	$e^+e^- \to \pi^+\eta K^-\eta' D^+D^-\bar{D}^{*0}$	24238	1	31607
24240	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\eta' D^-D^{*+}$	24239	1	31608
24241	$e^+e^- \to \pi^0\pi^0K^{*+}D^-D^{*+}D^0a_1^-$	24240	1	31609
24242	$e^+e^- \to \pi^0\rho^+K^{*-}D^-D^{*+}\bar{D}^{*0}$	24241	1	31610
24243	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^{*+}K^{*-}D^{*+}\bar{D}^{*-}D^0$	24242	1	31611
24244	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-K^*\bar{K}^*D^{*+}\bar{D}^0$	24243	1	31612
24245	$e^+e^- \to \pi^0\pi^0\pi^-\eta\bar{K}^0D^+D^{*+}\bar{D}^{*0}n\bar{p}$	24244	1	31613
24246	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^0D_s^+$	24245	1	31614
24247	$e^+e^- \to \rho^0\rho^0\rho^0\pi^-\pi^-K^+D^+D^0\bar{D}^{*0}$	24246	1	31615
24248	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\bar{K}^*D^0\bar{D}^0$	24247	1	31616
24249	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{--}$	24248	1	31617
24250	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\omega p\bar{\Sigma}_c^-$	24249	1	31618
24251	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+K^-D^+D^{*+}$	24250	1	31619
24252	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^0D^+\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^{++}$	24251	1	31620
24253	$e^+e^- \to e^+\nu_e\eta K^0K^{*-}D^+\bar{D}^{*-}$	24252	1	31621
24254	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-K^+D^-D^{*+}\bar{D}^0$	24253	1	31622
24255	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0D^{*0}\bar{\Delta}^+\Sigma_c^0$	24254	1	31623
24256	$e^+e^- \to \rho^0\pi^-\eta\omega K^*K^-D^+D^{*+}$	24255	1	31624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24257	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^*K^+K^-D^+$	24256	1	31625
24258	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\eta K^0\bar{K}^0D^+D^-$	24257	1	31626
24259	$e^+e^- \to K^+D^-D^{*+}D^0\Delta^-\bar{n}$	24258	1	31627
24260	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^+D^{*+}D_s^-$	24259	1	31628
24261	$e^+e^- \to \pi^-\rho^-K^+D^{*+}J/\psi$	24260	1	31629
24262	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega\bar{K}^0K^+D^-$	24261	1	31630
24263	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\bar{K}^0D^{*+}J/\psi$	24262	1	31631
24264	$e^+e^- \to \pi^0\pi^-K^+K^-K^-D^+\bar{\Delta}^+\Sigma_c^{++}$	24263	1	31632
24265	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\eta D^-\bar{D}^{*0}$	24264	1	31633
24266	$e^+e^- \to \pi^+\pi^-\rho^-D^+D^-D_s^{*+}$	24265	1	31634
24267	$e^+e^- \to D^-\bar{D}^0\bar{\Delta}^0\bar{p}\Delta^+\Delta^+$	24266	1	31635
24268	$e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{K}^0K^*\bar{D}^{*-}\eta_c$	24267	1	31636
24269	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\rho^+\eta D^{*0}\bar{D}^{*0}$	24268	1	31637
24270	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\eta D^+\bar{D}^{*-}$	24269	1	31638
24271	$e^+e^- \to K^*K^*K^-D^+\psi'$	24270	1	31639
24272	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}n\bar{p}$	24271	1	31640
24273	$e^+e^- \to \mu^+\nu_\mu\rho^0\eta D^0D_1'^-$	24272	1	31641
24274	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{D}^{*-}D^{*0}n\bar{\Delta}^0$	24273	1	31642
24275	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	24274	1	31643
24276	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^+\bar{D}^0D^{*0}D_s^-$	24275	1	31644
24277	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^+D^0\bar{\Sigma}^{*+}\Sigma^0$	24276	1	31645
24278	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+$	24277	1	31646
24279	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\eta D^+D^{*+}\Delta^0\bar{p}$	24278	1	31647
24280	$e^+e^- \to \pi^-\eta\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0}$	24279	1	31648
24281	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\omega K^+D^+D^{*+}\bar{D}^{*-}$	24280	1	31649
24282	$e^+e^- \to \rho^0\rho^+\rho^-D^+D^-\bar{p}\Delta^+$	24281	1	31650
24283	$e^+e^- \to e^+\nu_e\bar{K}^*D^+\bar{D}^{*-}D_1'^-$	24282	1	31651
24284	$e^+e^- \to \rho^-K^0K^0\bar{K}^0D^{*+}D^0\bar{D}^{*0}$	24283	1	31652
24285	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0D^+D^-D^0$	24284	1	31653
24286	$e^+e^- \to \rho^-K^+K^{*-}\bar{D}^{*-}\bar{n}pD_1'^+$	2872	1	31654
24287	$e^+e^- \to e^+\nu_eK^0\bar{K}^*K^{*-}D^+D^-$	24286	1	31655
24288	$e^+e^- \to \pi^0K^0\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{\Sigma}_c^{*0}$	24287	1	31656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24289	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-K^+\eta' D^{*+}\bar{D}^0$	24288	1	31657
24290	$e^+e^- \to \pi^-\rho^-K^+D^+\chi_{c2}$	24289	1	31658
24291	$e^+e^- \to \pi^0\pi^-\rho^+\eta D^-D^0D_s^+$	24290	1	31659
24292	$e^+e^- \to \rho^0K^0K^-D^-D^{*+}D_s^+$	24291	1	31660
24293	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}$	24292	1	31661
24294	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega\bar{K}^*K^+D^-\bar{\Sigma}^-\Xi^-$	24293	1	31662
24295	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+D^-$	24294	1	31663
24296	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}D_2^{*+}D_s^{*-}$	24295	1	31664
24297	$e^+e^- \to \pi^+K^0K^0\bar{K}^0D^-D^0\bar{D}^{*0}$	24296	1	31665
24298	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^+\eta D^-\bar{D}^{*-}$	24297	1	31666
24299	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^*K^+D^-D^0$	24298	1	31667
24300	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^0\Delta^+\bar{\Lambda}_c^-$	24299	1	31668
24301	$e^+e^- \to \rho^0\pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}p\bar{p}$	24300	1	31669
24302	$e^+e^- \to \rho^0\rho^+\rho^+\bar{K}^0D^-\bar{D}^{*-}$	24301	1	31670
24303	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\omega\omega D^-D^-$	24302	1	31671
24304	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	24303	1	31672
24305	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^+D^-D^-D^0D^{*0}$	24304	1	31673
24306	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+D_0^{*-}$	24305	1	31674
24307	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\eta\bar{K}^0K^*D^+\bar{D}^{*-}$	24306	1	31675
24308	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^*K^*D^{*0}\bar{D}^{*0}\bar{\Delta}^0\Lambda$	24307	1	31676
24309	$e^+e^- \to \pi^0\rho^-\rho^-K^0\bar{K}^0D^+D^+\gamma$	640	1	31677
24310	$e^+e^- \to \rho^0\pi^-\bar{K}^0D^-D^{*+}D_s^+$	24309	1	31678
24311	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^0n\bar{n}$	24310	1	31679
24312	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\bar{K}^0K^*\bar{K}^*K^+D^+D^0$	24311	1	31680
24313	$e^+e^- \to \pi^0\rho^+K^0K^{*-}D^-D^{*+}$	24312	1	31681
24314	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\Delta^-\bar{\Delta}^0p\bar{p}$	2874	1	31682
24315	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0D^+\bar{D}^{*-}$	24314	1	31683
24316	$e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^0D_s^+$	24315	1	31684
24317	$e^+e^- \to \pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{p}\Lambda_c^+$	24316	1	31685
24318	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0K^0\bar{K}^0D^-D^{*+}$	24317	1	31686
24319	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-D^-D^{*+}\gamma$	24318	1	31687
24320	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*0}D_{s1}'^+$	24319	1	31688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24321	$e^+e^- \to \pi^0\eta K^0 D^{*+}\bar{D}^{*-}\bar{D}^0$	24320	1	31689
24322	$e^+e^- \to \pi^+\rho^+\bar{K}^0 D^-\bar{D}^{*-}D^0\gamma$	24321	1	31690
24323	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-\bar{D}^{*-}D_1^+$	24322	1	31691
24324	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^0K^-\bar{D}^{*-}D^0\Delta^{++}\bar{\Delta}^{++}$	24323	1	31692
24325	$e^+e^- \to \pi^+D^0\bar{D}^0D_s^-n\bar{n}$	24324	1	31693
24326	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	2875	1	31694
24327	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+}$	2876	1	31695
24328	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-D^-D^-D_s^{*+}$	24327	1	31696
24329	$e^+e^- \to \rho^0\pi^+\rho^+\rho^-D^+D^-\Sigma^0\bar{\Sigma}^-$	24328	1	31697
24330	$e^+e^- \to \pi^-D^-D^{*+}\bar{p}\Delta^+a_1^+$	24329	1	31698
24331	$e^+e^- \to \rho^0\omega K^0D^+D^-D^{*+}\bar{D}^{*-}$	24330	1	31699
24332	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^+D_{s1}'^-$	24331	1	31700
24333	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^+\bar{D}^{*-}D_1'^+$	24332	1	31701
24334	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}\Sigma^+\bar{\Sigma}^-$	24333	1	31702
24335	$e^+e^- \to e^+\nu_e\pi^-K_2^{*0}\bar{D}^{*0}J/\psi$	24334	1	31703
24336	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^0K^0K^-D^0D_s^+D_s^-$	24335	1	31704
24337	$e^+e^- \to \rho^-\bar{K}^*K^+K^{*-}D^+\bar{D}^0$	24336	1	31705
24338	$e^+e^- \to \pi^0\rho^-\omega K^0D^+D^-D^{*+}$	24337	1	31706
24339	$e^+e^- \to K^+K^-K^-D^{*+}D_2^{*-}D_s^{*+}$	24338	1	31707
24340	$e^+e^- \to \pi^-\rho^+\omega K^0\bar{K}^*D^+\bar{D}^{*-}$	24339	1	31708
24341	$e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D_1^-$	24340	1	31709
24342	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*0}$	24341	1	31710
24343	$e^+e^- \to \rho^+D^{*+}D_1'^-D_{s1}'^-\gamma$	24342	1	31711
24344	$e^+e^- \to e^-\bar{\nu}_eK^+D^{*+}\Delta^0\bar{\Sigma}_c^-$	24343	1	31712
24345	$e^+e^- \to \pi^0\pi^-\omega\omega\bar{K}^*K^{*+}D^-D^{*+}n\bar{n}$	24344	1	31713
24346	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^+\bar{D}^{*-}$	24345	1	31714
24347	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	24346	1	31715
24348	$e^+e^- \to \mu^+\nu_\mu\omega D^+D^-p\bar{\Delta}^{++}$	24347	1	31716
24349	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^+D^-$	24348	1	31717
24350	$e^+e^- \to K^-D^-D^{*+}\bar{D}^0\bar{n}p$	24349	1	31718
24351	$e^+e^- \to \omega D^{*+}\bar{D}^{*-}D_s^+a_1^-$	24350	1	31719
24352	$e^+e^- \to \pi^+\omega\eta' D^+D^-D_s^{*-}$	24351	1	31720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24353	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^-D^-D_s^+$	24352	1	31721
24354	$e^+e^- \to \pi^+\pi^+\bar{K}^0K^*K^+K^-D^-D^-$	24353	1	31722
24355	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{K}^0K^+K^-D^{*+}D^{*0}$	24354	1	31723
24356	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*D^{*+}J/\psi$	24355	1	31724
24357	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^0$	24356	1	31725
24358	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^0K^-D^{*+}\bar{D}^{*-}$	24357	1	31726
24359	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\bar{D}^0D_1^+$	24358	1	31727
24360	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^-D_s^+D_1^+$	24359	1	31728
24361	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0D^+D^-D^{*0}$	24360	1	31729
24362	$e^+e^- \to \pi^-K^+D^{*0}p\bar{\Delta}^+\chi_{c1}$	24361	1	31730
24363	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\omega\omega K^-\bar{D}^{*-}D_s^{*+}$	24362	1	31731
24364	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-K^0K^0\bar{K}^0\bar{K}^*D^+$	24363	1	31732
24365	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^-D^0\bar{\Delta}^0\Sigma_c^+$	24364	1	31733
24366	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega K^0K^0\bar{K}^0K^{*-}D^+D^-$	24365	1	31734
24367	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^{*-}D^{*+}\bar{D}^{*-}$	24366	1	31735
24368	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0K^+K^-D^{*0}\bar{D}^{*0}$	24367	1	31736
24369	$e^+e^- \to \omega K^0K^{*-}D^+\bar{D}^{*-}D_s^+$	24368	1	31737
24370	$e^+e^- \to \rho^0\pi^+\pi^+\eta\eta K^{*-}\bar{D}^{*-}$	24369	1	31738
24371	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-K^0D^{*+}D_s^-$	24370	1	31739
24372	$e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{\Delta}^0\Sigma_c^0$	24371	1	31740
24373	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0}D_s^{*-}$	24372	1	31741
24374	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0K^+\phi\bar{D}^{*-}\bar{D}^{*-}$	24373	1	31742
24375	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	24374	1	31743
24376	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-D^-D^{*+}n\bar{\Delta}^+$	24375	1	31744
24377	$e^+e^- \to e^-\bar{\nu}_eD^-\bar{\Delta}^0\Delta^+D_0^{*+}$	24376	1	31745
24378	$e^+e^- \to \pi^0\rho^0\pi^+K^*K^-D^-D^{*+}$	24377	1	31746
24379	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-J/\psi$	24378	1	31747
24380	$e^+e^- \to K_L\pi^-K^+J/\psi\chi_{c1}$	24379	1	31748
24381	$e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0K^-\bar{D}^{*-}\chi_{c1}$	24380	1	31749
24382	$e^+e^- \to \rho^+\rho^-K^{*+}D^+D^-n\bar{p}$	24381	1	31750
24383	$e^+e^- \to K^0D^{*+}\eta_ca_1^-\gamma$	24382	1	31751
24384	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^{*-}D^+\bar{D}^{*-}n\bar{\Delta}^0$	24383	1	31752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24385	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta D^{*+}D^0$	24384	1	31753
24386	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\omega D^{*+}D_1^+$	24385	1	31754
24387	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0K^-D^{*+}D^{*+}a_1^-$	24386	1	31755
24388	$e^+e^- \to \rho^-D^+D^-D_{s1}'^+\gamma$	24387	1	31756
24389	$e^+e^- \to \pi^0\pi^+\pi^-K^+K^-\bar{D}^{*-}D^0D_s^+$	24388	1	31757
24390	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega\omega D^-D^{*+}$	24389	1	31758
24391	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+D^+D^-\Delta^0\bar{p}$	24390	1	31759
24392	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}D^0n\bar{\Delta}^0$	24391	1	31760
24393	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\bar{K}^0D^-n\bar{n}\psi(3770)$	24392	1	31761
24394	$e^+e^- \to \rho^-D^+D_2^{*-}D_s^{*+}\gamma$	24393	1	31762
24395	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D_s^{*+}D_1^+$	24394	1	31763
24396	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*+}n\bar{n}$	24395	1	31764
24397	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-D^-D^{*+}\bar{\Delta}^-p$	24396	1	31765
24398	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-D^+D^{*+}$	24397	1	31766
24399	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^0D^+D^{*0}\bar{D}^{*0}$	24398	1	31767
24400	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^*D^+\Delta^+\bar{\Xi}_c'^-$	24399	1	31768
24401	$e^+e^- \to \pi^+K^0D^-D^{*+}D^0a_1^-$	24400	1	31769
24402	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega\omega\bar{K}^0K^+D^+D^-$	24401	1	31770
24403	$e^+e^- \to \mu^+\nu_\mu\rho^0D^-D^0$	24402	1	31771
24404	$e^+e^- \to e^+\nu_eX_u^-\pi^0\omega K^-K^{*+}D^{*0}$	24403	1	31772
24405	$e^+e^- \to \pi^+\eta K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	24404	1	31773
24406	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	24405	1	31774
24407	$e^+e^- \to K_S\bar{D}^{*-}\eta_ca_1^+$	24406	1	31775
24408	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*0}$	24407	1	31776
24409	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K_S\eta'D^-\eta_c$	24408	1	31777
24410	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	24409	1	31778
24411	$e^+e^- \to \rho^0\eta K^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}$	2877	1	31779
24412	$e^+e^- \to \pi^0\pi^0\rho^0D^+\bar{D}^{*0}D_s^{*-}\bar{n}\Delta^0\gamma$	24411	1	31780
24413	$e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^0D^-D^-\bar{\Sigma}^0\Sigma^+$	24412	1	31781
24414	$e^+e^- \to e^+\nu_eX_u^-\pi^0\rho^0\rho^-\bar{K}^0D^+$	24413	1	31782
24415	$e^+e^- \to \pi^0\pi^+\rho^-\omega K^+\bar{D}^{*-}D^0D^{*0}$	24414	1	31783
24416	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^*D^+J/\psi$	24415	1	31784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24417	$e^+e^- \to \rho^0\pi^-\omega\omega D^+\bar{D}^{*-}D_s^+\gamma$	24416	1	31785
24418	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\omega D^+D^-$	24417	1	31786
24419	$e^+e^- \to e^+\nu_e\pi^+\rho^-\omega D^-D^{*0}$	24418	1	31787
24420	$e^+e^- \to \rho^0\pi^-\pi^-\eta K^0D^+D^{*+}\bar{D}^{*-}\bar{n}p$	24419	1	31788
24421	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega D^+\bar{D}^{*-}n\bar{n}$	24420	1	31789
24422	$e^+e^- \to \pi^0\pi^0\omega K^0K^*\bar{K}^*K^-D^{*+}J/\psi$	641	1	31790
24423	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	24422	1	31791
24424	$e^+e^- \to \pi^+\rho^+\eta K^0\bar{K}^*K^-K^-D^-D^{*+}$	24423	1	31792
24425	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-\rho^+\eta D^{*+}$	24424	1	31793
24426	$e^+e^- \to \pi^0\pi^+\omega K^+\bar{D}^{*-}n\bar{p}$	24425	1	31794
24427	$e^+e^- \to \pi^+\rho^+\rho^-K^0K^-D^-D^{*+}$	24426	1	31795
24428	$e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^*K^-D^-D^{*+}n\bar{p}$	24427	1	31796
24429	$e^+e^- \to D^-\bar{D}^{*-}D_s^{*+}a_1^+$	24428	1	31797
24430	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\eta\bar{K}^0\bar{K}^*K^+D^+D^{*+}\bar{D}^{*-}$	24429	1	31798
24431	$e^+e^- \to \pi^0\eta\eta\bar{K}^0\bar{K}^*K^+D^+D^-D^-$	24430	1	31799
24432	$e^+e^- \to e^+\nu_e\pi^-D^+D_2^{*-}\bar{\Delta}^-\Delta^-$	24431	1	31800
24433	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	24432	1	31801
24434	$e^+e^- \to \pi^+\eta K^-D^+\bar{D}^{*-}\bar{D}^0$	24433	1	31802
24435	$e^+e^- \to \pi^0\bar{D}^{*-}D_s^{*+}\bar{\Delta}^0\Sigma_c^0$	24434	1	31803
24436	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^-D^{*+}D_s^{*-}$	24435	1	31804
24437	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^+D^+$	24436	1	31805
24438	$e^+e^- \to \pi^0K^*K^-D^{*+}\bar{D}^{*-}D_s^+$	24437	1	31806
24439	$e^+e^- \to \rho^0\eta\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	24438	1	31807
24440	$e^+e^- \to \bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\eta_c$	24439	1	31808
24441	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^-\bar{D}^0D_s^+n\bar{n}$	24440	1	31809
24442	$e^+e^- \to \rho^0\bar{D}^{*-}\bar{n}\Xi_c^0a_1^+$	24441	1	31810
24443	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	24442	1	31811
24444	$e^+e^- \to \pi^-D_2^{*+}\bar{D}^0D_s^+D_s^{*-}$	24443	1	31812
24445	$e^+e^- \to \pi^-K^+K^{*-}D^+np\bar{p}\bar{\Xi}_c'^0$	24444	1	31813
24446	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta'D^{*+}D^{*+}$	24445	1	31814
24447	$e^+e^- \to \rho^+\eta\eta D^+D^-D_s^{*-}$	24446	1	31815
24448	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-}$	24447	1	31816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24449	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^0K^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	24448	1	31817
24450	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-\rho^-D^{*+}$	24449	1	31818
24451	$e^+e^- \to e^+\nu_e\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	24450	1	31819
24452	$e^+e^- \to e^+\nu_e\rho^0K^{*-}\bar{D}^{*-}D_s^+$	24451	1	31820
24453	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\bar{K}^*D^-\bar{D}^{*0}$	24452	1	31821
24454	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*0}$	24453	1	31822
24455	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0\bar{K}^0K^+D^{*0}D_1^-$	24454	1	31823
24456	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega D^-D^-$	24455	1	31824
24457	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\omega\omega D^+\bar{D}^{*-}$	24456	1	31825
24458	$e^+e^- \to \pi^0\pi^-K^*\bar{D}^0D_s^+\psi'$	24457	1	31826
24459	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^+\Delta^+\bar{\Sigma}_c^-$	24458	1	31827
24460	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\omega K^0\bar{K}^0K^-K^{*+}\bar{D}^{*-}D^0$	24459	1	31828
24461	$e^+e^- \to \pi^0\rho^-\eta\omega\bar{D}^0D_s^+\eta_c$	24460	1	31829
24462	$e^+e^- \to \rho^+\bar{K}^*\eta'\bar{D}^{*-}D^0\bar{D}^0$	24461	1	31830
24463	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\eta\bar{K}^0K^+D^-D^{*+}$	24462	1	31831
24464	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\omega D^+D^0$	24463	1	31832
24465	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\bar{K}^*\Sigma^0\bar{\Sigma}^0D_1^-$	24464	1	31833
24466	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*0}\Sigma^{*0}\bar{\Sigma}^{*0}$	24465	1	31834
24467	$e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	24466	1	31835
24468	$e^+e^- \to \pi^0\rho^-\omega D^+\bar{D}^{*-}D_s^+$	24467	1	31836
24469	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^-D_s^{*+}D_1^+$	24468	1	31837
24470	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-n\bar{\Sigma}_c^0$	24469	1	31838
24471	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}a_1^+$	24470	1	31839
24472	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^0K^0\bar{K}^0D^-\eta_c$	24471	1	31840
24473	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0\bar{D}^0D^{*0}D^{*0}$	24472	1	31841
24474	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu X_u^-D^-$	2879	1	31842
24475	$e^+e^- \to \pi^0\rho^0\pi^-K^+K^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0}$	24474	1	31843
24476	$e^+e^- \to \pi^+\pi^+\rho^-\eta\bar{D}^{*-}D^0\bar{D}^{*0}$	24475	1	31844
24477	$e^+e^- \to \pi^+K^-K^{*+}\bar{D}^{*-}D^{*0}\chi_{c2}$	24476	1	31845
24478	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	24477	1	31846
24479	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	24478	1	31847
24480	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega\bar{D}^{*-}D^{*0}$	24479	1	31848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24481	$e^+e^- \to \rho^0\pi^+\rho^+D^-\bar{\Delta}^+\Sigma_c^{*0}$	24480	1	31849
24482	$e^+e^- \to \pi^+\rho^+\rho^-D^+\bar{D}^{*-}D_s^-$	24481	1	31850
24483	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\eta D^{*+}D^{*+}$	24482	1	31851
24484	$e^+e^- \to \mu^+\nu_\mu\pi^-D_2^{*+}\bar{D}^{*0}D_s^{*-}$	2880	1	31852
24485	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}\bar{D}^{*0}\gamma$	24484	1	31853
24486	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\bar{D}^{*-}D^0$	24485	1	31854
24487	$e^+e^- \to \pi^+\pi^-\omega\omega K^-D^+\psi(3770)$	24486	1	31855
24488	$e^+e^- \to \pi^0\pi^-\rho^-\eta K^+D^{*+}\bar{D}^0D^{*0}$	24487	1	31856
24489	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-K^+K^-D^+D^-$	24488	1	31857
24490	$e^+e^- \to \pi^+\rho^+\omega K^-D^-\psi(3770)$	24489	1	31858
24491	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+}$	24490	1	31859
24492	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^0$	24491	1	31860
24493	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}a_1^-$	24492	1	31861
24494	$e^+e^- \to \pi^0\pi^-\eta\omega\omega K^+D^+\bar{D}^{*-}D^{*0}$	24493	1	31862
24495	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\eta\eta\omega K^-K^{*+}D_s^+D_s^{*-}$	24494	1	31863
24496	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\omega D^-\bar{D}^{*-}$	24495	1	31864
24497	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{\Delta}^-\Delta^0D_1^-$	24496	1	31865
24498	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\omega K^0\bar{D}^{*-}\bar{D}^0D^{*0}$	24497	1	31866
24499	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+D_s^{*-}$	24498	1	31867
24500	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\bar{D}^{*0}$	24499	1	31868
24501	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-K^0\bar{D}^{*-}\chi_{c2}$	24500	1	31869
24502	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}D^{*0}$	24501	1	31870
24503	$e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^0D^{*+}J/\psi$	24502	1	31871
24504	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0D^+\bar{D}^{*-}D^0n\bar{n}$	24503	1	31872
24505	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-}$	24504	1	31873
24506	$e^+e^- \to \rho^0\pi^+\pi^-\eta'D^-D^{*+}$	24505	1	31874
24507	$e^+e^- \to \pi^0\pi^-\eta\omega\omega K^0K^0K^{*-}\bar{\Delta}^-p\bar{\Delta}^{++}\Sigma_c^{++}$	24506	1	31875
24508	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	24507	1	31876
24509	$e^+e^- \to \pi^+\rho^+\omega K^*K^-D^-\bar{D}^{*-}D_s^+$	24508	1	31877
24510	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0K^-D^+D^+$	24509	1	31878
24511	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^{*+}D^-D^{*+}$	24510	1	31879
24512	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\bar{K}^*D^{*+}$	24511	1	31880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24513	$e^+e^- \to \eta\bar{K}^0\Delta^0\bar{\Sigma}_c^{*0}\chi_{c1}$	24512	1	31881
24514	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^{*-}D^+D^+$	24513	1	31882
24515	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^*K^+\bar{D}^{*-}D^{*0}D_s^-$	24514	1	31883
24516	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}\bar{D}^{*-}$	24515	1	31884
24517	$e^+e^- \to \pi^0\pi^+\eta\eta K^0K^{*-}D^+D^-$	24516	1	31885
24518	$e^+e^- \to D^+D_s^-J/\psi K_1^{\prime 0}$	24517	1	31886
24519	$e^+e^- \to \rho^0K^-D^+D^-\bar{D}^{*0}a_1^+$	24518	1	31887
24520	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\omega K^0D^-D^{*+}D^0$	24519	1	31888
24521	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^*D^-\psi'$	24520	1	31889
24522	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta K^*D^+\bar{D}^{*-}$	24521	1	31890
24523	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^0K^-D^{*+}\bar{D}^{*-}$	24522	1	31891
24524	$e^+e^- \to \rho^+K^-D^+\bar{D}^{*-}\bar{D}^0$	642	1	31892
24525	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^+n\bar{p}$	24524	1	31893
24526	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^-\eta D^+\bar{D}^{*-}$	24525	1	31894
24527	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\eta\bar{D}^{*-}\bar{D}^{*-}$	24526	1	31895
24528	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	24527	1	31896
24529	$e^+e^- \to \pi^-\pi^-K^0D^{*+}\bar{\Delta}^+\Sigma_c^{++}$	24528	1	31897
24530	$e^+e^- \to K_SK^*D^-D^{*+}\eta_c$	24529	1	31898
24531	$e^+e^- \to \rho^0D^-\bar{n}\Sigma_c^{*0}D_{s1}^{\prime +}$	24530	1	31899
24532	$e^+e^- \to \pi^0\rho^-D^{*+}\bar{D}^{*-}\bar{D}^0a_1^+$	24531	1	31900
24533	$e^+e^- \to \pi^-\bar{K}^0K^*D^+\eta_c$	24532	1	31901
24534	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{p}\Sigma_c^+$	24533	1	31902
24535	$e^+e^- \to \pi^0\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}$	24534	1	31903
24536	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}$	24535	1	31904
24537	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^{*-}$	24536	1	31905
24538	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*0}$	24537	1	31906
24539	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^-D^{*+}D_1^{\prime +}$	24538	1	31907
24540	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+D^-D_2^{*+}$	24539	1	31908
24541	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	24540	1	31909
24542	$e^+e^- \to \rho^0\eta D^+\bar{D}^{*-}n\bar{n}p\bar{p}$	24541	1	31910
24543	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-}$	2882	1	31911
24544	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^+K^0\bar{K}^0D^+\bar{D}^{*-}$	24543	1	31912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24545	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-D^-D^{*+}$	24544	1	31913
24546	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^-D^-D^{*+}\bar{D}^{*0}$	24545	1	31914
24547	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta D^+f_0(980)$	24546	1	31915
24548	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}\bar{n}p$	24547	1	31916
24549	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-D^+D^-$	24548	1	31917
24550	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta\omega\eta' D^{*+}\bar{D}^{*0}$	24549	1	31918
24551	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^0D_{s0}^{*-}$	643	1	31919
24552	$e^+e^- \to \pi^-\rho^-\eta\omega D^+D^+\bar{D}^0$	24551	1	31920
24553	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-K^+D^-D^0D^{*0}$	24552	1	31921
24554	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0D^+D^{*+}\bar{D}^0n\bar{p}$	24553	1	31922
24555	$e^+e^- \to \pi^0\pi^+\omega\eta'\bar{D}^{*-}D_s^{*-}D_1'^+\gamma$	24554	1	31923
24556	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^*D^+D^-D^{*+}$	24555	1	31924
24557	$e^+e^- \to e^+\nu_eK^+\bar{p}\Xi_c'^0D_1^-$	644	1	31925
24558	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}D^0n\bar{n}$	24557	1	31926
24559	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0$	24558	1	31927
24560	$e^+e^- \to \pi^0\pi^-\pi^-\eta\omega\omega\omega K^{*+}D^+D^0$	24559	1	31928
24561	$e^+e^- \to \pi^0\pi^+\eta' D^{*+}\bar{D}^{*-}D_s^{*-}$	24560	1	31929
24562	$e^+e^- \to \pi^0\rho^0D^-\bar{D}^{*0}D_s^+$	24561	1	31930
24563	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+\eta D^-D^{*+}$	24562	1	31931
24564	$e^+e^- \to \pi^0\pi^-\pi^-\bar{D}^0D_s^+\bar{\Delta}^+\Sigma_c^{++}$	24563	1	31932
24565	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}$	24564	1	31933
24566	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}\bar{p}\Delta^+$	24565	1	31934
24567	$e^+e^- \to \pi^0\rho^+\omega K^0D^-\Lambda\bar{\Sigma}_c^0$	24566	1	31935
24568	$e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-}$	24567	1	31936
24569	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0K^+K^-D^+D^-\bar{D}^{*0}$	24568	1	31937
24570	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-D^{*+}$	24569	1	31938
24571	$e^+e^- \to \pi^-\pi^-\rho^+K^*D^-D^{*+}D^{*+}$	24570	1	31939
24572	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*K^-D^{*+}D_1^+$	24571	1	31940
24573	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}$	24572	1	31941
24574	$e^+e^- \to D^-D^{*+}D_s^-D_{s1}'^+$	24573	1	31942
24575	$e^+e^- \to \rho^0\pi^+\pi^+\omega K^-\bar{D}^{*-}\bar{D}^{*0}$	24574	1	31943
24576	$e^+e^- \to \pi^0\rho^+\bar{K}^0K^*D^+D^-a_1^-$	24575	1	31944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24577	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}$	24576	1	31945
24578	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	24577	1	31946
24579	$e^+e^- \to e^+\nu_e\pi^0K^0K^{*-}D^{*+}D_1^-$	24578	1	31947
24580	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+D^-\Sigma^-\bar{\Lambda}$	24579	1	31948
24581	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	24580	1	31949
24582	$e^+e^- \to \pi^0\pi^-\omega\bar{D}^0D_s^{*+}p\bar{\Lambda}_c^-$	24581	1	31950
24583	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{p}\Sigma_c^+$	24582	1	31951
24584	$e^+e^- \to \pi^+K^0K^0K^-K^{*+}J/\psi a_1^-$	24583	1	31952
24585	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^*D^+D^{*+}\bar{D}^{*0}$	24584	1	31953
24586	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0D^+D^-D^{*0}D_s^-$	24585	1	31954
24587	$e^+e^- \to \rho^0\pi^+\pi^-\omega D^-\bar{\Delta}^-\Delta^0$	24586	1	31955
24588	$e^+e^- \to \pi^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-}n\bar{n}$	24587	1	31956
24589	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\eta K^+D^+D^0\bar{D}^0$	24588	1	31957
24590	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+\omega D^+\bar{D}^{*-}n\bar{p}$	24589	1	31958
24591	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D^+D^-\bar{n}p$	24590	1	31959
24592	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^+D^-n\bar{n}$	24591	1	31960
24593	$e^+e^- \to \pi^+\pi^-\rho^+K^+K^-K^-D^-D^{*+}\bar{D}^{*0}$	24592	1	31961
24594	$e^+e^- \to \pi^0\rho^+D^+D_2^{*-}D_s^+n\bar{\Delta}^{++}$	24593	1	31962
24595	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\bar{K}^*D^-\eta_c$	2885	1	31963
24596	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^0K^-D^+D^-$	24595	1	31964
24597	$e^+e^- \to \pi^-\rho^+\Delta^0\bar{\Delta}^+\bar{\Sigma}_c^{*-}\Sigma_c^{*++}$	24596	1	31965
24598	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	24597	1	31966
24599	$e^+e^- \to \pi^0\pi^+\omega D^-D^{*+}D_s^-$	24598	1	31967
24600	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{n}\Sigma^+\bar{\Sigma}^-\Sigma_c^0$	645	1	31968
24601	$e^+e^- \to \pi^0\pi^+\pi^-K^-K^{*+}D^+D^-D^0\bar{D}^0$	24600	1	31969
24602	$e^+e^- \to \rho^0\rho^0\pi^+\eta\bar{K}^*K^-D^-D^{*+}$	24601	1	31970
24603	$e^+e^- \to \pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}D_{s1}'^+$	24602	1	31971
24604	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+D^{*+}D_s^{*-}$	24603	1	31972
24605	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\eta D^+D^-\bar{\Sigma}^+\Sigma^0$	24604	1	31973
24606	$e^+e^- \to e^+\nu_e\rho^0\rho^0\rho^0\pi^-D^{*+}D_1'^-$	24605	1	31974
24607	$e^+e^- \to \pi^0\rho^-\omega K^*D^-D^{*+}D^{*+}$	24606	1	31975
24608	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{n}p$	24607	1	31976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24609	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+D^-D^{*+}D^0$	24608	1	31977
24610	$e^+e^- \to \rho^0K^0D^+J/\psi\Delta^-\bar{n}$	24609	1	31978
24611	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\eta D^{*+}\bar{D}^0$	24610	1	31979
24612	$e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{K}^*D^+\bar{D}^{*-}$	24611	1	31980
24613	$e^+e^- \to \pi^-\bar{K}^*K^+D^+D^-J/\psi$	24612	1	31981
24614	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta\eta\omega D^{*+}\bar{D}^{*-}D_s^-$	24613	1	31982
24615	$e^+e^- \to \pi^-\eta K_SK^0\bar{K}^0D^{*+}J/\psi$	24614	1	31983
24616	$e^+e^- \to \rho^0\pi^-\pi^-\omega\bar{K}^0D^+p\bar{\Xi}_c^{\prime 0}$	24615	1	31984
24617	$e^+e^- \to \omega K^0K^-D^{*+}\bar{D}^0\eta_c$	24616	1	31985
24618	$e^+e^- \to \tau^+\nu_\tau\rho^0\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	24617	1	31986
24619	$e^+e^- \to \pi^+\rho^+\rho^-\eta K^0K^+K^{*-}D^0D_s^-$	24618	1	31987
24620	$e^+e^- \to \pi^+K^*K^-D^+\bar{D}^{*-}J/\psi$	24619	1	31988
24621	$e^+e^- \to e^+\nu_e\pi^+K^-\bar{D}^{*-}\psi'$	24620	1	31989
24622	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^*K^-D^{*+}\bar{D}^{*-}$	24621	1	31990
24623	$e^+e^- \to \pi^0\rho^0\rho^-K^+D^+D^-D^0$	24622	1	31991
24624	$e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_{s1}^+$	24623	1	31992
24625	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta'D^+\bar{D}^{*-}\gamma$	24624	1	31993
24626	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\bar{D}^0D^{*0}$	24625	1	31994
24627	$e^+e^- \to \rho^0\pi^-\eta\omega D^{*+}n\bar{\Xi}_c^{*0}$	24626	1	31995
24628	$e^+e^- \to \rho^+\eta D^+D^-n\bar{p}$	24627	1	31996
24629	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Lambda}_c^-$	24628	1	31997
24630	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*0}$	2887	1	31998
24631	$e^+e^- \to \pi^+\rho^+\eta D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	24630	1	31999
24632	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^*D^-\bar{D}^0$	24631	1	32000
24633	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\bar{K}^0K^*D^{*+}D^{*+}\bar{D}^{*-}$	24632	1	32001
24634	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^0\pi^0\pi^-K^+K^{*-}D^{*+}$	24633	1	32002
24635	$e^+e^- \to e^+\nu_eK^0\bar{K}^0D^+D^-D_s^-$	24634	1	32003
24636	$e^+e^- \to \pi^0\pi^0\pi^+D^+D^-D_s^{*+}n\bar{\Delta}^{++}$	24635	1	32004
24637	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\eta\eta D^-D^0$	24636	1	32005
24638	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^+D^{*0}\bar{D}^{*0}D_s^{*-}$	24637	1	32006
24639	$e^+e^- \to \pi^-K^{*+}D^{*+}D_s^{*-}J/\psi$	24638	1	32007
24640	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*0}$	24639	1	32008

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24641	$e^+e^- \to \pi^-\rho^+K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-}$	24640	1	32009
24642	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^0K^+K^-D^{*+}$	24641	1	32010
24643	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^+\eta' D^+\bar{D}^{*-}D'^-_{s1}$	24642	1	32011
24644	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^-D^{*+}D^{*+}$	24643	1	32012
24645	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	24644	1	32013
24646	$e^+e^- \to \pi^+\pi^-\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	24645	1	32014
24647	$e^+e^- \to \pi^-\pi^-K^+D^+\bar{D}^{*0}\bar{K}_1^0\psi(3770)$	24646	1	32015
24648	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^{*+}D^-D^{*+}$	24647	1	32016
24649	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega\omega D^{*+}p\bar{\Lambda}_c^-$	24648	1	32017
24650	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-D^+D^-$	24649	1	32018
24651	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega K^0\bar{D}^{*-}D^0$	24650	1	32019
24652	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D_2^{*-}D^{*0}D_s^{*+}$	2888	1	32020
24653	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*0}$	24652	1	32021
24654	$e^+e^- \to \pi^-\rho^-\omega K^0\bar{K}^*D^{*+}p\bar{\Xi}_c'^0$	24653	1	32022
24655	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-K^{*+}\eta_c D_1'^+$	24654	1	32023
24656	$e^+e^- \to \pi^0\pi^+K^+K^-D^+\bar{D}^{*-}D_s^{*-}$	24655	1	32024
24657	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^0D_0^{*+}$	24656	1	32025
24658	$e^+e^- \to \pi^+\pi^-\omega\omega\bar{D}^{*-}D^{*0}D'^+_{s1}$	24657	1	32026
24659	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega D^+\bar{D}^{*-}$	24658	1	32027
24660	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^*\bar{K}^*\bar{D}^{*-}D^0$	24659	1	32028
24661	$e^+e^- \to \pi^0\pi^+\omega D^0D_s^{*-}n\bar{\Sigma}_c^0$	24660	1	32029
24662	$e^+e^- \to \pi^-\eta D^{*+}D^{*+}a_1^-$	24661	1	32030
24663	$e^+e^- \to \rho^0\pi^+\pi^-\bar{D}^{*-}D^0D_s^{*+}$	24662	1	32031
24664	$e^+e^- \to K^0\bar{K}^0\bar{K}^0K^{*+}D_s^-J/\psi$	24663	1	32032
24665	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^0$	24664	1	32033
24666	$e^+e^- \to \pi^0\pi^+\pi^+K^0K^0K^-D^{*+}\bar{D}^{*-}\Delta^-\bar{n}$	24665	1	32034
24667	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	24666	1	32035
24668	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^{*+}K^{*-}D^+D^0\bar{D}^0$	24667	1	32036
24669	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta\omega\bar{D}^{*-}D_1'^+$	24668	1	32037
24670	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-n\bar{\Sigma}_c^0$	24669	1	32038
24671	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^0\bar{K}^0K^-D^-D_s^+$	24670	1	32039
24672	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+K^-D^-D^{*0}$	24671	1	32040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24673	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^{*0}D_1'^+$	24672	1	32041
24674	$e^+e^- \to \eta\omega\omega\bar{K}^0D^0n\bar{\Sigma}_c^0$	24673	1	32042
24675	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta K^0D^+D^{*+}$	24674	1	32043
24676	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}\chi_{c1}$	24675	1	32044
24677	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}n\bar{n}$	24676	1	32045
24678	$e^+e^- \to \rho^-\omega\omega K^0D^+D^-D^{*+}$	24677	1	32046
24679	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+D_1^-$	24678	1	32047
24680	$e^+e^- \to \pi^0\rho^0\rho^0K^{*-}D^+\bar{D}^0\bar{D}^{*0}$	24679	1	32048
24681	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+D^-D_s^{*+}$	24680	1	32049
24682	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta K^0K^0\bar{K}^0K^-D^{*+}\bar{D}^{*0}$	24681	1	32050
24683	$e^+e^- \to \pi^-\pi^-\rho^+D^+\bar{D}^{*-}a_1^+$	24682	1	32051
24684	$e^+e^- \to \mu^+\nu_\mu\pi^-K^+D^+D^-D^-$	24683	1	32052
24685	$e^+e^- \to \rho^0\rho^-K^0D^+D^+\bar{D}^{*0}n\bar{p}$	24684	1	32053
24686	$e^+e^- \to \pi^0\rho^0K^*D^{*+}D_s^{*-}$	24685	1	32054
24687	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^0$	24686	1	32055
24688	$e^+e^- \to K^*\bar{D}^0D^{*0}D^{*0}p\bar{p}$	24687	1	32056
24689	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*0}$	24688	1	32057
24690	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+D^-D^{*0}a_1^+$	24689	1	32058
24691	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	2889	1	32059
24692	$e^+e^- \to \rho^+\rho^-K^+\bar{D}^0D^{*0}\bar{\Delta}^+\Sigma_c^{*0}$	24691	1	32060
24693	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta'D^+\bar{D}^{*-}$	24692	1	32061
24694	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}$	24693	1	32062
24695	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	24694	1	32063
24696	$e^+e^- \to \pi^+\rho^+\rho^-\eta\omega D^-D^{*+}D_s^-$	24695	1	32064
24697	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta K^0D^+\chi_{c1}$	24696	1	32065
24698	$e^+e^- \to \pi^+\pi^-\pi^-K^+\bar{D}^0D_s^{*+}\bar{\Delta}^0\Sigma^-$	24697	1	32066
24699	$e^+e^- \to \pi^-K^{*+}D^0\bar{D}^0D^{*0}\bar{p}\Delta^+$	24698	1	32067
24700	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^+D^-$	24699	1	32068
24701	$e^+e^- \to \pi^0\rho^-\rho^-\omega K^+D^{*+}$	24700	1	32069
24702	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\eta D^-D^{*0}\gamma$	24701	1	32070
24703	$e^+e^- \to K^0K^{*-}D^{*+}J/\psi$	646	1	32071
24704	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0K^+D^-D_s^{*-}$	24703	1	32072

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24705	$e^+e^- \to \pi^+\pi^+\pi^+\eta K^- D^- \bar{D}^{*-} D^{*0} \bar{n}\Delta^0$	24704	1	32073
24706	$e^+e^- \to e^+\nu_e D^{*+} \bar{D}^{*-} \bar{\Delta}^0 \Sigma^{*-}$	24705	1	32074
24707	$e^+e^- \to \rho^- K^0 \bar{K}^0 D^+ \bar{D}^0 p \bar{\Lambda}_c^-$	24706	1	32075
24708	$e^+e^- \to \pi^- \eta\omega K^0 D^+ D_s^{*+} D_s^{*-}$	24707	1	32076
24709	$e^+e^- \to \pi^0\pi^+\omega\omega \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	24708	1	32077
24710	$e^+e^- \to \pi^0\pi^0\pi^- \bar{K}^* D^{*+} \bar{D}^{*0} n \bar{\Sigma}_c^0$	24709	1	32078
24711	$e^+e^- \to \pi^- \bar{K}^0 D^0 \bar{D}^{*0} \bar{n} p$	24710	1	32079
24712	$e^+e^- \to \tau^+\nu_\tau \bar{K}^* \bar{D}^{*-} \eta_c$	24711	1	32080
24713	$e^+e^- \to \mu^-\bar{\nu}_\mu \rho^+\omega K^+ K^- D^- D^{*+}$	24712	1	32081
24714	$e^+e^- \to \tau^+\nu_\tau \pi^0\pi^+\pi^- \rho^- K^0 \bar{K}^0 D^+ D_1'^-$	24713	1	32082
24715	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^- \bar{K}^0 D^+ D_s^{*+}$	24714	1	32083
24716	$e^+e^- \to \pi^+ \bar{K}^0 K^- \bar{D}^0 D^{*0} \eta_c$	24715	1	32084
24717	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+} D^{*+} \Lambda \bar{\Sigma}_c^-$	24716	1	32085
24718	$e^+e^- \to \pi^0\pi^0\pi^- \rho^+ \bar{K}^0 \bar{K}^0 K^+ D^- D^{*+} \bar{D}^{*-}$	24717	1	32086
24719	$e^+e^- \to e^-\bar{\nu}_e \pi^- \eta\omega D^+ D^{*+}$	24718	1	32087
24720	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0\pi^0\pi^0\pi^+\pi^- \eta K^{*+} D^{*+} \bar{D}^{*-}$	647	1	32088
24721	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^- \omega\omega \bar{K}^0 K^+ D^+ D^-$	24720	1	32089
24722	$e^+e^- \to \pi^-\pi^-\pi^- \rho^+\rho^+ D^{*+} \bar{D}^{*-} D_{s1}'^+$	24721	1	32090
24723	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^- D^+ \bar{D}^{*-} n \bar{p}$	24722	1	32091
24724	$e^+e^- \to \mu^+\nu_\mu \pi^- D^- \bar{D}^0 \bar{n} p$	24723	1	32092
24725	$e^+e^- \to \pi^- K^* K^- D^+ D^+ \bar{D}^{*0}$	24724	1	32093
24726	$e^+e^- \to \pi^0\pi^0\rho^0\pi^- \omega\omega K^{*+} D^+ D^- \bar{p} \Sigma^+$	24725	1	32094
24727	$e^+e^- \to e^+\nu_e \rho^- \eta\eta D^+ \bar{D}^{*-}$	24726	1	32095
24728	$e^+e^- \to \mu^+\nu_\mu \pi^0\pi^+\pi^- \rho^- \eta D^+ D^-$	24727	1	32096
24729	$e^+e^- \to \pi^0\pi^0 \bar{D}^{*-} D^{*0} D_s^+$	24728	1	32097
24730	$e^+e^- \to \rho^+\eta D^- J/\psi \bar{K}_1^0$	24729	1	32098
24731	$e^+e^- \to \rho^- D^{*+} \bar{D}^{*-} D_{s1}'^+$	24730	1	32099
24732	$e^+e^- \to \pi^0\rho^0\pi^- \eta K^- K^{*+} D^- D^{*+} a_1^+$	24731	1	32100
24733	$e^+e^- \to K_S \bar{K}^* \bar{D}^0 D^{*0} \eta_c$	2892	1	32101
24734	$e^+e^- \to \rho^0\pi^+\eta\omega \bar{D}^{*-} D_s^{*-} D_1^+$	24733	1	32102
24735	$e^+e^- \to \mu^+\nu_\mu \pi^0\pi^0\pi^+\pi^- \rho^- D^+ \bar{D}^{*-}$	24734	1	32103
24736	$e^+e^- \to \pi^- K^0 \bar{K}^0 D^+ \bar{D}^{*-} D_s^{*+}$	24735	1	32104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24737	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega K^- D^+ D^-$	24736	1	32105
24738	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^- D^+\bar{D}^{*-}\bar{n}p$	24737	1	32106
24739	$e^+e^- \to \pi^+\omega\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	24738	1	32107
24740	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta K^+ D^+$	24739	1	32108
24741	$e^+e^- \to \pi^0\pi^0\rho^0 K^0 D^0 D_s^+ D_s^-$	2893	1	32109
24742	$e^+e^- \to \rho^0\rho^0\pi^-\rho^- K^0\bar{K}^* D^+ D^{*+}\bar{D}^0$	24741	1	32110
24743	$e^+e^- \to \pi^-\bar{K}^* K^+ K^+\bar{D}^{*-} D^{*0}\bar{D}^{*0}$	24742	1	32111
24744	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^* K^+ D^- D_1^-$	24743	1	32112
24745	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+ D^+ D^-\Delta^0\bar{\Delta}^0$	24744	1	32113
24746	$e^+e^- \to \rho^0\pi^-\eta K^0 D^{*+} J/\psi$	24745	1	32114
24747	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+\omega D^- D^{*+}$	24746	1	32115
24748	$e^+e^- \to \pi^0 K^0\bar{K}^0 K^- D^+ D^{*+}\bar{D}^{*0}n\bar{p}$	24747	1	32116
24749	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D_2^{*+} D_s^{*+}$	24748	1	32117
24750	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^+ D^- D_s^-$	24749	1	32118
24751	$e^+e^- \to \pi^+\rho^-\eta\omega\omega\omega D^{*+}\bar{D}^{*-}$	24750	1	32119
24752	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\pi^-\rho^+\eta\omega D^+ D^{*+}$	24751	1	32120
24753	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^+\eta D^- D_1^-$	24752	1	32121
24754	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^*\phi D_s^-$	24753	1	32122
24755	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^- D^+\bar{D}^{*-}$	24754	1	32123
24756	$e^+e^- \to \rho^-\eta\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-}$	24755	1	32124
24757	$e^+e^- \to \rho^- K^* D^+\Sigma^{*0}\bar{\Xi}_c'^0$	24756	1	32125
24758	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ K^0 D^- D^0\bar{D}^{*0}\bar{n}p$	24757	1	32126
24759	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	24758	1	32127
24760	$e^+e^- \to \pi^0\pi^+\rho^- D^- n\bar{n}\bar{\Delta}^0\Sigma_c^{*+}$	24759	1	32128
24761	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0 D^{*+}\bar{D}^{*-} D_2^{*+}$	24760	1	32129
24762	$e^+e^- \to \mu^-\bar{\nu}_\mu D^- D^{*+}\bar{\Sigma}^0\Sigma^+$	24761	1	32130
24763	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0 K^+ D^+\bar{D}^{*-} D_s^-$	24762	1	32131
24764	$e^+e^- \to \pi^- K^{*+}\phi\bar{D}^{*-}\bar{D}^0 D_s^+$	24763	1	32132
24765	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^0 K^* D^+ D^-$	24764	1	32133
24766	$e^+e^- \to \pi^0\pi^+\rho^+ K^- D^- D^{*+}\bar{D}^{*0}n\bar{p}$	24765	1	32134
24767	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu D^- D_0^{*-}$	24766	1	32135
24768	$e^+e^- \to \pi^0\pi^-\rho^- K^* D^{*+} D^{*+}\bar{D}^0$	24767	1	32136

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24769	$e^+e^- \to \rho^-\omega K^{*+}D^-D^{*+}D^{*0}$	24768	1	32137
24770	$e^+e^- \to \pi^+\eta\omega D^-D^{*+}D'^-_{s1}$	24769	1	32138
24771	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}$	24770	1	32139
24772	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	24771	1	32140
24773	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}D^0$	24772	1	32141
24774	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^+_1$	24773	1	32142
24775	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^0K^+\bar{D}^{*-}D^-_s$	24774	1	32143
24776	$e^+e^- \to \pi^0\eta K^+K^{*-}D^+D^-D^{*0}$	24775	1	32144
24777	$e^+e^- \to \bar{D}^{*-}\bar{D}^0D^{*+}_sp\bar{p}$	24776	1	32145
24778	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	24777	1	32146
24779	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-D^+_s$	24778	1	32147
24780	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+K^+D^+D^+\bar{D}^{*-}$	24779	1	32148
24781	$e^+e^- \to \rho^0\bar{K}^*\bar{K}^*K^+D^+\bar{D}^{*-}\bar{D}^{*-}$	24780	1	32149
24782	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0\bar{D}^0D^{*+}_s\chi_{c1}$	24781	1	32150
24783	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^{*-}D^{*+}\bar{D}^{*-}$	24782	1	32151
24784	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\eta\eta D^-\bar{D}^{*-}$	24783	1	32152
24785	$e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^0\bar{K}^0K^*\bar{D}^{*-}$	24784	1	32153
24786	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta'D^+D^{*+}$	24785	1	32154
24787	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0\Delta^0\bar{\Delta}^0$	24786	1	32155
24788	$e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}n\bar{p}$	24787	1	32156
24789	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0}$	24788	1	32157
24790	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta\eta K^0K^-D^+D^{*+}$	24789	1	32158
24791	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0}n\bar{p}$	24790	1	32159
24792	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	648	1	32160
24793	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}$	24792	1	32161
24794	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\eta K^0\bar{K}^0K^+D^{*+}$	24793	1	32162
24795	$e^+e^- \to e^+\nu_e\bar{K}^*D^-D^{*0}\bar{D}^{*0}$	24794	1	32163
24796	$e^+e^- \to \pi^0\rho^0\omega D^{*+}\Sigma^{*0}\bar{\Sigma}^{*-}$	24795	1	32164
24797	$e^+e^- \to \pi^+\pi^-\omega D^-D^{*0}n\bar{n}\bar{\Delta}^0p$	24796	1	32165
24798	$e^+e^- \to \rho^0\rho^0\rho^-\bar{K}^*K^{*+}D^-D^{*+}$	24797	1	32166
24799	$e^+e^- \to \pi^0\pi^-K^{*+}D^{*-}_sJ/\psi D^+_1$	24798	1	32167
24800	$e^+e^- \to \rho^+\bar{D}^{*-}\Delta^+\bar{\Sigma}^{--}_cD'^+_{s1}$	24799	1	32168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24801	$e^+e^- \to \pi^-\omega K^0\bar{K}^0 D^{*+}\bar{D}^{*-}D_s^{*+}$	24800	1	32169
24802	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^0$	24801	1	32170
24803	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+D^-D^{*+}D_s^-$	24802	1	32171
24804	$e^+e^- \to \pi^0\pi^+\rho^-D^+D^-\bar{D}^0 n\bar{n}\gamma$	24803	1	32172
24805	$e^+e^- \to \pi^0 D^+\Sigma^0\bar{\Xi}_c^0 D_{s1}'^-$	163	1	32173
24806	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+K^0D^+J/\psi$	24805	1	32174
24807	$e^+e^- \to \pi^+\rho^-K^*\bar{K}^*\bar{D}^{*-}\bar{D}^0D_s^+$	24806	1	32175
24808	$e^+e^- \to \pi^0\pi^0\pi^-K^{*+}D^+\bar{D}^{*-}\eta_c$	24807	1	32176
24809	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+D^+D^-$	24808	1	32177
24810	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta K^+D^+D^-\bar{D}^{*-}$	24809	1	32178
24811	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}\Sigma^{*-}\bar{\Sigma}^{*0}$	24810	1	32179
24812	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^0K^-D^{*+}$	24811	1	32180
24813	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+D^-D^{*+}$	24812	1	32181
24814	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^{*-}D^+D^-\bar{D}^{*0}$	24813	1	32182
24815	$e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-D^+\bar{D}^{*-}n\bar{p}$	24814	1	32183
24816	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^-\phi\bar{D}^{*0}D_s^{*+}$	24815	1	32184
24817	$e^+e^- \to \rho^0\pi^+\omega K^-D^+D^-\bar{D}^0$	24816	1	32185
24818	$e^+e^- \to \pi^0\pi^-\eta\omega K^*D^-D^{*+}D^{*+}$	24817	1	32186
24819	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0D^+D^-D^-D_s^+$	24818	1	32187
24820	$e^+e^- \to \pi^0\pi^+\omega D^-\bar{\Delta}^0\Sigma_c^0$	24819	1	32188
24821	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\omega K^{*+}\bar{D}^0D_1^+$	24820	1	32189
24822	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0D^{*+}D_1'^-$	24821	1	32190
24823	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	24822	1	32191
24824	$e^+e^- \to \pi^+\rho^-\rho^-\omega K^0D^{*+}D^0\bar{D}^{*0}$	24823	1	32192
24825	$e^+e^- \to \pi^+\pi^-K^-D^+D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^{++}$	24824	1	32193
24826	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-D^-D^{*+}\bar{n}p$	24825	1	32194
24827	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\eta D^{*0}D^{*0}$	24826	1	32195
24828	$e^+e^- \to \omega\bar{K}^0K^{*+}K^{*-}D^+D^-\bar{D}^{*0}$	24827	1	32196
24829	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\omega\omega\bar{K}^0K^*D^-D^-$	24828	1	32197
24830	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+}$	24829	1	32198
24831	$e^+e^- \to \rho^0\rho^-K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	24830	1	32199
24832	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0D_2^{*-}D^{*0}$	24831	1	32200

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24833	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+K^0K^+K^-K^-D^{*+}\bar{D}^{*-}$	24832	1	32201
24834	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\bar{K}^0D^{*+}\Lambda\bar{\Sigma}^-$	24833	1	32202
24835	$e^+e^- \to \pi^0\pi^+\rho^-K^+D^+\bar{D}^{*-}D_s^{*-}$	24834	1	32203
24836	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0n\bar{\Sigma}_c^0\eta_c(2S)$	24835	1	32204
24837	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^+D^-D_1^-$	24836	1	32205
24838	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega\omega D^-D^0$	24837	1	32206
24839	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*0}\Delta^+\bar{\Sigma}^-\gamma$	24838	1	32207
24840	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}p\bar{p}$	24839	1	32208
24841	$e^+e^- \to \pi^+\bar{K}^0D^-D^-D^0D_s^{*+}$	24840	1	32209
24842	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^*K^-D^+D^-\bar{\Delta}^-n$	24841	1	32210
24843	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}\bar{p}\Delta^+$	24842	1	32211
24844	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\bar{K}^0D^0D_s^{*+}D_1'^-$	24843	1	32212
24845	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\eta\bar{K}^*D^-\bar{D}^0$	24844	1	32213
24846	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^0\bar{K}^0K^*D^{*+}D_s^{*-}$	24845	1	32214
24847	$e^+e^- \to \pi^+\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	24846	1	32215
24848	$e^+e^- \to \pi^0\pi^-\pi^-K^0D^+D^{*+}\bar{D}^0$	24847	1	32216
24849	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^0\bar{n}\Delta^0$	24848	1	32217
24850	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+D^-$	24849	1	32218
24851	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+D^{*+}\bar{D}^0n\bar{p}$	24850	1	32219
24852	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{\Delta}^+\Sigma_c^{*0}D_1^-$	24851	1	32220
24853	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0}$	24852	1	32221
24854	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-\bar{K}^0D^+\bar{D}^0\bar{n}\Delta^0$	24853	1	32222
24855	$e^+e^- \to e^-\bar{\nu}_eK^0K^-D^+D^{*+}$	24854	1	32223
24856	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*0}$	24855	1	32224
24857	$e^+e^- \to \rho^0\rho^+\omega\bar{K}^0D^-D^{*0}$	24856	1	32225
24858	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-$	24857	1	32226
24859	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{K}^*K^+K^-D^-$	24858	1	32227
24860	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}n\bar{n}$	24859	1	32228
24861	$e^+e^- \to \pi^-\rho^+\rho^-\rho^-\omega\omega D^+D^{*+}$	24860	1	32229
24862	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\eta D^{*+}D^{*+}$	24861	1	32230
24863	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^{*+}D^-\bar{\Delta}^0p$	24862	1	32231
24864	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^-D^{*+}$	24863	1	32232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24865	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\omega D^+\bar{D}^{*-}n\bar{n}$	24864	1	32233
24866	$e^+e^- \to \pi^-\pi^-\rho^+\eta' D^+D^-D_s^+$	24865	1	32234
24867	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+D^+D^-$	24866	1	32235
24868	$e^+e^- \to \rho^0\pi^+\rho^-\omega D^-D^{*+}\gamma$	24867	1	32236
24869	$e^+e^- \to \rho^-\eta\omega D^{*+}\bar{n}\Xi_c'^0$	24868	1	32237
24870	$e^+e^- \to e^-\bar{\nu}_e K^*D^{*+}D_s^{*+}D_s^{*-}$	24869	1	32238
24871	$e^+e^- \to \pi^-\eta\omega K^0K^{*-}D^+D^+$	2896	1	32239
24872	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}D_2^{*-}$	2897	1	32240
24873	$e^+e^- \to e^+\nu_e\rho^-\eta' D^+\bar{D}^{*-}$	24872	1	32241
24874	$e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	24873	1	32242
24875	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-\eta\eta D^+\bar{D}^{*-}$	24874	1	32243
24876	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+}$	24875	1	32244
24877	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega\omega\bar{K}^*D^-D_s^{*+}$	24876	1	32245
24878	$e^+e^- \to \rho^+D_s^{*-}\Delta^+\bar{\Delta}^+\bar{\Lambda}\Xi_c^0$	24877	1	32246
24879	$e^+e^- \to \pi^0\pi^-\rho^+K^0K^{*-}D^+\bar{D}^{*-}D_{s1}'^+$	24878	1	32247
24880	$e^+e^- \to \pi^-K^*D^{*+}D^{*+}\bar{D}^0a_1^-\gamma$	24879	1	32248
24881	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^+\bar{K}^*D^-\bar{D}^0$	24880	1	32249
24882	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*0}\bar{D}^{*0}$	24881	1	32250
24883	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+D^-D_1^+$	24882	1	32251
24884	$e^+e^- \to \pi^0\rho^0\bar{K}^0\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}$	24883	1	32252
24885	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^{*+}\bar{D}^{*0}a_1^-$	24884	1	32253
24886	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+D^{*+}n\bar{p}$	24885	1	32254
24887	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^*D^-D^{*0}\bar{D}^{*0}$	24886	1	32255
24888	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0\bar{K}^*D^+D^0n\bar{\Delta}^{++}$	24887	1	32256
24889	$e^+e^- \to \rho^0\pi^+\pi^-K^+K^-K^-D^+\bar{D}^{*-}D_s^+$	24888	1	32257
24890	$e^+e^- \to \pi^-\rho^+\eta K^*D^+\bar{D}^{*-}p\bar{p}$	24889	1	32258
24891	$e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}D_s^{*+}$	24890	1	32259
24892	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta\eta\eta K^{*+}D^+\bar{D}^0$	24891	1	32260
24893	$e^+e^- \to K_L\pi^-\rho^-K^+D^+\eta_c$	24892	1	32261
24894	$e^+e^- \to \pi^0\pi^+K^0D^+D^-\bar{D}^{*-}$	24893	1	32262
24895	$e^+e^- \to \pi^0\pi^0\rho^+\eta K^*K^{*-}D^+D^-$	24894	1	32263
24896	$e^+e^- \to \pi^+K^{*-}D_2^{*-}D^0D_s^+$	24895	1	32264

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24897	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-D^{*+}\bar{D}^0$	24896	1	32265
24898	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\pi^-\bar{K}^0K^{*+}D^{*+}D^{*+}$	24897	1	32266
24899	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0\bar{K}^0D^-D^{*+}D_{s1}'^+$	24898	1	32267
24900	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	24899	1	32268
24901	$e^+e^- \to e^+\nu_e\omega D^+D^-n\bar{p}$	24900	1	32269
24902	$e^+e^- \to K^0\bar{K}^0K^+D^+D_s^-D_s^-$	24901	1	32270
24903	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*0}\Delta^-\bar{n}$	24902	1	32271
24904	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+D^-$	24903	1	32272
24905	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}\bar{n}p$	24904	1	32273
24906	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^-K^0\bar{K}^0D^+D^+\bar{p}\Delta^{++}$	24905	1	32274
24907	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+\rho^-D^-\bar{D}^{*-}$	24906	1	32275
24908	$e^+e^- \to \pi^-\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^+$	2898	1	32276
24909	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-K^*K^+D^{*+}D_s^{*-}$	24908	1	32277
24910	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+D^-\bar{D}^{*-}D_s^+$	24909	1	32278
24911	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta'D^+\Delta^+\bar{\Sigma}_c^{--}$	24910	1	32279
24912	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	24911	1	32280
24913	$e^+e^- \to \rho^-K^-\bar{D}^0D_s^+\bar{\Lambda}\Xi_c^+$	24912	1	32281
24914	$e^+e^- \to \rho^0\rho^-D^+\bar{D}^{*-}D_s^+\gamma$	24913	1	32282
24915	$e^+e^- \to D^{*+}D^{*+}a_1^-a_1^-\gamma$	24914	1	32283
24916	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta\bar{K}^0\bar{D}^{*-}\eta_c$	24915	1	32284
24917	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{K}^*K^+K^{*-}D^{*+}\bar{D}^{*-}$	24916	1	32285
24918	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-K^{*-}D^-D^{*+}$	24917	1	32286
24919	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-K^*D^+\bar{D}^{*-}\bar{D}^{*0}$	24918	1	32287
24920	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0K^0\bar{D}^0D_1^+$	24919	1	32288
24921	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^-D^{*+}D_s^+$	24920	1	32289
24922	$e^+e^- \to \rho^0\pi^-\rho^+D^-\bar{\Sigma}^0\Xi_c^{*+}$	24921	1	32290
24923	$e^+e^- \to \pi^+\pi^-\rho^-K^+D^{*+}\eta_c\Sigma^0\bar{\Sigma}^-$	24922	1	32291
24924	$e^+e^- \to \pi^+K^*D^-D_s^-D_1'^+$	24923	1	32292
24925	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_1^-D_{s1}^-$	24924	1	32293
24926	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}p\bar{p}$	24925	1	32294
24927	$e^+e^- \to e^-\bar{\nu}_e\rho^-\omega K^0\bar{K}^0K^+D^{*+}$	24926	1	32295
24928	$e^+e^- \to e^+\nu_e\pi^0K^0K^-D^-D^{*+}$	24927	1	32296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24929	$e^+e^- \to \pi^+\pi^+\pi^-K^-D^{*0}\chi_{c1}$	24928	1	32297
24930	$e^+e^- \to \pi^0\pi^-\eta\omega K^*D^+D^{*+}\bar{D}^{*-}$	2899	1	32298
24931	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\eta\omega D^+$	24930	1	32299
24932	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0K^-D^{*+}D^{*+}$	24931	1	32300
24933	$e^+e^- \to e^-\bar{\nu}_e\omega K^0\eta_c D_0^{*+}$	24932	1	32301
24934	$e^+e^- \to \pi^-\rho^+\rho^-K^{*-}D^+D^{*+}\bar{D}^{*0}$	24933	1	32302
24935	$e^+e^- \to \mu^+\nu_\mu\eta\eta D^-\bar{D}^{*-}\bar{n}p$	24934	1	32303
24936	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0D^+D^-\Delta^{++}\bar{\Delta}^{++}\Sigma^-\bar{\Xi}^+$	24935	1	32304
24937	$e^+e^- \to \rho^0\rho^-K^{*-}D^{*+}\Delta^+\bar{\Xi}_c^{*0}$	24936	1	32305
24938	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^*\bar{K}^*K^+D^-D^{*+}$	24937	1	32306
24939	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D_2^{*+}D_{s1}'^-$	24938	1	32307
24940	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	24939	1	32308
24941	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta K^{*-}D^-D^{*+}\bar{D}^{*0}$	24940	1	32309
24942	$e^+e^- \to K_L\bar{K}^*D^+D^-\eta_c$	24941	1	32310
24943	$e^+e^- \to \pi^+\pi^-\rho^-\eta'D^+D^{*0}$	24942	1	32311
24944	$e^+e^- \to \pi^+\rho^+\eta K^-K^-K^{*+}\bar{D}^{*-}J/\psi$	2900	1	32312
24945	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}$	24944	1	32313
24946	$e^+e^- \to \pi^+\rho^-\eta\eta K^0\bar{K}^*D^+D^-$	2901	1	32314
24947	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^+\bar{D}^{*-}$	24946	1	32315
24948	$e^+e^- \to \pi^0\pi^0\eta K^0K^0K^-\phi D^+\eta_c$	24947	1	32316
24949	$e^+e^- \to \pi^-\rho^+\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	24948	1	32317
24950	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	24949	1	32318
24951	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^-D^0D_s^{*+}$	24950	1	32319
24952	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\omega K^+D^{*+}\bar{D}^0$	24951	1	32320
24953	$e^+e^- \to \pi^0K^0K^+K^-\phi D^-D^{*+}D^{*0}$	24952	1	32321
24954	$e^+e^- \to \eta K^-D^+\bar{D}^0\Sigma^{*0}\bar{\Omega}_c^{*0}$	24953	1	32322
24955	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-K^-\bar{D}^{*-}\chi_{c0}$	24954	1	32323
24956	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0K^*K^{*-}D^+D^+$	24955	1	32324
24957	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0K^+D^-n\bar{\Lambda}_c^-$	24956	1	32325
24958	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega\omega D^+$	24957	1	32326
24959	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+D^-D_0^{*+}$	24958	1	32327
24960	$e^+e^- \to \tau^+\nu_\tau K^{*-}D^+D^-\bar{D}^{*0}$	24959	1	32328

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24961	$e^+e^- \to \rho^0\rho^-K^0D^{*+}J/\psi$	24960	1	32329
24962	$e^+e^- \to \rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}n\bar{p}$	24961	1	32330
24963	$e^+e^- \to \pi^0\rho^0\pi^-K^*D^{*+}\bar{D}^0D^{*0}$	24962	1	32331
24964	$e^+e^- \to \pi^+\pi^-\rho^-\eta'D^{*+}n\bar{\Sigma}_c^{*0}$	24963	1	32332
24965	$e^+e^- \to \omega\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	24964	1	32333
24966	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^+D^-$	24965	1	32334
24967	$e^+e^- \to D^-\bar{D}^{*-}\bar{\Delta}^-na_1^+$	24966	1	32335
24968	$e^+e^- \to \pi^0\pi^0\rho^0D^-\bar{D}^{*0}D_s^+$	24967	1	32336
24969	$e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^0n\bar{\Sigma}_c^0$	24968	1	32337
24970	$e^+e^- \to \pi^+\pi^-D^+D^-$	24969	1	32338
24971	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^-D^-\bar{D}^{*-}$	24970	1	32339
24972	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^+K^-K^{*+}D^+D^-D_s^-\gamma$	24971	1	32340
24973	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^{*+}\bar{D}^{*-}n\bar{n}$	24972	1	32341
24974	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_2^{*+}\bar{\Sigma}^+\Sigma^-$	24973	1	32342
24975	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^0D_s^-$	24974	1	32343
24976	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}D_{s1}^+$	24975	1	32344
24977	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^+K^0\bar{K}^*D^-D^{*+}$	24976	1	32345
24978	$e^+e^- \to \pi^0\pi^+\bar{K}^*K^{*-}\bar{D}^{*-}D_s^{*+}$	24977	1	32346
24979	$e^+e^- \to \tau^+\nu_\tau\rho^0\omega\bar{D}^{*-}\bar{D}^0$	2902	1	32347
24980	$e^+e^- \to \bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-}D^0$	24979	1	32348
24981	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\omega D^-\bar{D}^{*-}$	24980	1	32349
24982	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*K^+K^-D^+D^-\bar{D}^{*-}$	2903	1	32350
24983	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+K^*K^*K^{*-}D^+D^{*+}\bar{D}^{*-}$	24982	1	32351
24984	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	24983	1	32352
24985	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega K^0D^{*+}J/\psi$	24984	1	32353
24986	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}a_1^-$	24985	1	32354
24987	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-K^0K^0K^-D^+D_s^{*-}$	24986	1	32355
24988	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	24987	1	32356
24989	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^+D^{*+}$	24988	1	32357
24990	$e^+e^- \to e^+\nu_e\eta D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	24989	1	32358
24991	$e^+e^- \to \pi^0\pi^0D^{*+}\bar{D}^0D^{*0}D_{s1}'^-$	24990	1	32359
24992	$e^+e^- \to \pi^-\rho^+\eta D^-\bar{D}^0D_s^{*+}$	24991	1	32360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
24993	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}\Delta^0\bar{p}$	24992	1	32361
24994	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+D^{*+}\bar{D}^0$	24993	1	32362
24995	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta\omega D^-D_s^+D_1^-$	24994	1	32363
24996	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*0}\bar{D}^{*0}D_0^{*+}$	24995	1	32364
24997	$e^+e^- \to \rho^-D_s^{*+}\bar{\Delta}^+\Sigma_c^{*++}D_1^-$	24996	1	32365
24998	$e^+e^- \to e^+\nu_e\pi^0\rho^+\rho^+\rho^-\bar{D}^{*-}D_1^-$	24997	1	32366
24999	$e^+e^- \to \rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*0}\bar{p}\Xi_c'^0$	2904	1	32367
25000	$e^+e^- \to \pi^+\eta D^{*+}\bar{D}^{*-}a_1^-$	24999	1	32368
25001	$e^+e^- \to \pi^0\pi^-\pi^-\omega\omega\omega K^-K^{*+}D^+D^+$	25000	1	32369
25002	$e^+e^- \to e^+\nu_e\rho^0D^0D_0^{*-}$	25001	1	32370
25003	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\bar{D}^{*-}D^{*0}$	25002	1	32371
25004	$e^+e^- \to \rho^0\rho^+\rho^-\omega K^{*+}\bar{D}^{*-}\bar{D}^0$	25003	1	32372
25005	$e^+e^- \to \pi^0\rho^0\rho^+D^-D^{*+}D_{s1}^-$	25004	1	32373
25006	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	25005	1	32374
25007	$e^+e^- \to \pi^+\rho^-K^-K^-D^+\bar{D}^0D_s^+n\bar{n}$	25006	1	32375
25008	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}$	25007	1	32376
25009	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	25008	1	32377
25010	$e^+e^- \to \pi^+\pi^-D^+D^+D_s^-\Delta^0\bar{\Delta}^+$	25009	1	32378
25011	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-D^+D_2^{*-}$	25010	1	32379
25012	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	25011	1	32380
25013	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}D^{*+}D_s^{*-}$	25012	1	32381
25014	$e^+e^- \to \pi^0D^{*+}D_s^-\Delta^0\bar{\Sigma}_c^{*0}$	25013	1	32382
25015	$e^+e^- \to e^+\nu_e\pi^-K^+D^-\bar{D}^0\bar{\Delta}^0\Sigma^{*0}$	25014	1	32383
25016	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0D^{*+}\bar{D}^{*-}D^0$	25015	1	32384
25017	$e^+e^- \to \pi^0\pi^-\rho^+K^+D^+n\bar{\Delta}^+\bar{\Delta}^+\Omega_c^{*0}$	25016	1	32385
25018	$e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^0\bar{p}\Delta^+$	25017	1	32386
25019	$e^+e^- \to \mu^+\nu_\mu\eta D^-\bar{D}^0$	25018	1	32387
25020	$e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}D^0p\bar{\Delta}^+$	25019	1	32388
25021	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^0\pi^-D^{*+}D_2^{*-}$	25020	1	32389
25022	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^-D^+D^{*+}\bar{D}^0$	25021	1	32390
25023	$e^+e^- \to \pi^0\pi^+\eta\bar{D}^{*-}D_2^{*+}D_s^-p\bar{p}$	25022	1	32391
25024	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	25023	1	32392

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25025	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^0$	25024	1	32393
25026	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	25025	1	32394
25027	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{K}^0D^-D^-D^0$	25026	1	32395
25028	$e^+e^- \to \pi^+\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+$	25027	1	32396
25029	$e^+e^- \to \pi^+D^{*+}n\bar{\Sigma}_c^-D_{s1}'^-$	25028	1	32397
25030	$e^+e^- \to \rho^-D^{*+}D_2^{*+}D_s^{*-}$	25029	1	32398
25031	$e^+e^- \to \pi^+\pi^-\rho^-\eta\bar{K}^0D^+D^+\bar{D}^{*-}$	25030	1	32399
25032	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}$	25031	1	32400
25033	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^*K^-D^+D^-$	25032	1	32401
25034	$e^+e^- \to \pi^+\pi^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^+$	25033	1	32402
25035	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	25034	1	32403
25036	$e^+e^- \to \pi^-\omega K^+K^-K^-D^+\bar{D}^{*-}\Delta^{++}\bar{\Lambda}$	25035	1	32404
25037	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^0K^{*-}D^+\bar{D}^{*-}$	25036	1	32405
25038	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-K^*\bar{K}^*D^{*+}D^{*+}$	25037	1	32406
25039	$e^+e^- \to \pi^0\pi^0\eta\eta\bar{K}^0K^{*+}D^-\bar{D}^{*-}D_s^{*+}$	25038	1	32407
25040	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-\bar{D}^{*-}a_1^+$	25039	1	32408
25041	$e^+e^- \to \pi^0\pi^+\omega D^-D^{*+}n\bar{p}$	25040	1	32409
25042	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-D^{*0}\bar{D}^{*0}\bar{p}\Delta^+$	25041	1	32410
25043	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\omega D^+\bar{D}^{*-}$	25042	1	32411
25044	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0K^+D^+\bar{D}^{*-}D^0\bar{D}^0$	25043	1	32412
25045	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^0$	25044	1	32413
25046	$e^+e^- \to \rho^0\pi^+\rho^-\eta K^0\bar{K}^0K^*K^+D^-D^{*0}$	25045	1	32414
25047	$e^+e^- \to \rho^0\rho^0\pi^+\omega K^0D^{*+}\bar{D}^{*-}D_s^{*-}$	25046	1	32415
25048	$e^+e^- \to \pi^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D^{*0}$	25047	1	32416
25049	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^*\bar{K}^*D^-a_1^+$	25048	1	32417
25050	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-\omega D^+\bar{D}^{*-}$	25049	1	32418
25051	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^-D^{*+}\eta_c$	25050	1	32419
25052	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\omega\bar{K}^0K^*K^+D^+\Sigma^-\bar{\Sigma}^0$	25051	1	32420
25053	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^+K^{*-}D^+D^-$	25052	1	32421
25054	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^+\bar{D}^{*-}$	25053	1	32422
25055	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^0K^-D^-D^{*+}$	25054	1	32423
25056	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}D_s^{*-}$	25055	1	32424

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25057	$e^+e^- \to \pi^+\pi^- D^+ \bar{D}^{*-} D_s^- D_s^{*+}$	25056	1	32425
25058	$e^+e^- \to \omega \bar{D}^{*-} D_s^{*+} \Delta^+ \bar{\Sigma}_c^{*-}$	25057	1	32426
25059	$e^+e^- \to e^+\nu_e \pi^0 \pi^- D^{*+} D_1'^-$	25058	1	32427
25060	$e^+e^- \to \pi^0 \omega D^+ \bar{D}^{*-} n\bar{p} a_1^+$	25059	1	32428
25061	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta \bar{K}^0 K^- D^- \bar{D}^{*0} D_s^{*+}$	25060	1	32429
25062	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0 \bar{K}^* K^+ D^- D^0$	25061	1	32430
25063	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^- D^{*+}$	25062	1	32431
25064	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-\omega D^{*+} D^{*+}$	25063	1	32432
25065	$e^+e^- \to \pi^0\rho^0\omega \bar{K}^0 K^{*+} D^- \bar{p} \Sigma_c^+$	25064	1	32433
25066	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+} \bar{D}^{*-} p\bar{p}$	25065	1	32434
25067	$e^+e^- \to \mu^+\nu_\mu \pi^0\rho^0\pi^+\pi^+\pi^-\rho^- D^- D^{*0}$	25066	1	32435
25068	$e^+e^- \to \pi^0\eta \bar{K}^0 K^+ \bar{D}^{*-} D^{*0} n\bar{n}$	25067	1	32436
25069	$e^+e^- \to \pi^0 D^+ D_2^{*-} D_s^+ D_s^{*-}$	25068	1	32437
25070	$e^+e^- \to \pi^0\pi^+\rho^- D^{*+} D^0 D_s^-$	25069	1	32438
25071	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta\eta \bar{K}^* K^{*+} D^+ D^-$	25070	1	32439
25072	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^+ p \bar{\Xi}_c^{*-}$	25071	1	32440
25073	$e^+e^- \to \pi^-\eta K^+ \bar{D}^{*-} D_s^{*+}$	25072	1	32441
25074	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta D^+ \bar{D}^{*-}$	25073	1	32442
25075	$e^+e^- \to \pi^+\pi^-\pi^- K^0 D^+ D^{*0} \bar{D}^{*0} n\bar{n}$	25074	1	32443
25076	$e^+e^- \to \rho^0\rho^0\rho^+\omega D^- D^- D^{*+}$	25075	1	32444
25077	$e^+e^- \to \pi^+\rho^-\eta K^0 D^+ D^- \bar{n}\Lambda$	25076	1	32445
25078	$e^+e^- \to \mu^-\bar{\nu}_\mu \rho^0\pi^-\eta\omega D^{*+} D^{*+}$	25077	1	32446
25079	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+ K^0 \bar{K}^0 \bar{K}^* D^- D^{*0}$	25078	1	32447
25080	$e^+e^- \to \mu^+\nu_\mu \pi^0\pi^-\rho^+\rho^-\omega D^+ D_2^{*-}$	25079	1	32448
25081	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^- D^+ D^- \bar{n}p$	25080	1	32449
25082	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^{*+} D^{*+} \bar{D}^{*-} D^{*0}$	25081	1	32450
25083	$e^+e^- \to K^* D^{*+} D^{*+} \bar{D}^{*-} n\bar{p}$	25082	1	32451
25084	$e^+e^- \to \pi^+\pi^- D^+ D_s^{*-} \Delta^{++} \bar{\Sigma}_c^{*--}$	25083	1	32452
25085	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- D^{*+} \bar{D}^{*0}$	25084	1	32453
25086	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+ D^- D_0^{*+}$	25085	1	32454
25087	$e^+e^- \to e^-\bar{\nu}_e \eta K^* D^{*+} \bar{D}^0 D^{*0}$	25086	1	32455
25088	$e^+e^- \to \pi^+ K^* \bar{K}^* D^+ D^- \bar{D}^{*-}$	25087	1	32456

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25089	$e^+e^- \to \pi^0\rho^0\rho^- D^+\bar{D}^{*-}D_s^+$	25088	1	32457
25090	$e^+e^- \to \rho^- K^* D^- D^{*+} D^{*+}$	25089	1	32458
25091	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+\bar{D}^{*-}D^{*0}D_1'^+$	25090	1	32459
25092	$e^+e^- \to \pi^- D^+ p\bar{\Sigma}_c^0 a_1^-$	25091	1	32460
25093	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\omega K^0\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0}$	25092	1	32461
25094	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^- K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	25093	1	32462
25095	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-D_s^{*+}$	25094	1	32463
25096	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0K^0\bar{K}^0K^+K^-K^{*-}D^+\bar{D}^{*-}$	2905	1	32464
25097	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^-\eta K^-D^+D^{*+}$	25096	1	32465
25098	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	25097	1	32466
25099	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}\bar{D}^{*-}D^0D_0^{*+}$	25098	1	32467
25100	$e^+e^- \to \rho^0\pi^+\pi^-\eta\bar{K}^0D^+D^0\bar{D}^{*0}n\bar{p}$	25099	1	32468
25101	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta\omega K^0K^-D^-D^{*+}$	25100	1	32469
25102	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	25101	1	32470
25103	$e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^0\bar{K}^*K^{*+}D^-\bar{D}^{*-}D^0$	25102	1	32471
25104	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*D^{*+}\bar{D}^{*-}$	25103	1	32472
25105	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega\bar{K}^*D^-D^{*+}$	25104	1	32473
25106	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^-\rho^-\omega\bar{K}^0K^+D^+D^+$	25105	1	32474
25107	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^-D^+D^-\bar{D}^0$	25106	1	32475
25108	$e^+e^- \to \rho^0\pi^+\bar{K}^0D^-\bar{D}^{*0}D_s^+\Lambda\bar{\Sigma}^-$	25107	1	32476
25109	$e^+e^- \to e^+\nu_e\pi^0\pi^+K^-\bar{D}^{*-}\psi'$	25108	1	32477
25110	$e^+e^- \to \pi^0\pi^-\pi^-\eta K^+\eta' D^{*+}\eta_c$	25109	1	32478
25111	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^+\rho^-K^-D^+D^-D^-$	25110	1	32479
25112	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^0D_s^+$	25111	1	32480
25113	$e^+e^- \to e^+\nu_e\eta K^-D^-D^{*+}\bar{D}^0$	25112	1	32481
25114	$e^+e^- \to \pi^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*-}D^0D_s^+$	25113	1	32482
25115	$e^+e^- \to \pi^+K^{*+}K^{*-}\phi D^-\bar{D}^{*-}\Delta^0\bar{\Sigma}^+$	25114	1	32483
25116	$e^+e^- \to \rho^0\rho^+\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	25115	1	32484
25117	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-K^0K^+K^{*-}D^+$	25116	1	32485
25118	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^*K^{*+}D^+D_s^-$	25117	1	32486
25119	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^-\omega D^+D_1^+$	25118	1	32487
25120	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-\bar{\Delta}^+\Delta^{++}$	25119	1	32488

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25121	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\omega D^- D^{*+} p\bar{\Delta}^+$	25120	1	32489
25122	$e^+e^- \to K^0\bar{K}^0\bar{K}^0\bar{D}^0\Delta^+\bar{\Sigma}^-$	25121	1	32490
25123	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^* D^{*+} D_s^+ D_s^-$	25122	1	32491
25124	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^* K^+ D^{*+}\bar{D}^{*-} D_s^{*-}$	25123	1	32492
25125	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^* K^+\bar{D}^{*-}\bar{D}^{*0}$	25124	1	32493
25126	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0 D^- D^{*+} D_1'^-$	25125	1	32494
25127	$e^+e^- \to e^-\bar{\nu}_e\tau^-\bar{\nu}_\tau D^{*+} D_0^{*+}$	25126	1	32495
25128	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	25127	1	32496
25129	$e^+e^- \to \rho^-\omega K^0 D^{*+} D^{*0}\bar{D}^{*0}$	25128	1	32497
25130	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+ D^{*+}$	25129	1	32498
25131	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^- D^+\bar{D}^{*-}$	25130	1	32499
25132	$e^+e^- \to \pi^0\rho^0\pi^- K^0 D^+ D^+ D^-$	25131	1	32500
25133	$e^+e^- \to \rho^-\omega\omega D^- D^{*+} a_1^+$	25132	1	32501
25134	$e^+e^- \to \pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-} a_1^+$	25133	1	32502
25135	$e^+e^- \to \rho^-\eta D^- D^{*+}\bar{n}p$	25134	1	32503
25136	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-} p\bar{\Delta}^+$	25135	1	32504
25137	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0 K^- K^{*+} D^+ D^-$	25136	1	32505
25138	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- D^-\bar{\Delta}^+\Sigma_c^{++}$	2906	1	32506
25139	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+ D^-$	25138	1	32507
25140	$e^+e^- \to \pi^0\rho^0\pi^- K^{*+} K^{*-} D^{*+}\bar{D}^{*-} a_1^+$	25139	1	32508
25141	$e^+e^- \to \pi^0\pi^+\bar{K}^0 D^- D^{*+} D^0 a_1^-$	25140	1	32509
25142	$e^+e^- \to e^+\nu_e\pi^+ K^- D^-\bar{D}^0 D^{*0}$	25141	1	32510
25143	$e^+e^- \to \rho^0\rho^+ K^0\bar{K}^0 D^- D^{*+}\bar{D}^{*-} D^0$	25142	1	32511
25144	$e^+e^- \to e^+\nu_e\pi^+\pi^- K^*\bar{D}^{*-}\bar{D}^0 D^{*0}$	25143	1	32512
25145	$e^+e^- \to K^0 K^{*+} D^+\bar{D}^{*-} D^{*0}\bar{p}\Sigma^0$	25144	1	32513
25146	$e^+e^- \to K^0 D^+\bar{D}^{*-} D_2^{*+} D_s^{*-}$	25145	1	32514
25147	$e^+e^- \to \pi^0\rho^0\rho^- D^- D^{*+}\bar{n}p$	25146	1	32515
25148	$e^+e^- \to \pi^0\rho^-\eta\omega\omega D^+\bar{D}^{*-}\bar{\Delta}^- n$	25147	1	32516
25149	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D_2^{*+} D^{*0} D_s^{*-}$	25148	1	32517
25150	$e^+e^- \to \rho^0\pi^-\eta\eta K^{*-} D^{*+} p\bar{\Omega}_c^0$	25149	1	32518
25151	$e^+e^- \to \pi^0\rho^0\pi^- K^+ D^+ D^- D^0$	25150	1	32519
25152	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0 K^{*+} D^{*+}\bar{D}^{*-}$	25151	1	32520

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25153	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^-D^{*+}n\bar{n}$	25152	1	32521
25154	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^+D^-J/\psi$	25153	1	32522
25155	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta D^-D^{*+}D_s^-$	25154	1	32523
25156	$e^+e^- \to \rho^+D^+\bar{p}\Sigma_c^0D_{s0}^{*-}$	25155	1	32524
25157	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^{*+}\bar{D}^0D_s^+$	25156	1	32525
25158	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\rho^-K^*D^{*+}D^{*0}$	25157	1	32526
25159	$e^+e^- \to \pi^-K^+K^{*-}D^+D^-D_{s1}'^+$	25158	1	32527
25160	$e^+e^- \to e^-\bar{\nu}_e\eta K^0D^{*+}\eta_c$	25159	1	32528
25161	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-D^+\bar{D}^0$	25160	1	32529
25162	$e^+e^- \to \rho^-K^0\bar{K}^0K^*\bar{K}^*D^{*+}\bar{D}^{*0}$	25161	1	32530
25163	$e^+e^- \to \pi^+\omega K^0\bar{K}^*K^{*-}\bar{D}^{*-}a_1^+$	25162	1	32531
25164	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^+D_s^{*+}D_s^{*-}$	25163	1	32532
25165	$e^+e^- \to \pi^-K^{*+}D^+D^{*+}\bar{D}^{*-}n\bar{p}$	25164	1	32533
25166	$e^+e^- \to e^+\nu_e\rho^-D^+D^-\gamma$	25165	1	32534
25167	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta\omega K^0K^0\bar{K}^0K^{*-}D^+D_s^{*-}$	25166	1	32535
25168	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^-D^+D_1^-$	25167	1	32536
25169	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-D^-D^{*+}$	25168	1	32537
25170	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+D^-D^0D_s^{*-}$	25169	1	32538
25171	$e^+e^- \to \pi^0\rho^0\pi^-K^+K^-D^+\bar{D}^{*-}D_{s0}^{*+}$	25170	1	32539
25172	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\rho^-K^+D^{*+}\eta_c(2S)$	25171	1	32540
25173	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\rho^+\rho^-\bar{D}^{*-}D^0$	25172	1	32541
25174	$e^+e^- \to \pi^-\eta K_SK^+K^-D^{*+}$	25173	1	32542
25175	$e^+e^- \to \rho^+\rho^-\omega\bar{D}^{*-}D_1^+$	25174	1	32543
25176	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^0$	25175	1	32544
25177	$e^+e^- \to \pi^0\rho^0\rho^0D^+\bar{D}^0D_s^{*-}$	25176	1	32545
25178	$e^+e^- \to \rho^+\eta K^+K^-D^-D^{*+}D_s^-$	25177	1	32546
25179	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+D^-\bar{\Sigma}^+\Sigma^-$	25178	1	32547
25180	$e^+e^- \to \pi^0\eta\omega K^{*-}D^-D^{*+}\bar{D}^{*0}\bar{n}p$	25179	1	32548
25181	$e^+e^- \to \pi^+K^-\bar{D}^{*-}D_s^{*+}\psi'$	25180	1	32549
25182	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-K^+K^{*-}D^{*+}\bar{D}^{*-}$	25181	1	32550
25183	$e^+e^- \to \pi^-D^{*+}\bar{n}\Lambda_c^+a_1^-$	25182	1	32551
25184	$e^+e^- \to D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}\Sigma^{*-}\bar{\Sigma}^{*0}$	25183	1	32552

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25185	$e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0K^+K^-K^-K^{*+}\bar{D}^{*-}D^{*0}$	25184	1	32553
25186	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0$	25185	1	32554
25187	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^-D^{*+}$	25186	1	32555
25188	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^+D^-$	25187	1	32556
25189	$e^+e^- \to \pi^0\rho^0\pi^-K^{*+}D^{*+}D_s^-J/\psi$	25188	1	32557
25190	$e^+e^- \to \pi^0\pi^-\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	25189	1	32558
25191	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^{*-}D^{*+}\bar{D}^{*-}$	25190	1	32559
25192	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu D^-D_1^-$	25191	1	32560
25193	$e^+e^- \to \rho^+D^0\bar{D}^{*0}D_s^{*-}\bar{n}\Delta^0$	25192	1	32561
25194	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta D^+D^-n\bar{p}$	25193	1	32562
25195	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0D^{*+}J/\psi$	25194	1	32563
25196	$e^+e^- \to \pi^0\pi^-\eta D^+K_1^0\psi(3770)$	25195	1	32564
25197	$e^+e^- \to \pi^+\bar{K}^0D^+D^-\bar{D}^{*-}$	25196	1	32565
25198	$e^+e^- \to \pi^0\pi^0\rho^0K^0D^+D^0\bar{D}^0a_1^-$	25197	1	32566
25199	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_2^{*+}n\bar{n}$	25198	1	32567
25200	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+D^-D^{*+}$	25199	1	32568
25201	$e^+e^- \to \pi^+\pi^+\omega\bar{K}^*D^-\bar{D}^{*-}D^0$	25200	1	32569
25202	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\omega D^-D_1'^+$	25201	1	32570
25203	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	25202	1	32571
25204	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^0$	25203	1	32572
25205	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega K^+D^-D^0\bar{D}^{*0}$	25204	1	32573
25206	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta D^+\bar{D}^{*-}n\bar{n}$	25205	1	32574
25207	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	25206	1	32575
25208	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^0\bar{K}^*K^+K^-D^+\bar{D}^{*-}$	25207	1	32576
25209	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D_1^+D_1^-$	25208	1	32577
25210	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^+D^{*+}$	25209	1	32578
25211	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-}$	25210	1	32579
25212	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\bar{D}^{*-}D_0^{*+}$	25211	1	32580
25213	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}D^{*+}$	25212	1	32581
25214	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-K^-D^+\bar{D}^0$	25213	1	32582
25215	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+K^0K^-K^-\bar{D}^{*-}D^0$	25214	1	32583
25216	$e^+e^- \to K^-D^{*+}D^{*+}\bar{D}^0D_{s1}'^-$	25215	1	32584

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25217	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\eta\eta D^+D^-$	25216	1	32585
25218	$e^+e^- \to e^+\nu_e\pi^-K^+K^{*-}D^+\bar{D}^{*-}n\bar{n}$	25217	1	32586
25219	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^{*+}\eta_c D_1'^+$	25218	1	32587
25220	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^+D^-$	25219	1	32588
25221	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	25220	1	32589
25222	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega D^+D^-\bar{n}p$	25221	1	32590
25223	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega D^-D_0^{*+}$	25222	1	32591
25224	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega K^+K^-D^{*+}\bar{D}^{*-}$	25223	1	32592
25225	$e^+e^- \to e^+\nu_e\rho^-\omega\omega D^{*+}D_1^-$	25224	1	32593
25226	$e^+e^- \to e^+\nu_e\bar{K}^0D^-D^-D^{*+}$	25225	1	32594
25227	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*+}n\bar{n}$	25226	1	32595
25228	$e^+e^- \to \pi^+\pi^+\pi^+\rho^+\rho^-\omega\omega K^-D^-\bar{D}^{*-}$	25227	1	32596
25229	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}n\bar{n}$	25228	1	32597
25230	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_2^{*+}D^0\bar{D}^0$	25229	1	32598
25231	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	25230	1	32599
25232	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\bar{K}^*D^-$	25231	1	32600
25233	$e^+e^- \to e^+\nu_e\rho^0\pi^-\eta D^+D^-$	25232	1	32601
25234	$e^+e^- \to \pi^0\rho^0K^0K^+K^-D^-D^{*+}D^{*0}$	25233	1	32602
25235	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{p}$	25234	1	32603
25236	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}\bar{D}^{*-}p\bar{p}$	25235	1	32604
25237	$e^+e^- \to \rho^0\pi^+\rho^-D_2^{*+}n\bar{p}$	25236	1	32605
25238	$e^+e^- \to \pi^+\eta\bar{D}^{*-}\bar{D}^{*-}D_s^+$	25237	1	32606
25239	$e^+e^- \to \pi^0\rho^-\omega D^+D_2^{*-}D_s^+$	25238	1	32607
25240	$e^+e^- \to \pi^0\pi^+\rho^-\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	25239	1	32608
25241	$e^+e^- \to \pi^0\rho^-\omega D^+D^-D_s^+$	25240	1	32609
25242	$e^+e^- \to \pi^-\pi^-\eta K^+D^{*+}\bar{D}^0D^{*0}$	25241	1	32610
25243	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^+K^+K^-D^-D^{*+}$	25242	1	32611
25244	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\omega D^0\bar{D}^0$	25243	1	32612
25245	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^{*+}D_0^{*-}$	25244	1	32613
25246	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}\bar{D}^{*-}D^0\bar{p}\Delta^{++}$	25245	1	32614
25247	$e^+e^- \to e^+\nu_e\rho^0K^-D^-\bar{p}\Sigma_c^{*++}$	25246	1	32615
25248	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\omega K^+D^-D^-D^{*0}$	25247	1	32616

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25249	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^-D^{*+}\bar{\Delta}^-\Delta^-$	25248	1	32617
25250	$e^+e^- \to \pi^+\pi^-K^*D^-\bar{D}^0\bar{\Delta}^-\Delta^0\Lambda\bar{\Lambda}\gamma$	25249	1	32618
25251	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\omega\bar{K}^0K^-\bar{D}^{*-}n\bar{\Lambda}$	25250	1	32619
25252	$e^+e^- \to K_SK^*D^0\bar{D}^0\psi'$	25251	1	32620
25253	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-D^+\bar{D}^0D_s^+$	2907	1	32621
25254	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D^{*0}\bar{n}\Lambda$	25253	1	32622
25255	$e^+e^- \to K^*D^-D^{*+}\bar{D}^{*-}D_s^+\gamma$	25254	1	32623
25256	$e^+e^- \to K^0K^-D^{*+}\bar{D}^{*-}a_1^+$	25255	1	32624
25257	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^-D^+\bar{n}\Lambda_c^+$	25256	1	32625
25258	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^+K^0K^-\phi D_1^-$	25257	1	32626
25259	$e^+e^- \to \mu^-\bar{\nu}_\mu K^-D^{*+}\bar{D}^{*0}D_0^{*+}$	25258	1	32627
25260	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\omega\eta'\bar{D}^{*-}\bar{D}^{*-}$	25259	1	32628
25261	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\rho^+D^-D^{*+}$	25260	1	32629
25262	$e^+e^- \to \pi^0\pi^+\pi^+\omega\eta'D^-D^0D_s^-$	25261	1	32630
25263	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^{*+}D^-\bar{D}^{*-}D^0$	25262	1	32631
25264	$e^+e^- \to \mu^+\nu_\mu\rho^+\bar{D}^{*-}D_1^-$	25263	1	32632
25265	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	25264	1	32633
25266	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-D^+D_2^{*+}D_s^{*-}$	25265	1	32634
25267	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^+$	25266	1	32635
25268	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^*D^{*+}\bar{D}^0D^{*0}$	25267	1	32636
25269	$e^+e^- \to \pi^0\pi^0K^+D^-D^{*0}D^{*0}$	25268	1	32637
25270	$e^+e^- \to \rho^-D^+D^-\bar{p}\Delta^+a_1^+$	25269	1	32638
25271	$e^+e^- \to \pi^+\omega\omega K^0D^-\bar{D}^0$	25270	1	32639
25272	$e^+e^- \to K^0K^-D^+D^+\bar{D}^{*-}\bar{D}^0$	25271	1	32640
25273	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+K_1^0\psi(3770)$	25272	1	32641
25274	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0\bar{D}^{*-}D_1^-$	25273	1	32642
25275	$e^+e^- \to \pi^0\pi^-D^+\bar{D}^0D_s^+\Delta^0\bar{p}$	25274	1	32643
25276	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+n\bar{\Lambda}_c^-D_0^{*+}$	25275	1	32644
25277	$e^+e^- \to K^+K^-D^-D^{*+}D_s^+a_1^-\gamma\gamma$	25276	1	32645
25278	$e^+e^- \to \pi^+\eta\omega D^-D_s^{*-}D_1^+$	25277	1	32646
25279	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-D_s^{*+}D_1'^-$	25278	1	32647
25280	$e^+e^- \to e^-\bar{\nu}_e\omega K^{*+}D^-D^{*+}$	25279	1	32648

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25281	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0D^+D^+D^-D_s^{*-}$	25280	1	32649
25282	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0K^*K^-K^-D^+D^+\bar{D}^0$	25281	1	32650
25283	$e^+e^- \to K^{*+}D^+D^-D^0\Delta^-\bar{\Delta}^0$	25282	1	32651
25284	$e^+e^- \to \pi^-\rho^-\eta\eta\omega D^{*+}D^{*+}$	25283	1	32652
25285	$e^+e^- \to \mu^+\nu_\mu D^-D_2^{*-}D_s^{*+}$	25284	1	32653
25286	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^*D^+D^+\bar{D}^{*-}$	25285	1	32654
25287	$e^+e^- \to \pi^0\pi^0K^0K^{*-}D^{*+}\bar{D}^{*-}a_1^+$	25286	1	32655
25288	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}\bar{D}^0$	25287	1	32656
25289	$e^+e^- \to e^+\nu_eK^+D^-\bar{p}\Omega_c^{*0}$	25288	1	32657
25290	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^0D^-\bar{\Sigma}^-\Xi_c^+$	25289	1	32658
25291	$e^+e^- \to \rho^+K^-D^+\bar{D}^{*0}D_1'^-$	25290	1	32659
25292	$e^+e^- \to \pi^+\rho^-K^+D^0\bar{D}^0\Delta^0\bar{\Sigma}_c^{*-}$	25291	1	32660
25293	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^{*+}\eta'D^-\bar{D}^{*-}$	25292	1	32661
25294	$e^+e^- \to \pi^0\pi^0\rho^+D^+D^-D_s^-$	25293	1	32662
25295	$e^+e^- \to \pi^-\pi^-\omega D^+\bar{D}^0D_s^+$	25294	1	32663
25296	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}D^{*0}$	25295	1	32664
25297	$e^+e^- \to \rho^-\rho^-\omega\omega\omega D^{*+}D^{*+}$	25296	1	32665
25298	$e^+e^- \to \rho^+\eta\bar{n}\Delta^0\bar{\Sigma}_c^-\Xi_c'^0$	25297	1	32666
25299	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0K^0\bar{K}^0D^{*0}D_1^-$	25298	1	32667
25300	$e^+e^- \to \pi^0\rho^0D^-D^{*0}D_s^+$	25299	1	32668
25301	$e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	25300	1	32669
25302	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}p\bar{\Sigma}_c^{*0}$	25301	1	32670
25303	$e^+e^- \to e^+\nu_eK^*K^-D^+\bar{D}^{*-}n\bar{n}$	25302	1	32671
25304	$e^+e^- \to \pi^+\rho^-\omega K^0\bar{K}^0K^+K^-D^-D^{*+}$	25303	1	32672
25305	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}n\bar{p}$	25304	1	32673
25306	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^+\bar{D}^{*-}$	25305	1	32674
25307	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-D^-D^{*+}$	25306	1	32675
25308	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0D^{*+}\Delta^-\bar{n}$	25307	1	32676
25309	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^-D_1^+$	25308	1	32677
25310	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau X_u^+\bar{D}^{*-}$	25309	1	32678
25311	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^-\omega D^+\bar{D}^{*0}$	25310	1	32679
25312	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}D^0D_s^{*+}$	25311	1	32680

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25313	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^+ D^{*+} \Delta^- \bar{n}$	25312	1	32681
25314	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*0} \bar{n} \Delta^0$	25313	1	32682
25315	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- \bar{K}^0 J/\psi$	25314	1	32683
25316	$e^+e^- \to \rho^0\pi^+\rho^-\rho^- K^+ K^- D^+ D^- D^{*+}$	25315	1	32684
25317	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^- K^- D^+ \bar{D}^{*-} \bar{D}^{*0}$	25316	1	32685
25318	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\omega K^0 K^{*-} D^+ D^-$	25317	1	32686
25319	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta D^+ D^-$	25318	1	32687
25320	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^* K^- D^0 \bar{D}^0 D^{*0} p\bar{p}$	25319	1	32688
25321	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega D^+ \bar{D}^{*0} \bar{p} \Delta^+$	2908	1	32689
25322	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+ K^{*-} D^- D^{*+} \bar{D}^{*0}$	25321	1	32690
25323	$e^+e^- \to \pi^0\pi^+ \bar{D}^{*-} D^{*0} D_s^{*-} \bar{\Delta}^+ \Delta^{++}$	25322	1	32691
25324	$e^+e^- \to K^{*-} D^+ D^{*+} \bar{D}^0 \Delta^0 \bar{\Delta}^+$	25323	1	32692
25325	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^- D^{*+}$	25324	1	32693
25326	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- K^+ D^{*+} D^0 \bar{D}^0$	25325	1	32694
25327	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- \bar{K}^0 D^- D_s^{*+} \chi_{c1}$	25326	1	32695
25328	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\rho^- K^+ D^+ \bar{D}^{*0}$	25327	1	32696
25329	$e^+e^- \to D_2^{*-} D^0 D_s^{*+} \bar{n} \Sigma^0$	25328	1	32697
25330	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 K^* \bar{K}^* K^+ K^- D^{*+} D^{*0} \bar{D}^{*0}$	25329	1	32698
25331	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta D^+ D^-$	25330	1	32699
25332	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^- \bar{K}^* D^- \bar{D}^{*-} D^{*0}$	25331	1	32700
25333	$e^+e^- \to \pi^+\pi^+\rho^+ K^0 K^- \bar{D}^{*-} \Delta^+ \bar{\Sigma}_c^{*--}$	25332	1	32701
25334	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ K^- D^0 p \bar{\Sigma}_c^-$	25333	1	32702
25335	$e^+e^- \to \omega K^0 D^+ D^- D^{*+} D_s^{*-}$	25334	1	32703
25336	$e^+e^- \to e^+\nu_e \bar{K}^* K^+ \bar{D}^{*-} D_1'^-$	25335	1	32704
25337	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^+ D^+ \Sigma^{*0} \bar{\Lambda}_c^-$	25336	1	32705
25338	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau \bar{D}^{*-} a_1^+$	25337	1	32706
25339	$e^+e^- \to \pi^- K^{*+} D^- D^0 \bar{D}^{*0} \bar{\Delta}^0 \Delta^+$	25338	1	32707
25340	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^{*-} D^+ \Delta^+ \bar{\Sigma}_c^{*0}$	25339	1	32708
25341	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^- K^0 K^{*-} D^- D^{*+}$	25340	1	32709
25342	$e^+e^- \to K^0 K^- D^0 \bar{D}^{*0} \bar{\Lambda} \Sigma_c^+$	25341	1	32710
25343	$e^+e^- \to \pi^0\pi^0\pi^+ K^0 \bar{K}^0 K^- D^- D^{*+} \bar{D}^0 p\bar{p}$	25342	1	32711
25344	$e^+e^- \to \pi^0\pi^- K^0 K^0 \bar{K}^0 D^+ D^{*0} \bar{D}^{*0}$	25343	1	32712

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25345	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\eta\eta D^-\bar{D}^{*-}$	25344	1	32713
25346	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}n\bar{n}$	25345	1	32714
25347	$e^+e^- \to \rho^+\rho^+\rho^-\bar{K}^0K^+D^-D^-\gamma$	25346	1	32715
25348	$e^+e^- \to K^*K^{*+}D^-D^{*+}\bar{D}^{*-}D^0$	25347	1	32716
25349	$e^+e^- \to \pi^+K^-K^{*+}\bar{D}^{*-}D^0\bar{n}\Lambda$	25348	1	32717
25350	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0$	25349	1	32718
25351	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{D}^{*-}\bar{n}\Lambda_c^+$	2909	1	32719
25352	$e^+e^- \to \pi^0K^0D^+D^{*0}\bar{D}^{*0}D_s^{*-}$	25351	1	32720
25353	$e^+e^- \to \pi^+\pi^+\rho^-D^+D^-D_{s1}'^-$	25352	1	32721
25354	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^{*+}\Delta^-\bar{n}$	25353	1	32722
25355	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+p\bar{\Sigma}_c^-$	25354	1	32723
25356	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^*K^+D^-D_1^+$	25355	1	32724
25357	$e^+e^- \to \rho^-\bar{K}^0K^+D^-D^{*+}$	25356	1	32725
25358	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	25357	1	32726
25359	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta D^+D_2^{*-}n\bar{n}$	25358	1	32727
25360	$e^+e^- \to e^-\bar{\nu}_eK^0D^+J/\psi$	25359	1	32728
25361	$e^+e^- \to \pi^+\pi^-\rho^+K^0D^-D^{*0}\bar{D}^{*0}$	25360	1	32729
25362	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^0\bar{n}\Delta^+$	650	1	32730
25363	$e^+e^- \to \pi^0\rho^+\bar{K}^*K^-D^+D^-n\bar{n}$	25362	1	32731
25364	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-}a_1^+\gamma$	25363	1	32732
25365	$e^+e^- \to K^*D^{*+}D^0D_{s1}'^-$	25364	1	32733
25366	$e^+e^- \to \pi^0\pi^+D^+\bar{D}^{*-}D_s^{*-}\Delta^0\bar{\Delta}^0$	25365	1	32734
25367	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^{*+}\bar{D}^{*-}D_s^+$	25366	1	32735
25368	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{K}^*D^-\eta_c$	2911	1	32736
25369	$e^+e^- \to K^0K^{*-}D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	25368	1	32737
25370	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^+D^+D^-n\bar{p}$	2912	1	32738
25371	$e^+e^- \to \rho^0\pi^-\eta\omega D^{*+}n\bar{\Sigma}_c^0$	25370	1	32739
25372	$e^+e^- \to \rho^-D^-D_s^{*+}\bar{n}\Sigma_c^{*+}$	25371	1	32740
25373	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^+D^+D^-$	25372	1	32741
25374	$e^+e^- \to \pi^0\pi^+\omega K^0K^-D^-D^{*+}$	25373	1	32742
25375	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+D^-$	25374	1	32743
25376	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\Delta^0\bar{\Omega}_c^{*0}$	2913	1	32744

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25377	$e^+e^- \to \rho^0\pi^+\rho^+K^-K^{*+}\bar{D}^{*-}D^0D_s^-$	25376	1	32745
25378	$e^+e^- \to \pi^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	25377	1	32746
25379	$e^+e^- \to \omega D^+D^-\bar{n}pD_{s1}'^-$	25378	1	32747
25380	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-K^0K^-D^+D^{*0}$	25379	1	32748
25381	$e^+e^- \to \pi^+\eta K^-D^{*+}\bar{D}^{*-}D^0p\bar{\Delta}^+$	25380	1	32749
25382	$e^+e^- \to \pi^0\pi^-\omega\eta' D^+\bar{D}^{*-}D_s^+$	25381	1	32750
25383	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^0\bar{D}^{*-}D^{*0}D_1^+$	25382	1	32751
25384	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^+\bar{D}^{*-}$	25383	1	32752
25385	$e^+e^- \to \pi^0\pi^+K^0D^+\bar{D}^{*-}D^{*0}D_s^{*-}$	25384	1	32753
25386	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^*K^-D^-D^{*+}D_s^-$	25385	1	32754
25387	$e^+e^- \to \pi^0\pi^0\omega\bar{D}^{*0}\bar{p}\Lambda_c^+$	25386	1	32755
25388	$e^+e^- \to \pi^0\pi^+D^0D_s^-D_s^{*+}D_1^-$	25387	1	32756
25389	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	25388	1	32757
25390	$e^+e^- \to \pi^-K^0D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	25389	1	32758
25391	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-K^0D^+D^0\bar{D}^0$	25390	1	32759
25392	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^{*-}D^{*0}$	25391	1	32760
25393	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega D^+D^-$	25392	1	32761
25394	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^+\bar{D}^{*-}$	25393	1	32762
25395	$e^+e^- \to \rho^0\pi^+K^0\bar{K}^*D^+D^-p\bar{\Delta}^{++}$	25394	1	32763
25396	$e^+e^- \to \pi^0\rho^0\rho^+K^-K^{*+}K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0$	25395	1	32764
25397	$e^+e^- \to K^0K^+K^-D^{*+}D^{*0}\bar{D}^{*0}D_s^-$	25396	1	32765
25398	$e^+e^- \to \pi^-\eta' D^+D^{*+}D_s^-$	25397	1	32766
25399	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0\bar{K}^0K^{*-}D^{*+}D_s^{*+}$	25398	1	32767
25400	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\eta K^0\bar{D}^{*-}$	25399	1	32768
25401	$e^+e^- \to \pi^0\rho^-K^0D^{*+}\bar{D}^0\bar{\Sigma}^{*0}\Xi_c'^0$	651	1	32769
25402	$e^+e^- \to \pi^0\pi^0K^*D^{*+}\bar{D}^{*-}D^0$	25401	1	32770
25403	$e^+e^- \to \rho^0\pi^+K^0\bar{K}^0\bar{K}^*D^-D^-D^{*+}$	25402	1	32771
25404	$e^+e^- \to \pi^-\rho^-\eta K^{*+}D^+\bar{D}^{*0}$	25403	1	32772
25405	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\eta\bar{D}^{*-}p\bar{\Delta}^{++}D_1'^+$	25404	1	32773
25406	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega K^-D^{*+}D_s^+$	25405	1	32774
25407	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^+D^-\bar{\Delta}^0p$	25406	1	32775
25408	$e^+e^- \to \tau^+\nu_\tau\pi^0\omega K^-D^+\bar{D}^{*-}\bar{D}^0$	25407	1	32776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25409	$e^+e^- \to \rho^- K^0 \bar{K}^0 K^* D^+ \Sigma^0 \bar{\Sigma}_c^{*0}$	25408	1	32777
25410	$e^+e^- \to \tau^+ \nu_\tau \pi^0 \pi^0 \pi^+ \pi^- \rho^+ \eta D^- D_0^{*-}$	25409	1	32778
25411	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \rho^+ \eta \eta \bar{K}^0 K^{*+} D^{*+} \bar{D}^{*-}$	25410	1	32779
25412	$e^+e^- \to \pi^0 \pi^0 \pi^- D^{*+} \bar{D}^{*0} n \bar{\Delta}^0$	25411	1	32780
25413	$e^+e^- \to \rho^0 \pi^+ K^{*-} D^- D_s^+ J/\psi$	25412	1	32781
25414	$e^+e^- \to \pi^0 \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \eta D^{*+} \bar{D}^{*-}$	25413	1	32782
25415	$e^+e^- \to e^- \bar{\nu}_e \rho^- \omega D^+ D^{*+}$	25414	1	32783
25416	$e^+e^- \to \tau^+ \nu_\tau \omega K^- D^- D_s^{*+} \gamma$	25415	1	32784
25417	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \omega \bar{K}^0 K^{*+} D^- D^{*+}$	25416	1	32785
25418	$e^+e^- \to \mu^+ \nu_\mu \pi^- \bar{K}^* \bar{D}^{*-} D_s^+$	25417	1	32786
25419	$e^+e^- \to \pi^+ \pi^- K^- D^+ D^{*+} \bar{D}^{*0} \Delta^0 \bar{p}$	25418	1	32787
25420	$e^+e^- \to \tau^+ \nu_\tau \rho^0 \rho^- D^- D^{*+}$	25419	1	32788
25421	$e^+e^- \to \rho^0 \pi^- K^{*+} J/\psi \bar{p} \Sigma_c^+$	25420	1	32789
25422	$e^+e^- \to \pi^0 \pi^+ \pi^+ \rho^- \omega K^* K^- \eta' D^{*+} n \bar{p}$	25421	1	32790
25423	$e^+e^- \to \tau^+ \nu_\tau \bar{D}^{*-} D^0 \bar{\Sigma}^0 \Xi^0$	25422	1	32791
25424	$e^+e^- \to \mu^+ \nu_\mu \rho^+ K^- D^- \eta_c$	25423	1	32792
25425	$e^+e^- \to \pi^0 D^{*+} \bar{\Delta}^0 \Sigma_c^0 a_1^-$	25424	1	32793
25426	$e^+e^- \to \pi^+ \pi^+ \pi^- \omega \omega \bar{K}^* D^- D^- D^{*+}$	25425	1	32794
25427	$e^+e^- \to \eta \bar{K}^0 K^{*+} K^{*-} D^+ D^- \bar{D}^{*0}$	25426	1	32795
25428	$e^+e^- \to \tau^- \bar{\nu}_\tau K^{*+} D^- D_2^{*+} D^{*0}$	25427	1	32796
25429	$e^+e^- \to \pi^0 \pi^0 \pi^- \rho^+ D^{*+} \bar{D}^0 D_s^{*-}$	25428	1	32797
25430	$e^+e^- \to \pi^0 \rho^0 \pi^- \pi^- \omega \bar{K}^0 K^{*+} D^+ D_2^{*+} D_s^{*-}$	25429	1	32798
25431	$e^+e^- \to \rho^0 \pi^+ \pi^- \rho^+ K^+ K^- K^{*-} D^0 \bar{D}^0 \bar{D}^{*0}$	25430	1	32799
25432	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^+ \eta K^0 \bar{K}^0 D^- D^{*+}$	25431	1	32800
25433	$e^+e^- \to \pi^0 \pi^0 \pi^+ \rho^- \rho^- D^+ D^{*+} D_{s0}^{*-}$	25432	1	32801
25434	$e^+e^- \to e^+ \nu_e \pi^+ \rho^+ K^* K^- K^- D_2^{*-} \bar{D}^0$	25433	1	32802
25435	$e^+e^- \to \rho^0 \rho^0 \pi^+ \bar{D}^{*-} D^{*0}$	25434	1	32803
25436	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^+ \pi^+ \rho^- \eta \omega \bar{D}^{*-} \bar{D}^{*-}$	25435	1	32804
25437	$e^+e^- \to K^* K^+ \phi D^{*+} D_s^- \bar{\Sigma}^0 \Xi^-$	25436	1	32805
25438	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \rho^- \eta \omega D^-$	25437	1	32806
25439	$e^+e^- \to e^- \bar{\nu}_e \rho^+ \omega \omega D^+ D^-$	25438	1	32807
25440	$e^+e^- \to e^+ \nu_e \pi^- D^{*+} \bar{D}^{*-} n \bar{n}$	25439	1	32808

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25441	$e^+e^- \to \rho^0 K^* D^{*+} D_s^+ D_s^- a_1^-$	25440	1	32809
25442	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\eta\bar{K}^0 K^+ D^+ p\bar{\Lambda}_c^-$	25441	1	32810
25443	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}\bar{D}^{*-} D_{s0}^{*+}\gamma$	25442	1	32811
25444	$e^+e^- \to e^+\nu_e K^* K^- D^+ \bar{D}^{*-}$	25443	1	32812
25445	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\bar{K}^0 K^{*+} D^- D_1'^+$	25444	1	32813
25446	$e^+e^- \to e^-\bar{\nu}_e\omega D^{*+} D^0\bar{D}^0$	25445	1	32814
25447	$e^+e^- \to \pi^0\rho^0\rho^+\rho^- D^+\bar{\Delta}^+\Sigma_c^{*0}$	25446	1	32815
25448	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-} D_1^+ D_{s1}'^+$	25447	1	32816
25449	$e^+e^- \to \rho^- D^+ D_s^- D_1^+$	25448	1	32817
25450	$e^+e^- \to \rho^0\rho^0\rho^- K^+ K^{*-} D^+\bar{D}^0$	25449	1	32818
25451	$e^+e^- \to K^{*+} D^- D_2^{*+} D^0 D_s^-$	25450	1	32819
25452	$e^+e^- \to \pi^-\rho^+ D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	25451	1	32820
25453	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-}$	25452	1	32821
25454	$e^+e^- \to e^+\nu_e\pi^0\pi^- D^-\bar{D}^{*0} D_s^{*+}$	25453	1	32822
25455	$e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-} D_0^{*-}$	25454	1	32823
25456	$e^+e^- \to \rho^0\omega D^- D_s^{*+}\bar{n}p D_1^-$	25455	1	32824
25457	$e^+e^- \to \mu^+\nu_\mu X_u^-\rho^+ D^-$	25456	1	32825
25458	$e^+e^- \to D^+ D^{*+} a_1^- a_1^-$	652	1	32826
25459	$e^+e^- \to \rho^0\pi^+\pi^- D^+ D_s^{*-}\bar{p}\Sigma_c^+$	25458	1	32827
25460	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^0$	25459	1	32828
25461	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*\bar{D}^{*-}\chi_{c0}$	25460	1	32829
25462	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\rho^- D^- D^{*+}$	25461	1	32830
25463	$e^+e^- \to \pi^0\pi^+\pi^- K^0 K^0\bar{K}^0 K^{*+} K^{*-} D^0\bar{D}^{*0}$	25462	1	32831
25464	$e^+e^- \to \pi^-\eta K^+ D^- D^{*+} D^{*0}$	25463	1	32832
25465	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^0 K^+ D^+ D^- D_s^{*+}$	25464	1	32833
25466	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^- K^+ K^- D^+\bar{D}^0 D_s^+$	25465	1	32834
25467	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^+ D_0^{*-}$	25466	1	32835
25468	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\eta D^+ D^+ p\bar{p}$	25467	1	32836
25469	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 K^0 D^+\bar{D}^{*-} D_1'^+$	25468	1	32837
25470	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\bar{D}^{*-} D^0\bar{\Delta}^-\Delta^0$	25469	1	32838
25471	$e^+e^- \to K^0\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0} D_{s1}'^+$	25470	1	32839
25472	$e^+e^- \to D^+ D^{*+} D_s^- a_1^-$	25471	1	32840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25473	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-D^-D^{*+}$	25472	1	32841
25474	$e^+e^- \to \pi^0\pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^+$	25473	1	32842
25475	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}n\bar{p}$	25474	1	32843
25476	$e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	25475	1	32844
25477	$e^+e^- \to \pi^0\pi^+\eta\eta\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	25476	1	32845
25478	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-\bar{n}pD_1^+$	25477	1	32846
25479	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+D^-\bar{D}^{*-}p\bar{\Delta}^+$	25478	1	32847
25480	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta K^*D^-D^{*+}D^{*+}$	25479	1	32848
25481	$e^+e^- \to \eta K^*D_s^{*-}\eta_c D_1'^+$	25480	1	32849
25482	$e^+e^- \to \pi^0\pi^+\pi^+\omega\omega\bar{K}^0K^+D^-\bar{D}^{*-}n\bar{p}$	25481	1	32850
25483	$e^+e^- \to e^+\nu_e\eta K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	25482	1	32851
25484	$e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}a_1^-\gamma$	25483	1	32852
25485	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\bar{K}^*K^+D^+D^-D_s^-$	25484	1	32853
25486	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^{*+}D_1^+$	25485	1	32854
25487	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+D^-D^{*+}D_{s1}'^-$	25486	1	32855
25488	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\eta D^{*+}\bar{D}^{*-}$	25487	1	32856
25489	$e^+e^- \to \pi^0\omega D^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}$	25488	1	32857
25490	$e^+e^- \to \pi^+\bar{K}^0K^*K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	25489	1	32858
25491	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-D^+\bar{D}^{*-}$	25490	1	32859
25492	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\bar{K}^0K^*D^-D^{*+}$	25491	1	32860
25493	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^*D^+D^+D^-$	25492	1	32861
25494	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0D^0\bar{D}^0D_s^{*+}$	25493	1	32862
25495	$e^+e^- \to \rho^0\pi^-K^*D^{*+}\eta_c$	25494	1	32863
25496	$e^+e^- \to \pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	25495	1	32864
25497	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+K^+\bar{D}^{*-}\eta_c$	25496	1	32865
25498	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^*D^{*+}\bar{D}^0$	25497	1	32866
25499	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-K^0D^+\bar{D}^0D_s^{*-}$	25498	1	32867
25500	$e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^{*+}a_1^-\gamma$	25499	1	32868
25501	$e^+e^- \to e^-\bar{\nu}_eX_u^+\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}$	25500	1	32869
25502	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta\omega\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^{*+}$	25501	1	32870
25503	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^+K^{*-}D^{*+}\bar{D}^{*-}$	25502	1	32871
25504	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\rho^-\omega D^+\bar{D}^{*0}$	25503	1	32872

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25505	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\rho^-\eta D^{*+}$	25504	1	32873
25506	$e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^0\rho^- D^{*+}$	25505	1	32874
25507	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^0 K^- D^+\bar{D}^{*0}$	25506	1	32875
25508	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-\eta\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	25507	1	32876
25509	$e^+e^- \to e^+\nu_e\pi^-\bar{\Delta}^0\Sigma_c^{*+}D_0^{*-}$	25508	1	32877
25510	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\eta D^+ D^{*+}$	25509	1	32878
25511	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^{*+}D_s^{*-}D_1^+$	25510	1	32879
25512	$e^+e^- \to \mu^+\nu_\mu\pi^0 K^{*-}\eta'\bar{D}^{*-}D_s^+$	25511	1	32880
25513	$e^+e^- \to \rho^0\bar{K}^0 D^+ D^-\bar{D}^{*-}D_s^{*+}$	25512	1	32881
25514	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}D_s^+$	25513	1	32882
25515	$e^+e^- \to \bar{K}^0\bar{D}^{*0}D_s^{*+}D_s^{*-}\bar{n}\Delta^0$	25514	1	32883
25516	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^* K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	25515	1	32884
25517	$e^+e^- \to \pi^+\eta K^0 D^{*+}\bar{D}^{*-}D^0 D_s^-$	25516	1	32885
25518	$e^+e^- \to \pi^0\omega K^{*+}K^{*-}\bar{D}^{*-}D^{*0}D_s^{*+}$	25517	1	32886
25519	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega\omega D^-\bar{\Delta}^0\Sigma_c^{*0}$	25518	1	32887
25520	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+ K^+ K^{*-}\bar{D}^{*-}D_1^+$	25519	1	32888
25521	$e^+e^- \to \rho^-\omega D^+ D^- D_{s1}'^+$	25520	1	32889
25522	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^0\bar{K}^0 D^{*+}\bar{D}^0 n\bar{n}$	25521	1	32890
25523	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^- D^-\bar{p}\Lambda_c^+$	25522	1	32891
25524	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^* K^+ K^{*-}D^{*+}\bar{D}^{*-}$	25523	1	32892
25525	$e^+e^- \to e^+\nu_e D^{*0}n\bar{\Delta}^0 D_1'^-$	25524	1	32893
25526	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\rho^-\omega K^0 n\bar{\Sigma}_c^0$	25525	1	32894
25527	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega\omega D^- D^{*0}$	25526	1	32895
25528	$e^+e^- \to \pi^0\pi^0\pi^- K^+ K^- D^+ D^- D_s^{*+}$	25527	1	32896
25529	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^+\Delta^0\bar{\Xi}_c^0$	25528	1	32897
25530	$e^+e^- \to \pi^+\omega K^0 K^- D^+ D^{*0}D_s^-$	25529	1	32898
25531	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\rho^+\eta\omega K^- D_2^{*+}D_s^+$	2916	1	32899
25532	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0 K^+\bar{D}^{*-}D^{*0}$	2917	1	32900
25533	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^+\Delta^0\bar{\Sigma}_c^{*-}$	25532	1	32901
25534	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-}D^{*0}$	25533	1	32902
25535	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^- D^- D^{*+}$	25534	1	32903
25536	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ D^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	25535	1	32904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25537	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\eta' D^- D^{*0}$	25536	1	32905
25538	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^- D^{*+}\bar{D}^{*-}D_s^{*-}$	25537	1	32906
25539	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	25538	1	32907
25540	$e^+e^- \to \pi^+\pi^-\omega\omega\omega K^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	25539	1	32908
25541	$e^+e^- \to D^+D_s^- X_{sd}\gamma\gamma$	25540	1	32909
25542	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^- D^- D_1'^+$	25541	1	32910
25543	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^-D_1^+$	25542	1	32911
25544	$e^+e^- \to \rho^-\bar{D}^0\bar{n}\bar{\Lambda}\Sigma^0\Sigma_c^{*+}$	25543	1	32912
25545	$e^+e^- \to \pi^0\pi^+\rho^+\eta D^-D^0D_s^{*-}$	25544	1	32913
25546	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^- D^+\bar{D}^0D_s^{*+}$	25545	1	32914
25547	$e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	25546	1	32915
25548	$e^+e^- \to \pi^+\bar{K}^*D^0\bar{D}^{*0}n\bar{\Sigma}_c^-$	25547	1	32916
25549	$e^+e^- \to K^{*-}D^-\bar{\Sigma}^{*0}\Xi_c^{*+}a_1^+\gamma$	25548	1	32917
25550	$e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^*\phi D^-\Delta^+\bar{\Delta}^{++}$	25549	1	32918
25551	$e^+e^- \to e^+\nu_e\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	25550	1	32919
25552	$e^+e^- \to \rho^0\rho^+K^0\bar{K}^0K^{*+}D^-D^-D^0$	25551	1	32920
25553	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^-D^{*+}$	25552	1	32921
25554	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega D^-D^{*+}\Delta^0\bar{\Delta}^+$	25553	1	32922
25555	$e^+e^- \to \pi^0D^+n\Sigma^-\bar{\Lambda}\bar{\Sigma}_c^0$	25554	1	32923
25556	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-K^0K^{*-}D^{*+}\bar{D}^0D_s^{*-}$	25555	1	32924
25557	$e^+e^- \to \rho^-K^+D^{*+}J/\psi a_1^-$	25556	1	32925
25558	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^*D^-D^{*+}D^0$	25557	1	32926
25559	$e^+e^- \to e^+\nu_e\rho^0\rho^0K^*K^-D^-D^{*+}$	25558	1	32927
25560	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^+D^-$	25559	1	32928
25561	$e^+e^- \to \pi^0\pi^0\eta D^-D_s^{*+}\bar{\Delta}^0\Sigma_c^{*0}$	25560	1	32929
25562	$e^+e^- \to e^+\nu_e\pi^0\omega D^+D^-\bar{D}^{*-}$	25561	1	32930
25563	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^-D^-D^{*+}$	25562	1	32931
25564	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^+\pi^-D^{*+}\bar{D}^0$	25563	1	32932
25565	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^-D^{*+}$	25564	1	32933
25566	$e^+e^- \to e^+\nu_e\pi^0K^0D^+\bar{D}^{*-}\bar{D}^{*-}$	25565	1	32934
25567	$e^+e^- \to \pi^+\rho^+\rho^-\rho^-D^+D^-$	25566	1	32935
25568	$e^+e^- \to \pi^0\rho^0\pi^-D^+\bar{D}^{*-}D_{s1}'^+$	25567	1	32936

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25569	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	25568	1	32937
25570	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+K^-D^+D^{*+}$	25569	1	32938
25571	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_0^{*+}D_1'^-$	25570	1	32939
25572	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	25571	1	32940
25573	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\bar{D}^{*0}n\bar{n}\Delta^0\bar{\Sigma}_c^{*0}$	25572	1	32941
25574	$e^+e^- \to \rho^0K^+\bar{D}^{*-}D^0D^{*0}$	25573	1	32942
25575	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+D^-\Delta^0\bar{\Delta}^0$	25574	1	32943
25576	$e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^*K^+\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0}$	25575	1	32944
25577	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-$	25576	1	32945
25578	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^-D^{*+}$	25577	1	32946
25579	$e^+e^- \to \bar{K}^0K^+K^+D^-D^{*0}D^{*0}D_s^{*-}$	25578	1	32947
25580	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^0\bar{D}^0$	25579	1	32948
25581	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^+D^-$	25580	1	32949
25582	$e^+e^- \to e^-\bar{\nu}_eD^+D^0n\bar{\Delta}^0$	25581	1	32950
25583	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+D^-D^{*+}D^0$	25582	1	32951
25584	$e^+e^- \to \bar{K}^0K^*K^-D_s^{*+}\Delta^+\bar{\Sigma}_c^-$	25583	1	32952
25585	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	25584	1	32953
25586	$e^+e^- \to \pi^0\pi^0\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p$	25585	1	32954
25587	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\pi^-\rho^+D^+D_1^-$	25586	1	32955
25588	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\omega D^-D^{*+}$	25587	1	32956
25589	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega\bar{D}^{*-}D^0D_s^-$	25588	1	32957
25590	$e^+e^- \to \pi^+D^0\bar{D}^0D_s^{*-}\bar{n}\Delta^0$	25589	1	32958
25591	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	25590	1	32959
25592	$e^+e^- \to \pi^0\rho^-\eta K^0D^{*+}D^0$	25591	1	32960
25593	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	25592	1	32961
25594	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega K^+D^{*+}\chi_{c1}$	25593	1	32962
25595	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^0\bar{D}^{*-}D_s^+D_s^-$	25594	1	32963
25596	$e^+e^- \to \eta\bar{K}^*D^+D^-\bar{D}^{*-}D_s^{*+}$	25595	1	32964
25597	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+D^-\bar{D}^{*-}$	25596	1	32965
25598	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\eta\omega D^+D^+$	25597	1	32966
25599	$e^+e^- \to \pi^0\rho^0\rho^-\eta' D^{*+}f_0(980)$	25598	1	32967
25600	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^{*+}$	25599	1	32968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25601	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+D^+D^-D_0^{*+}$	25600	1	32969
25602	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-D^+\bar{D}^{*-}$	25601	1	32970
25603	$e^+e^- \to \tau^-\bar{\nu}_\tau K_2^{*0}D^{*+}J/\psi$	25602	1	32971
25604	$e^+e^- \to \pi^0\pi^0\pi^-K^*D^+D^+\bar{D}^{*-}$	25603	1	32972
25605	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-K^*\eta'D^+$	25604	1	32973
25606	$e^+e^- \to \pi^0\pi^0\rho^-D^-D^{*+}D_s^+$	25605	1	32974
25607	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega D^{*+}\bar{D}^0D_s^{*+}$	25606	1	32975
25608	$e^+e^- \to \rho^0\pi^+\pi^-K^0\bar{K}^0D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	25607	1	32976
25609	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	25608	1	32977
25610	$e^+e^- \to \pi^0\pi^-K^0D^+D^{*+}\bar{D}^{*-}$	25609	1	32978
25611	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^-\eta\bar{K}^0K^+p\bar{p}$	25610	1	32979
25612	$e^+e^- \to \pi^0\rho^0\pi^+\eta D^-\bar{n}\Sigma_c^0$	25611	1	32980
25613	$e^+e^- \to \pi^-\eta K^+D^+D^-D^-\bar{\Delta}^0\Delta^+$	25612	1	32981
25614	$e^+e^- \to \pi^0\rho^+\rho^+K^*D^-\bar{p}\Xi_c'^0$	25613	1	32982
25615	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+a_1^-D_1'^+$	25614	1	32983
25616	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^+D^-D_s^{*+}$	25615	1	32984
25617	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^+\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	25616	1	32985
25618	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+K^0\bar{K}^0D^-D^{*+}$	25617	1	32986
25619	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^+\bar{D}^0\bar{n}\Delta^0$	25618	1	32987
25620	$e^+e^- \to \pi^0\pi^0\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	25619	1	32988
25621	$e^+e^- \to D^-D_2^{*+}D_s^{*-}D_{s1}^+$	25620	1	32989
25622	$e^+e^- \to \pi^+K^+K^{*-}D^+D^-\bar{D}^{*-}D^0$	25621	1	32990
25623	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^+\omega D^-D^{*+}$	25622	1	32991
25624	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^0K^{*+}D^-D^{*+}$	25623	1	32992
25625	$e^+e^- \to \rho^0\rho^-K^0D^{*+}D_s^-D_s^{*+}$	25624	1	32993
25626	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{D}^{*-}\bar{D}^{*0}a_1^+$	25625	1	32994
25627	$e^+e^- \to \rho^-D^+\bar{D}^{*0}D_s^+a_1^-$	25626	1	32995
25628	$e^+e^- \to \rho^+K^0D^-D^0J/\psi\bar{K}_1^0$	25627	1	32996
25629	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\bar{K}^0\bar{D}^{*-}D_s^+n\bar{p}$	25628	1	32997
25630	$e^+e^- \to \pi^+\bar{K}^*K^-D^+\bar{D}^{*-}\bar{D}^0D^{*0}$	25629	1	32998
25631	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0D^{*0}\bar{D}^{*0}D_0^{*-}$	25630	1	32999
25632	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^-D^{*+}$	25631	1	33000

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25633	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^*\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0$	25632	1	33001
25634	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0D^+D^-$	25633	1	33002
25635	$e^+e^- \to \omega D^{*+}D_s^{*+}D_s^{*-}D_1^-$	25634	1	33003
25636	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^*D^+n\bar{\Xi}_c^{\prime 0}$	25635	1	33004
25637	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^*D^-D^{*+}D^0$	25636	1	33005
25638	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\eta^{\prime}D^-D^{*+}$	25637	1	33006
25639	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*\bar{K}^*D^{*+}D_s^{*+}$	25638	1	33007
25640	$e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	2918	1	33008
25641	$e^+e^- \to \rho^0\rho^0\pi^-\eta\omega\omega\bar{K}^0K^+D^+D^-$	25640	1	33009
25642	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta D^-D^0D_s^-\bar{n}p$	25641	1	33010
25643	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	25642	1	33011
25644	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-K^+K^{*-}D^+\bar{D}^{*-}$	25643	1	33012
25645	$e^+e^- \to \pi^-\rho^-\omega\bar{K}^*K^+D^{*+}\Delta^+\bar{\Sigma}_c^-$	2919	1	33013
25646	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\eta D^-D^{*+}$	25645	1	33014
25647	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0\bar{K}^0K^+K^-D^0D^{*0}$	25646	1	33015
25648	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}$	25647	1	33016
25649	$e^+e^- \to \rho^0\pi^-D^-D^{*+}\bar{\Delta}^-\Delta^0$	25648	1	33017
25650	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*-}$	25649	1	33018
25651	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta\omega\omega D^+D^-p\bar{\Delta}^{++}$	25650	1	33019
25652	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	25651	1	33020
25653	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\eta\omega K^0D^-D^0$	25652	1	33021
25654	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^{*+}D^0\bar{D}^0$	25653	1	33022
25655	$e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	25654	1	33023
25656	$e^+e^- \to \rho^-D^{*+}p\bar{\Xi}_c^{\prime 0}D_{s1}^{\prime -}$	2920	1	33024
25657	$e^+e^- \to \pi^0\pi^+K^0K^+D^-\bar{D}^{*-}D^{*0}D^{*0}$	25656	1	33025
25658	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\rho^+\omega K^-D^{*+}D_0^{*-}$	25657	1	33026
25659	$e^+e^- \to \pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+}n\bar{n}$	25658	1	33027
25660	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\bar{K}^0D^+\psi^{\prime}$	25659	1	33028
25661	$e^+e^- \to \pi^-K^-D^{*+}D^{*+}\bar{D}^0$	25660	1	33029
25662	$e^+e^- \to \pi^0\pi^+\omega\omega K^-K^{*+}D^-D^{*+}D_s^-$	25661	1	33030
25663	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega K^{*-}D^+\bar{D}^{*-}$	25662	1	33031
25664	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0D^{*0}\bar{D}^{*0}J/\psi$	25663	1	33032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25665	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\omega K^0\bar{\Delta}^0\Xi_c^0$	25664	1	33033
25666	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}n\bar{p}$	25665	1	33034
25667	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_s^{*-}D_1^+$	2921	1	33035
25668	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-\bar{D}^{*0}D_s^+$	25667	1	33036
25669	$e^+e^- \to \omega\bar{D}^0D^{*0}\bar{D}^{*0}n\bar{n}$	25668	1	33037
25670	$e^+e^- \to \pi^0\pi^-\pi^-K^0\bar{K}^*K^{*+}D^{*+}D^0\bar{D}^{*0}$	25669	1	33038
25671	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^-D^{*+}$	25670	1	33039
25672	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}D^0$	25671	1	33040
25673	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	25672	1	33041
25674	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^-\rho^+D^{*+}$	25673	1	33042
25675	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D^0\bar{n}p$	25674	1	33043
25676	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0K^-D^{*+}\bar{D}^{*-}D^0$	25675	1	33044
25677	$e^+e^- \to \pi^0K_SD^{*0}\bar{D}^{*0}\eta_c$	25676	1	33045
25678	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	25677	1	33046
25679	$e^+e^- \to \mu^+\nu_\mu\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	25678	1	33047
25680	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\omega\bar{D}^{*-}\eta_c$	25679	1	33048
25681	$e^+e^- \to \bar{K}^*K^+D^+D^-\bar{p}\Omega_c^0$	25680	1	33049
25682	$e^+e^- \to \rho^-\eta\eta D^{*+}\bar{D}^{*-}D_s^{*+}$	25681	1	33050
25683	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega\omega D^-D^{*+}$	25682	1	33051
25684	$e^+e^- \to \pi^0K^0D^-D_s^+\Lambda_c^+\bar{\Lambda}_c^-$	25683	1	33052
25685	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-\eta K^*K^-D^+D^-$	25684	1	33053
25686	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}D_s^{*-}$	25685	1	33054
25687	$e^+e^- \to \pi^0K^*K^{*-}D^-D^{*+}D_s^{*+}$	25686	1	33055
25688	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\eta\eta'D^+D^-$	25687	1	33056
25689	$e^+e^- \to \pi^0\omega D^+D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	25688	1	33057
25690	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\omega\bar{K}^0K^{*-}\bar{D}^{*-}D_s^{*+}$	2922	1	33058
25691	$e^+e^- \to D^+\Delta^0\bar{\Delta}^+K_1^0\psi(3770)$	25690	1	33059
25692	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-D^+\bar{D}^0$	25691	1	33060
25693	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+K^*K^{*-}D^+\bar{D}^{*-}$	25692	1	33061
25694	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^+D^+\chi_{c0}$	25693	1	33062
25695	$e^+e^- \to e^+\nu_e\eta\omega\bar{K}^*\eta_cD_1'^-$	25694	1	33063
25696	$e^+e^- \to \rho^0\rho^+K^+D^-D^0D^0D_s^{*-}$	25695	1	33064

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25697	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^*D^-D^{*+}D^{*0}$	25696	1	33065
25698	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^-D^-D^{*+}$	25697	1	33066
25699	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega D^-D^-D_s^{*+}$	25698	1	33067
25700	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0\bar{K}^0D^-D^{*0}\Lambda\bar{\Sigma}^{*0}$	25699	1	33068
25701	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+$	25700	1	33069
25702	$e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	25701	1	33070
25703	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}J/\psi$	25702	1	33071
25704	$e^+e^- \to \pi^+K^*\eta'D^-p\bar{p}\chi_{c1}$	25703	1	33072
25705	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^+\phi D^+D^-\bar{D}^{*0}$	25704	1	33073
25706	$e^+e^- \to \rho^+\omega\omega\bar{K}^*\eta'D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	25705	1	33074
25707	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*K^-D^+D^{*+}$	25706	1	33075
25708	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*K^+K^-D_1^-$	25707	1	33076
25709	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta K^0K^-\eta'D^+\bar{D}^0$	25708	1	33077
25710	$e^+e^- \to \pi^-\eta\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	25709	1	33078
25711	$e^+e^- \to \mu^+\nu_\mu D^-D^-\bar{\Delta}^-n\gamma$	25710	1	33079
25712	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^0D^-\bar{\Delta}^0\Sigma_c^{*0}$	25711	1	33080
25713	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-K^*K^-D^{*+}\bar{D}^{*-}$	25712	1	33081
25714	$e^+e^- \to \pi^+\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^-D^-$	25713	1	33082
25715	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^+\rho^+\rho^-D^-D_1^+$	25714	1	33083
25716	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\pi^-\rho^+D^{*+}D^{*+}$	25715	1	33084
25717	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\omega D^+D_s^+D_s^-$	25716	1	33085
25718	$e^+e^- \to e^-\bar{\nu}_eK^*D_2^{*+}\eta_c$	25717	1	33086
25719	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^{*+}D_{s1}'^-$	25718	1	33087
25720	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}D_{s0}^{*-}$	25719	1	33088
25721	$e^+e^- \to \rho^-\eta D^{*+}D_s^+D_{s1}'^-$	25720	1	33089
25722	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{n}\Sigma_c^{*+}$	25721	1	33090
25723	$e^+e^- \to \pi^-K^0D^+D^+D_s^-$	25722	1	33091
25724	$e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$	25723	1	33092
25725	$e^+e^- \to \bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^0\Xi_c'^0$	25724	1	33093
25726	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	25725	1	33094
25727	$e^+e^- \to \pi^0\pi^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	25726	1	33095
25728	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\omega\omega D^+D^-$	25727	1	33096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25729	$e^+e^- \to \tau^+\nu_\tau\rho^0\eta K^0K^{*-}D^+\bar{D}^{*-}$	25728	1	33097
25730	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^0D^{*+}D^{*+}\bar{D}^0$	25729	1	33098
25731	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta' D^+D^-$	25730	1	33099
25732	$e^+e^- \to \pi^-K^+K^{*-}D^{*+}\bar{D}^0\chi_{c1}$	25731	1	33100
25733	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D_s^+D_s^-$	25732	1	33101
25734	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\eta K^0D^+\bar{D}^{*0}$	25733	1	33102
25735	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+D^{*+}J/\psi$	25734	1	33103
25736	$e^+e^- \to e^+\nu_e\rho^-\bar{K}^0D^+D^-$	25735	1	33104
25737	$e^+e^- \to K^-D^+D^{*+}\bar{D}^0\bar{n}\Sigma^-$	25736	1	33105
25738	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	25737	1	33106
25739	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-}$	25738	1	33107
25740	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*0}$	25739	1	33108
25741	$e^+e^- \to \pi^+K^*D^+D^-D^{*0}D_s^{*-}$	25740	1	33109
25742	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0D^{*+}n\bar{\Xi}_c^{\prime 0}$	25741	1	33110
25743	$e^+e^- \to \pi^0\rho^-K^*D^{*+}n\bar{n}\chi_{c1}$	25742	1	33111
25744	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}\bar{\Delta}^+\Xi_c^{*+}$	25743	1	33112
25745	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*K^+K^-D^-D^{*+}$	25744	1	33113
25746	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-K^0K^-D^+\bar{D}^0D_s^+$	25745	1	33114
25747	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^{*+}\bar{D}^{*-}$	25746	1	33115
25748	$e^+e^- \to \pi^+\omega\Delta^0\bar{\Delta}^0\Sigma_c^{*0}\bar{\Xi}_c^-$	25747	1	33116
25749	$e^+e^- \to \pi^0\pi^-\pi^-\eta\eta K^+\eta' D^+\bar{D}^{*0}$	25748	1	33117
25750	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+D^{*+}D_{s1}^-$	25749	1	33118
25751	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+$	25750	1	33119
25752	$e^+e^- \to \rho^-\omega\omega K^+D^+\Lambda\bar{\Sigma}_c^-$	25751	1	33120
25753	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*-}D_s^-$	25752	1	33121
25754	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^+\bar{D}^0$	2923	1	33122
25755	$e^+e^- \to \pi^0K^*\bar{K}^*D^-D^{*+}D^{*+}\bar{D}^{*-}$	25754	1	33123
25756	$e^+e^- \to \pi^+\pi^+\rho^-\omega D^-D^{*+}a_1^-$	25755	1	33124
25757	$e^+e^- \to \rho^0\rho^0\pi^-\eta\omega\eta' D^+\bar{D}^{*0}$	25756	1	33125
25758	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0\chi_{c2}D_1^+$	2924	1	33126
25759	$e^+e^- \to \omega D^{*+}D_s^{*-}\bar{n}\Sigma_c^0$	25758	1	33127
25760	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta D^{*+}n\bar{\Sigma}_c^0$	25759	1	33128

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25761	$e^+e^- \to \pi^+ D^{*0} p \Delta^+ \bar{\Delta}^+ \bar{\Sigma}_c^{--}$	25760	1	33129
25762	$e^+e^- \to e^+ \nu_e \pi^0 \pi^- K^{*+} \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	25761	1	33130
25763	$e^+e^- \to \rho^+ \eta K^0 K^* K^- \bar{n} \Sigma_c^0$	2925	1	33131
25764	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^- K^+ D^+ \psi(3770)$	25763	1	33132
25765	$e^+e^- \to \pi^+ \eta' \bar{D}^{*-} D_2^{*+} D_s^-$	25764	1	33133
25766	$e^+e^- \to e^+ \nu_e \rho^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- \bar{K}^0 \bar{D}^{*-} D_s^+$	25765	1	33134
25767	$e^+e^- \to \pi^+ \pi^- K^0 D^{*+} D^0 \bar{D}^0 D_s^{*-}$	25766	1	33135
25768	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \rho^- \bar{K}^0 K^* D^{*+} \bar{D}^{*-}$	25767	1	33136
25769	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \pi^+ \pi^- K^0 D^- D^{*+} \bar{D}^{*-}$	25768	1	33137
25770	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \rho^- \omega K^+ D^+ D^- D^0$	25769	1	33138
25771	$e^+e^- \to \pi^0 \pi^+ \bar{D}^{*-} D^{*0} n \bar{\Delta}^0$	25770	1	33139
25772	$e^+e^- \to \pi^+ \pi^+ \pi^- \pi^- \pi^- \eta D^+ D^- D_s^{*+}$	25771	1	33140
25773	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \rho^+ \eta \bar{K}^0 \eta' D^{*+} D^0$	25772	1	33141
25774	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^+ \rho^- \bar{K}^0 \bar{D}^{*-}$	25773	1	33142
25775	$e^+e^- \to \pi^0 \rho^0 \rho^- \omega \bar{K}^0 K^+ D^+ D^-$	25774	1	33143
25776	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \pi^- \eta K^{*+} D^{*+} \bar{D}^{*0} D_{s1}'^-$	25775	1	33144
25777	$e^+e^- \to e^+ \nu_e K_L \bar{D}^{*-} \chi_{c1}$	25776	1	33145
25778	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \rho^+ \rho^+ \rho^+ \rho^- \rho^- \eta K^0 K^- D^- D^0$	25777	1	33146
25779	$e^+e^- \to \pi^0 \rho^- \eta K^* D^+ D^- D^{*+} \bar{\Lambda} \Sigma^0$	25778	1	33147
25780	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \rho^0 K^+ K^+ K^{*-} D^+ D_s^-$	25779	1	33148
25781	$e^+e^- \to \rho^- K^0 \bar{K}^0 D^+ D^+ \bar{D}^{*-} \bar{D}^{*0}$	25780	1	33149
25782	$e^+e^- \to \pi^0 \pi^0 \phi D^+ D^- D_s^+ D_s^{*-}$	25781	1	33150
25783	$e^+e^- \to \rho^0 \rho^0 \pi^- \pi^- \rho^+ D^{*+} \bar{D}^{*-} D_{s1}^+ \gamma$	25782	1	33151
25784	$e^+e^- \to K^+ \bar{D}^{*-} D_2^{*+} D^{*0} D_s^-$	25783	1	33152
25785	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \rho^0 \pi^+ D^{*+} \bar{D}^{*-}$	25784	1	33153
25786	$e^+e^- \to \pi^0 \pi^+ K^0 \bar{D}^{*-} \Lambda \bar{\Sigma}_c^0$	25785	1	33154
25787	$e^+e^- \to \rho^+ K^0 \bar{K}^0 D^+ \bar{D}^{*-} D_{s1}'^-$	25786	1	33155
25788	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \pi^- \pi^- D^{*+} D_0^{*+}$	25787	1	33156
25789	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^- \eta D^0 \bar{D}^{*0}$	25788	1	33157
25790	$e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- \rho^- \rho^- \eta D^+ D^{*0}$	25789	1	33158
25791	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \bar{K}^0 \bar{D}^{*-} D^0 \bar{D}^0$	25790	1	33159
25792	$e^+e^- \to \pi^+ \pi^- \rho^+ \omega \bar{K}^* K^- K^{*+} \bar{D}^{*-} J/\psi$	25791	1	33160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25793	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta\eta K^+K^-D^{*+}\bar{D}^{*-}$	25792	1	33161
25794	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^*D^+D^-D^-$	25793	1	33162
25795	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*K^-D^+\bar{D}^{*-}$	25794	1	33163
25796	$e^+e^- \to \rho^-\eta\bar{K}^0\bar{D}^0D_s^+\bar{\Delta}^0\Sigma_c^0$	25795	1	33164
25797	$e^+e^- \to \rho^0\rho^-\omega D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	25796	1	33165
25798	$e^+e^- \to K_L\bar{K}^*D^+D^-\psi'$	25797	1	33166
25799	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^+\bar{D}^{*-}\bar{D}^{*-}D^0\bar{\Delta}^+\Delta^{++}$	25798	1	33167
25800	$e^+e^- \to \rho^0\rho^+K^*K^{*-}D^{*0}\Sigma^{*0}\bar{\Sigma}_c^{*0}$	25799	1	33168
25801	$e^+e^- \to \pi^0\pi^-K^0K^-D^+D^{*+}$	25800	1	33169
25802	$e^+e^- \to \pi^0\pi^-\eta K^*K^{*-}D^{*+}\bar{D}^0D_s^+$	25801	1	33170
25803	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^-D^+D^{*+}\Delta^+\bar{\Delta}^+$	25802	1	33171
25804	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+D^-D_2^{*+}$	25803	1	33172
25805	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D^{*+}a_1^-$	25804	1	33173
25806	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-}$	25805	1	33174
25807	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^0\bar{D}^0\psi'$	25806	1	33175
25808	$e^+e^- \to \pi^+\rho^+\rho^-K^0K^{*-}D^+\bar{D}^{*-}$	2926	1	33176
25809	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta D^+D^-\bar{n}\Delta^0$	25808	1	33177
25810	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	25809	1	33178
25811	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta\eta D^{*+}\bar{D}^{*-}$	25810	1	33179
25812	$e^+e^- \to e^+\nu_e\pi^0\pi^-K^+D^+\bar{D}^{*-}\bar{\Delta}^+\Lambda$	25811	1	33180
25813	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	25812	1	33181
25814	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}a_1^+$	25813	1	33182
25815	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^{*-}D^+\Delta^+\bar{\Xi}_c^{*0}$	25814	1	33183
25816	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\eta K^+D^-D^{*+}D^0$	25815	1	33184
25817	$e^+e^- \to \pi^+D^{*+}\bar{\Delta}^+\Xi_c^{*0}D_{s0}^{*-}$	25816	1	33185
25818	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-D^+D^{*+}$	25817	1	33186
25819	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+K^{*-}D^+D^{*+}$	25818	1	33187
25820	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^+\bar{\Sigma}^{*0}\Xi_c^0$	25819	1	33188
25821	$e^+e^- \to \pi^-\pi^-\rho^-\omega\bar{K}^0K^+D^+D^{*+}$	25820	1	33189
25822	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta K^0\bar{K}^0\eta'D^+D^-$	25821	1	33190
25823	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^*K^{*+}D^-D^{*+}$	25822	1	33191
25824	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega D^{*+}\bar{D}^{*-}$	25823	1	33192

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25825	$e^+e^- \to K_L\bar{K}^0\phi\eta_c J/\psi$	25824	1	33193
25826	$e^+e^- \to \pi^0\rho^-\omega K^0K^-D^+\bar{D}^0D_s^+$	25825	1	33194
25827	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-\eta D^+D^{*+}$	25826	1	33195
25828	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	25827	1	33196
25829	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+\eta_c$	25828	1	33197
25830	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^{*+}$	25829	1	33198
25831	$e^+e^- \to \pi^0K^0D^-D^{*+}\bar{D}^{*-}D_{s1}^+$	2927	1	33199
25832	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	25831	1	33200
25833	$e^+e^- \to \phi D^-D_s^+\bar{\Lambda}\Xi_c^0$	25832	1	33201
25834	$e^+e^- \to \pi^0K^*D_s^+D_s^-\bar{\Delta}^0\Xi_c'^0$	25833	1	33202
25835	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^{*+}D^{*+}$	25834	1	33203
25836	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*0}n\bar{\Sigma}_c^{*0}$	25835	1	33204
25837	$e^+e^- \to \pi^0\pi^-K^*D^{*+}\eta_c$	25836	1	33205
25838	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	2928	1	33206
25839	$e^+e^- \to \pi^0\pi^-\rho^-D^{*+}\bar{D}^0D_s^+$	25838	1	33207
25840	$e^+e^- \to \omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}p\bar{\Delta}^{++}$	25839	1	33208
25841	$e^+e^- \to \bar{K}^0K^-n\bar{\Delta}^+\Sigma_c^{++}\bar{\Xi}_c'^0$	25840	1	33209
25842	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^{*+}\bar{D}^{*-}D^0D^{*0}p\bar{p}$	25841	1	33210
25843	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}$	2929	1	33211
25844	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^{*-}D^+D^{*+}n\bar{n}$	25843	1	33212
25845	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0D^{*+}\bar{D}^{*-}\bar{n}p$	25844	1	33213
25846	$e^+e^- \to \rho^0\pi^+\rho^-\bar{K}^0K^*K^{*+}D^-\bar{D}^0D^{*0}$	25845	1	33214
25847	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\eta D^+D^-$	25846	1	33215
25848	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-K^+K^{*-}D^+\bar{D}^{*-}$	25847	1	33216
25849	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+}$	25848	1	33217
25850	$e^+e^- \to \omega\bar{K}^0D^-D^{*+}\bar{n}\Sigma_c^0$	2930	1	33218
25851	$e^+e^- \to \bar{K}^0\bar{K}^*K^+D^-D^{*+}\bar{D}^{*-}$	25850	1	33219
25852	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}$	25851	1	33220
25853	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+D^-D_2^{*+}$	25852	1	33221
25854	$e^+e^- \to \pi^-\eta D^-D^{*+}D_s^{*+}$	25853	1	33222
25855	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^+K^{*-}D^+D^-$	25854	1	33223
25856	$e^+e^- \to \pi^+\pi^-\rho^+K^0K^{*-}D^-D^{*+}\gamma$	25855	1	33224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25857	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D_s^+D_s^-$	25856	1	33225
25858	$e^+e^- \to \bar{K}^0D^-D_s^+D_s^-\bar{\Delta}^0\Delta^+$	25857	1	33226
25859	$e^+e^- \to e^+\nu_eD^+D^-\bar{\Delta}^0\Sigma^-$	25858	1	33227
25860	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}\bar{p}\Sigma_c^+$	25859	1	33228
25861	$e^+e^- \to \rho^0\rho^+D^+\bar{D}^{*-}a_1^-$	25860	1	33229
25862	$e^+e^- \to K^*K^-D^{*+}\bar{D}^{*-}D_s^+$	25861	1	33230
25863	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^0\bar{D}^0D_s^{*+}D_s^{*-}$	25862	1	33231
25864	$e^+e^- \to \mu^-\bar{\nu}_\mu D_2^{*+}D_s^+D_1^-$	25863	1	33232
25865	$e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}\Delta^0\bar{\Delta}^+$	25864	1	33233
25866	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}D^{*+}$	25865	1	33234
25867	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^+K^*K^+K^{*-}D^0\bar{D}^0$	2931	1	33235
25868	$e^+e^- \to \pi^0\pi^+K^0D^0D_s^-\psi'$	25867	1	33236
25869	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^*D^{*+}\bar{D}^{*-}$	25868	1	33237
25870	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^+D^-\bar{\Delta}^+\Omega_c^{*0}$	25869	1	33238
25871	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}D^{*0}\bar{D}^{*0}$	25870	1	33239
25872	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}$	25871	1	33240
25873	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+K^+D^{*+}\bar{D}^{*0}$	25872	1	33241
25874	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^+D^-\Lambda\bar{\Lambda}_c^-$	25873	1	33242
25875	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0}$	25874	1	33243
25876	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^0D^+\psi(3770)$	25875	1	33244
25877	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0}$	25876	1	33245
25878	$e^+e^- \to \pi^+\rho^+\rho^-\eta\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	25877	1	33246
25879	$e^+e^- \to \rho^-D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0}D_1^+$	25878	1	33247
25880	$e^+e^- \to \pi^0\pi^+\eta\eta K^0K^-D^+D^-n\bar{n}$	25879	1	33248
25881	$e^+e^- \to \pi^-K^*D^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+}$	25880	1	33249
25882	$e^+e^- \to \pi^0\rho^0\pi^+K_S\bar{D}^{*-}\eta_c$	25881	1	33250
25883	$e^+e^- \to e^+\nu_e\pi^+\rho^-\bar{K}^*K^+K^-\bar{D}^{*-}D^{*0}$	25882	1	33251
25884	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	25883	1	33252
25885	$e^+e^- \to \rho^0\pi^-\rho^+\eta\omega\bar{K}^0K^+K^-\bar{D}^{*-}D_s^+$	25884	1	33253
25886	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\eta D^{*+}\bar{D}^{*-}$	25885	1	33254
25887	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*0}$	25886	1	33255
25888	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^+D^-$	25887	1	33256

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25889	$e^+e^- \to \bar{K}^* D^+ D^- \Delta^- \bar{\Delta}^0 p \bar{\Lambda}$	25888	1	33257
25890	$e^+e^- \to e^+\nu_e \rho^- K^- D^+ \bar{n} p D_1^-$	25889	1	33258
25891	$e^+e^- \to \tau^+\nu_\tau \pi^0 \pi^- D^{*+} D_0^{*-}$	25890	1	33259
25892	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- \omega\omega\omega D^{*+} \bar{D}^{*-} D_s^-$	25891	1	33260
25893	$e^+e^- \to e^+\nu_e \pi^+ \phi D^- D^{*0} D_s^{*-}$	25892	1	33261
25894	$e^+e^- \to \mu^+\nu_\mu \rho^- D^+ D_2^{*-} \Delta^0 \bar{\Delta}^0$	25893	1	33262
25895	$e^+e^- \to \mu^+\nu_\mu \pi^0 \eta\eta\eta' \bar{D}^{*-} D^0$	25894	1	33263
25896	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^- \omega D^+ \Delta^+ \bar{\Xi}_c^{*0}$	25895	1	33264
25897	$e^+e^- \to \pi^+ K^- D^0 \bar{D}^0 D_s^- D_1'^+$	25896	1	33265
25898	$e^+e^- \to \pi^0\rho^0\pi^- D^+ \bar{D}^{*-} a_1^+$	25897	1	33266
25899	$e^+e^- \to \tau^- \bar{\nu}_\tau \rho^+ D^{*+} \bar{D}^{*-} \gamma$	25898	1	33267
25900	$e^+e^- \to \rho^0\pi^+\pi^+\pi^- \rho^+ D^- \bar{\Delta}^+ \Sigma_c^0$	25899	1	33268
25901	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+ K^{*-} D^- \eta_c$	25900	1	33269
25902	$e^+e^- \to \pi^+ \bar{K}^* K^{*+} D^- \bar{D}^{*-} D^0 D^0$	25901	1	33270
25903	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^- \omega D^- \bar{D}^0$	25902	1	33271
25904	$e^+e^- \to \pi^+ K^* K^- K^- D^{*+} \bar{D}^{*0} \bar{D}^{*0}$	25903	1	33272
25905	$e^+e^- \to D^{*+} D_2^{*+} D_s^- D_s^{*-}$	25904	1	33273
25906	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+ \omega K^- D^- D^0 \bar{D}^0$	25905	1	33274
25907	$e^+e^- \to \pi^0\pi^+ \eta\omega D^{*+} \bar{D}^{*-} D_s^{*-}$	25906	1	33275
25908	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^+ \eta K^* \bar{K}^* D^+ D^-$	25907	1	33276
25909	$e^+e^- \to \pi^0\pi^+\pi^- \omega K^0 \bar{K}^0 \bar{K}^0 \bar{D}^{*-} a_1^+$	25908	1	33277
25910	$e^+e^- \to \mu^+\nu_\mu \pi^0\rho^0\pi^+\pi^-\pi^- \omega K^+ K^- D^+ D^-$	2932	1	33278
25911	$e^+e^- \to \rho^+\rho^- D^{*+} D^0 \bar{D}^0 D_s^{*-}$	25910	1	33279
25912	$e^+e^- \to \mu^+\nu_\mu \tau^+\nu_\tau \bar{D}^{*-} \bar{D}^{*-} \gamma$	25911	1	33280
25913	$e^+e^- \to \rho^0\pi^-\rho^+ \omega D^+ \Delta^+ \bar{\Sigma}_c^{--}$	25912	1	33281
25914	$e^+e^- \to \tau^+\nu_\tau \pi^0\rho^0\pi^+\pi^- \rho^+ D^- \bar{D}^{*-}$	25913	1	33282
25915	$e^+e^- \to \pi^0\rho^0\rho^- \bar{K}^0 K^* D^+ \bar{D}^{*-} D_s^{*+}$	25914	1	33283
25916	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- K^+ K^{*-} D^- D^0$	25915	1	33284
25917	$e^+e^- \to \rho^- K^0 D^+ D_s^+ D_s^-$	25916	1	33285
25918	$e^+e^- \to e^- \bar{\nu}_e \pi^-\pi^- \bar{K}^0 K^+ \eta' D^{*+} D_1'^+$	25917	1	33286
25919	$e^+e^- \to \pi^0\rho^+\rho^-\rho^- D^{*+} \bar{D}^{*-} a_1^+$	25918	1	33287
25920	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^0 \bar{K}^0 \bar{K}^* D^+$	25919	1	33288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25921	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+K^+K^-\bar{D}^{*-}$	25920	1	33289
25922	$e^+e^- \to e^-\bar{\nu}_e K^* D^{*+} n\bar{\Sigma}_c^0$	25921	1	33290
25923	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0$	25922	1	33291
25924	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^-D^{*+}\bar{D}^{*0}$	25923	1	33292
25925	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+D^+D^-n\bar{p}$	25924	1	33293
25926	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^+D^-a_1^-$	25925	1	33294
25927	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^-D^+D_1^-$	25926	1	33295
25928	$e^+e^- \to \pi^-\pi^-\rho^+\eta\omega\omega\eta' D^+D^0$	25927	1	33296
25929	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0D^-D^{*+}$	25928	1	33297
25930	$e^+e^- \to \pi^-K^0K^+D^+D^-D^{*0}$	25929	1	33298
25931	$e^+e^- \to e^+\nu_e D_2^{*-}D_2^{*-}D_s^{*+}$	25930	1	33299
25932	$e^+e^- \to K^0K^*K^-D^+D^+\bar{D}^{*-}$	25931	1	33300
25933	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^+D^{*+}D^{*0}\bar{D}^{*0}$	25932	1	33301
25934	$e^+e^- \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+}D_s^{*-}$	25933	1	33302
25935	$e^+e^- \to e^+\nu_e\rho^0\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	25934	1	33303
25936	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^+K^-\eta' D^+D^-$	25935	1	33304
25937	$e^+e^- \to \pi^0\rho^0\bar{D}^{*-}D^0D_s^{*+}\Delta^+\bar{\Delta}^+\gamma$	25936	1	33305
25938	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0\phi D^-\bar{D}^0$	25937	1	33306
25939	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^+D^+D^-D_{s1}'^-$	25938	1	33307
25940	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^0D_s^-$	25939	1	33308
25941	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta K^0K^-D^-D^{*+}\bar{n}p$	25940	1	33309
25942	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^0\bar{p}\Delta^+$	25941	1	33310
25943	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\eta D^-D^{*+}\gamma$	25942	1	33311
25944	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^0\bar{D}^0$	25943	1	33312
25945	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^*D^+D^+\bar{D}^{*-}$	25944	1	33313
25946	$e^+e^- \to \pi^0\pi^-\omega\omega K^0\bar{K}^0\bar{K}^*D^{*+}J/\psi$	25945	1	33314
25947	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\phi D^{*0}D_1'^-$	25946	1	33315
25948	$e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}D^+D^-\bar{D}^{*0}$	25947	1	33316
25949	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}D_2^{*-}\bar{p}\Delta^{++}$	25948	1	33317
25950	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0\pi^0D^+\bar{D}^{*-}$	25949	1	33318
25951	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^+\bar{D}^{*-}$	25950	1	33319
25952	$e^+e^- \to \pi^-K^-D^{*+}\bar{D}^0\bar{D}^0D_s^{*+}$	25951	1	33320

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25953	$e^+e^- \to \pi^0 K^0 K^* D^- D^{*+} D^{*0} \bar{D}^{*0}$	25952	1	33321
25954	$e^+e^- \to \rho^0 \bar{K}^0 D^+ D^{*0} \bar{D}^{*0} D_s^-$	2933	1	33322
25955	$e^+e^- \to \pi^0 \pi^0 K^- D^+ D_s^{*-} \Delta^+ \bar{\Xi}_c^0$	25954	1	33323
25956	$e^+e^- \to \pi^- \rho^- \omega\omega\omega K^+ D^+ \eta_c$	25955	1	33324
25957	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+ K^{*-} D^+ \bar{D}^{*-}$	25956	1	33325
25958	$e^+e^- \to e^- \bar{\nu}_e \pi^- D^{*+} \bar{\Delta}^0 \Xi_c'^+$	25957	1	33326
25959	$e^+e^- \to D^- \bar{D}^{*-} D_s^+ a_1^+$	25958	1	33327
25960	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^0 D^- \bar{D}^{*0}$	25959	1	33328
25961	$e^+e^- \to \pi^0\pi^+\rho^+\rho^- K^+ D^- \bar{p}\Omega_c^0$	25960	1	33329
25962	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0 K^+ D^- D^-$	25961	1	33330
25963	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 K^{*+} D^- D^{*+} D_s^{*-}$	25962	1	33331
25964	$e^+e^- \to \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^{*0} \bar{p}\Delta^+$	25963	1	33332
25965	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- K^+ K^- K^- D^+ \bar{D}^{*0}$	25964	1	33333
25966	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^0 D^{*+} \bar{D}^0 D^{*0}$	25965	1	33334
25967	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+\eta\omega D^{*+} \bar{D}^{*-}$	25966	1	33335
25968	$e^+e^- \to \pi^0\pi^+\pi^- \bar{D}^{*-} D^0 D_{s1}'^+$	25967	1	33336
25969	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\rho^- K^* D^+ D^- D^0$	25968	1	33337
25970	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^{*+} D^{*+} J/\psi$	25969	1	33338
25971	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta\omega K^- D^- D^- D^{*+}$	25970	1	33339
25972	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^- K^- D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	25971	1	33340
25973	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^0 \rho^+ \eta D^+ \bar{D}^{*-}$	25972	1	33341
25974	$e^+e^- \to e^+ \nu_e \pi^- \bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*0}$	25973	1	33342
25975	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+ D^-$	25974	1	33343
25976	$e^+e^- \to \pi^0\rho^0\pi^- K^+ K^- D^+ n\bar{\Sigma}_c^{*0}$	25975	1	33344
25977	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^+\pi^-\rho^+\rho^- K^0 D^{*+}$	25976	1	33345
25978	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^{*+} p\bar{\Lambda}_c^-$	25977	1	33346
25979	$e^+e^- \to \rho^0\pi^+\eta K^- D^+ D^-$	25978	1	33347
25980	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^{*+} \bar{D}^{*-} n\bar{p}$	25979	1	33348
25981	$e^+e^- \to \pi^+\pi^-\rho^- K_2^{*0} D^{*+} J/\psi$	25980	1	33349
25982	$e^+e^- \to \rho^0\rho^0\pi^-\bar{K}^* K^{*+} D^- D^{*+}$	25981	1	33350
25983	$e^+e^- \to \tau^+ \nu_\tau \bar{D}^{*-} \bar{X}_{sd}\gamma$	25982	1	33351
25984	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^- D^{*+} \bar{D}^{*-}$	2934	1	33352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
25985	$e^+e^- \to \pi^0\rho^-\bar{K}^0\bar{K}^0K^+K^-D^+D^-D^{*+}$	25984	1	33353
25986	$e^+e^- \to \pi^-\rho^+\rho^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^-$	25985	1	33354
25987	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta'D^+\bar{D}^{*-}\Delta^0\bar{p}$	25986	1	33355
25988	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Lambda$	25987	1	33356
25989	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+$	25988	1	33357
25990	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\eta\bar{K}^0\phi D^+D^{*0}$	25989	1	33358
25991	$e^+e^- \to \pi^0\rho^0\bar{K}^*K^{*+}D^+D^-n\bar{p}$	25990	1	33359
25992	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^+D^{*0}\Delta^0\bar{\Sigma}^0$	25991	1	33360
25993	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0D^{*+}\bar{D}^{*-}\bar{D}^0$	25992	1	33361
25994	$e^+e^- \to \pi^+\rho^-K^0\bar{K}^*\phi\bar{D}^0D^{*0}J/\psi$	25993	1	33362
25995	$e^+e^- \to \rho^0\pi^-K^-K^{*+}D^+\bar{D}^{*-}D_s^{*+}$	25994	1	33363
25996	$e^+e^- \to \pi^0\pi^0\rho^-\eta D^+\bar{D}^{*0}$	25995	1	33364
25997	$e^+e^- \to \pi^0\pi^+D^{*0}D_s^-\Delta^0\bar{\Sigma}_c^{*0}$	25996	1	33365
25998	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\bar{K}^0K^*K^{*+}D^+$	25997	1	33366
25999	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\eta'D^{*+}\bar{D}^{*-}$	25998	1	33367
26000	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0K^*\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	25999	1	33368
26001	$e^+e^- \to \pi^-\eta D^+\bar{D}^0\bar{p}\Delta^+$	26000	1	33369
26002	$e^+e^- \to \rho^0\rho^0\bar{K}^0K^+\bar{D}^{*-}D^0$	26001	1	33370
26003	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-D^-\bar{p}\Sigma_c^{*0}$	26002	1	33371
26004	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^-\rho^-\omega D^{*+}\bar{D}^{*0}$	26003	1	33372
26005	$e^+e^- \to \rho^0\pi^+\eta K^+D^-n\bar{\Delta}^+$	26004	1	33373
26006	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	26005	1	33374
26007	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{D}^0\Delta^0\bar{\Delta}^0$	26006	1	33375
26008	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^-D^+D^-\bar{D}^0p\bar{p}$	26007	1	33376
26009	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^{*+}D^+D^+\bar{D}^{*-}$	26008	1	33377
26010	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^*D^+D^-\bar{D}^{*-}$	26009	1	33378
26011	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_2^{*-}D_{s1}'^+$	653	1	33379
26012	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^-D^{*+}D^{*+}$	26011	1	33380
26013	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^-$	26012	1	33381
26014	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-D^{*0}$	26013	1	33382
26015	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega\omega D^+\bar{D}^{*-}$	26014	1	33383
26016	$e^+e^- \to \rho^0\rho^-K^+K^{*-}\bar{D}^{*0}\bar{\Sigma}^{*0}\Xi_c'^+$	26015	1	33384

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26017	$e^+e^- \to \rho^-\omega\bar{D}^{*0}D_s^+\bar{\Delta}^0\Sigma_c^{*0}$	26016	1	33385
26018	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^0D^-D^0$	26017	1	33386
26019	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\eta'D^-D^{*+}$	26018	1	33387
26020	$e^+e^- \to \pi^0\pi^+\pi^-K^{*+}\bar{D}^{*-}D^0J/\psi\bar{K}_1^0$	26019	1	33388
26021	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^{*+}D^-D^{*+}$	26020	1	33389
26022	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_2^{*-}D_1^+$	26021	1	33390
26023	$e^+e^- \to K^+\bar{D}^{*-}D^{*0}D_s^{*+}\bar{\Delta}^0\Sigma^-$	26022	1	33391
26024	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta K^0D^{*+}\Sigma^0\bar{\Xi}_c^-$	26023	1	33392
26025	$e^+e^- \to e^-\bar{\nu}_e\pi^0\omega\bar{D}^{*-}D_2^{*+}\bar{n}\Delta^+$	26024	1	33393
26026	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*D^{*+}D^{*0}\bar{D}^{*0}$	26025	1	33394
26027	$e^+e^- \to \pi^-K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D^{*0}$	26026	1	33395
26028	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^{*+}D_s^{*+}\bar{p}\Lambda$	26027	1	33396
26029	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^+K^-D^+\bar{D}^{*-}$	26028	1	33397
26030	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^0D^{*0}$	26029	1	33398
26031	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^+D^+\bar{D}^{*-}$	26030	1	33399
26032	$e^+e^- \to \pi^0\pi^-D^{*+}D_2^{*-}D_s^+$	26031	1	33400
26033	$e^+e^- \to \pi^+\rho^-K^*K^+K^{*-}D^+\bar{D}^{*-}D^{*0}$	26032	1	33401
26034	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*0}$	26033	1	33402
26035	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^0K^+K^-K^{*+}D^{*+}D_s^{*-}$	26034	1	33403
26036	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^0\bar{K}^0K^*D^-D^{*+}$	26035	1	33404
26037	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+\eta'D^-D^{*+}$	26036	1	33405
26038	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_s^+n\bar{\Lambda}_c^-$	26037	1	33406
26039	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^{*+}\bar{D}^{*0}\Delta^-\bar{\Delta}^0$	2936	1	33407
26040	$e^+e^- \to \rho^+K^*D^{*+}\bar{D}^{*-}D_1^-$	26039	1	33408
26041	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^-D^{*+}$	26040	1	33409
26042	$e^+e^- \to \pi^+K^0K^{*-}D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	26041	1	33410
26043	$e^+e^- \to \rho^-K^{*+}D^-D^{*+}D^0$	26042	1	33411
26044	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega K^0D^-D^{*+}D^{*+}$	26043	1	33412
26045	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-D^{*+}p\bar{\Xi}_c^0$	26044	1	33413
26046	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\rho^+\eta D^-$	26045	1	33414
26047	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*0}$	26046	1	33415
26048	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*0}$	26047	1	33416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26049	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta D^- D^{*+}$	26048	1	33417
26050	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- K^0 K^- \bar{D}^0 \bar{\Sigma}^{*0} \Xi_c'^+$	26049	1	33418
26051	$e^+e^- \to \pi^0\pi^+ \bar{K}^0 D^0 D^0 \bar{D}^{*0} D_s^-$	26050	1	33419
26052	$e^+e^- \to \pi^0\pi^0 D^- D_2^{*+} D_s^+ D_s^{*-}$	26051	1	33420
26053	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega \bar{K}^0 D^- \psi(3770)$	26052	1	33421
26054	$e^+e^- \to \pi^0\pi^-\pi^-\omega \bar{K}^* K^+ D^{*+} D_2^{*+} D_s^{*-}$	26053	1	33422
26055	$e^+e^- \to \rho^0\pi^+\pi^+\rho^+\rho^- K^- \bar{D}^{*-} D^0 \bar{D}^0$	26054	1	33423
26056	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^{*+} \bar{D}^{*-} \bar{\Sigma}^+ \Sigma^-$	26055	1	33424
26057	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^- D^{*+} \bar{D}^{*0} D_s^-$	26056	1	33425
26058	$e^+e^- \to e^+\nu_e\pi^- K^{*+} \bar{D}^{*0} \bar{\Delta}^+ \Xi_c^{*0}$	26057	1	33426
26059	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0 \bar{D}^{*0} D_1^+$	26058	1	33427
26060	$e^+e^- \to \pi^-\pi^- K^+ D^+ D^+ D_{s0}^{*-}$	26059	1	33428
26061	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\omega K^0 \bar{D}^{*-} \chi_{c1}$	26060	1	33429
26062	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 D^+ D^- D_s^+$	26061	1	33430
26063	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^- K^0 D^{*+} D_s^+ D_s^-$	26062	1	33431
26064	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta K^+ D^+ D^- D^{*+}$	26063	1	33432
26065	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\eta' D^+ p \bar{\Lambda}_c^-$	26064	1	33433
26066	$e^+e^- \to \pi^0\rho^+\rho^- D^- D^{*+}$	26065	1	33434
26067	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^- \bar{D}^{*-} \bar{D}^{*-} \bar{n} p$	26066	1	33435
26068	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^- J/\psi \bar{n}\Lambda$	26067	1	33436
26069	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^+ K^- \eta' D^+ \bar{D}^{*-}$	26068	1	33437
26070	$e^+e^- \to \pi^- K^{*+} D_s^- J/\psi D_1^+$	26069	1	33438
26071	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^+ K^- D^{*+} \bar{D}^{*0}$	26070	1	33439
26072	$e^+e^- \to \pi^0\pi^+\pi^+\pi^- D^- \bar{D}^{*-} \bar{n}\Delta^+$	26071	1	33440
26073	$e^+e^- \to K^- D^+ \bar{D}^0 D_s^- \Delta^0 \bar{\Sigma}^+$	26072	1	33441
26074	$e^+e^- \to \pi^+ K^0 K^0 \bar{K}^* D^+ D^- D^{*0} D_s^-$	26073	1	33442
26075	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\eta\omega K^* K^- D^+ D^- n\bar{p}$	26074	1	33443
26076	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ \bar{D}^{*-} D_1'^+ \gamma$	26075	1	33444
26077	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega K^0 K^- D^+ D^{*+} D_s^{*-}$	26076	1	33445
26078	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega D^+ \bar{D}^{*-}$	26077	1	33446
26079	$e^+e^- \to \pi^-\omega D^+ D^{*+} \Sigma^0 \bar{\Sigma}^-$	26078	1	33447
26080	$e^+e^- \to \omega \bar{K}^* D^{*0} \bar{D}^{*0} J/\psi$	26079	1	33448

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26081	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\eta\eta\omega D^-\bar{D}^{*-}$	26080	1	33449
26082	$e^+e^- \to e^+\nu_e\eta K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	26081	1	33450
26083	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\bar{K}^*K^+D^-D^{*+}$	26082	1	33451
26084	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-K^{*+}D^0\bar{D}^0$	26083	1	33452
26085	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_2^{*+}J/\psi$	26084	1	33453
26086	$e^+e^- \to e^+\nu_e\pi^-\eta\omega D^+D_0^{*-}$	26085	1	33454
26087	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^0\Sigma_c^0$	26086	1	33455
26088	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}\bar{\Sigma}^+\Xi^-$	26087	1	33456
26089	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\rho^-\eta D^0D_0^{*-}$	26088	1	33457
26090	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^*\bar{D}^{*-}D^{*0}D_0^{*+}$	26089	1	33458
26091	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	26090	1	33459
26092	$e^+e^- \to \pi^+K^+K^-\bar{D}^{*-}D^0D_s^{*-}a_1^+$	26091	1	33460
26093	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*-}D_s^{*+}\chi_{c0}$	26092	1	33461
26094	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^*\eta'D_2^{*-}$	26093	1	33462
26095	$e^+e^- \to \mu^+\nu_\mu\pi^-D^+\bar{D}^0D_s^-$	26094	1	33463
26096	$e^+e^- \to e^+\nu_e\pi^0\eta\omega\bar{K}^*\bar{D}^{*-}$	26095	1	33464
26097	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*K^{*+}D^-D^-D^{*+}D^{*+}$	26096	1	33465
26098	$e^+e^- \to K^{*-}K^{*-}D^+D^{*+}\bar{D}^0\bar{D}^0\gamma$	26097	1	33466
26099	$e^+e^- \to \rho^0\pi^+\eta\omega\bar{K}^0D^-\bar{n}\Sigma_c^0$	26098	1	33467
26100	$e^+e^- \to \pi^+K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}D^{*0}$	26099	1	33468
26101	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}\bar{n}p$	26100	1	33469
26102	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	26101	1	33470
26103	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\bar{K}^0D^{*0}\Delta^0\bar{\Sigma}_c^{*0}$	26102	1	33471
26104	$e^+e^- \to \pi^+\pi^-\pi^-\omega D^+D_2^{*-}D_s^+$	26103	1	33472
26105	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	26104	1	33473
26106	$e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}\eta_c n\bar{n}$	26105	1	33474
26107	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}$	26106	1	33475
26108	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^-D_2^{*+}D_s^{*-}$	26107	1	33476
26109	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}\chi_{c2}$	26108	1	33477
26110	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+D^+D^-D_s^{*-}p\bar{p}$	26109	1	33478
26111	$e^+e^- \to \rho^0\pi^+K^0D^+\bar{D}^0n\bar{p}D_{s0}^{*-}$	26110	1	33479
26112	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^-D^{*+}$	26111	1	33480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26113	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*D^-\bar{D}^0D^{*0}$	26112	1	33481
26114	$e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}D^0\bar{D}^0$	26113	1	33482
26115	$e^+e^- \to \pi^0\pi^+\pi^+D^-D^{*0}D^{*0}D_s^{*-}$	26114	1	33483
26116	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0D^-J/\psi$	26115	1	33484
26117	$e^+e^- \to \pi^-\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^0D^{*0}$	26116	1	33485
26118	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}$	26117	1	33486
26119	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^+K^-\eta'D^+\bar{D}^{*-}D^{*0}$	26118	1	33487
26120	$e^+e^- \to \pi^0\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	26119	1	33488
26121	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0}$	26120	1	33489
26122	$e^+e^- \to K^-D^+D^{*0}\bar{D}^{*0}p\bar{\Delta}^+$	26121	1	33490
26123	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^-\bar{\nu}_\tau D^+a_1^+$	26122	1	33491
26124	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}n\bar{p}$	26123	1	33492
26125	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\eta D^-D^{*+}$	26124	1	33493
26126	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}D_s^{*-}\gamma\gamma$	26125	1	33494
26127	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^0\bar{D}^{*0}$	26126	1	33495
26128	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^*D^{*+}D^{*+}\bar{D}^{*-}$	26127	1	33496
26129	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	26128	1	33497
26130	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^0D^{*0}$	26129	1	33498
26131	$e^+e^- \to \pi^-\rho^+\eta D^0D_s^{*+}D_1'^-$	26130	1	33499
26132	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\omega K^-K^{*+}D^-\bar{D}^{*-}$	26131	1	33500
26133	$e^+e^- \to \rho^0\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	26132	1	33501
26134	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+K^+K^-D^-\bar{D}^{*-}\bar{p}\Delta^+$	26133	1	33502
26135	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\eta\bar{K}^0\phi D^-J/\psi$	26134	1	33503
26136	$e^+e^- \to \pi^0\pi^+\rho^-K^+K^-K^{*+}K^{*-}D^-D^{*+}$	26135	1	33504
26137	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^*D^{*+}\bar{n}p$	26136	1	33505
26138	$e^+e^- \to e^+\nu_e\rho^-\eta K^+K^{*-}D^+D_0^{*-}$	26137	1	33506
26139	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-\bar{D}^{*0}$	26138	1	33507
26140	$e^+e^- \to \pi^0K^*K^{*-}\phi D^+D^-D_s^+$	26139	1	33508
26141	$e^+e^- \to \pi^-\pi^-\rho^+D^-D^{*+}\bar{n}p$	26140	1	33509
26142	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\bar{D}^{*-}D_s^+$	26141	1	33510
26143	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^*K^-K^{*+}\phi D^+D^+$	26142	1	33511
26144	$e^+e^- \to K^-D^{*+}\bar{D}^0\bar{D}^{*0}\bar{n}\Delta^0$	26143	1	33512

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26145	$e^+e^- \to \rho^0\rho^+\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	26144	1	33513
26146	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0D^-D_s^{*+}$	2937	1	33514
26147	$e^+e^- \to \mu^+\nu_\mu\rho^0\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	26146	1	33515
26148	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\eta K^0D^{*+}\bar{n}p$	26147	1	33516
26149	$e^+e^- \to \pi^0\bar{K}^*\bar{K}^*K^{*+}D^-\bar{\Delta}^{++}\Sigma_c^{*++}$	26148	1	33517
26150	$e^+e^- \to e^+\nu_e\pi^-\eta D^-\bar{p}\Sigma_c^{++}$	26149	1	33518
26151	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}$	26150	1	33519
26152	$e^+e^- \to \bar{K}^*D^+J/\psi D_{s0}^{*-}$	26151	1	33520
26153	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}$	26152	1	33521
26154	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}D^0$	26153	1	33522
26155	$e^+e^- \to \rho^+K^0D^{*0}n\bar{\Delta}^0p\bar{\Delta}^{++}$	26154	1	33523
26156	$e^+e^- \to \pi^0\pi^+\omega D^+D^-D_{s0}^{*-}$	26155	1	33524
26157	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	26156	1	33525
26158	$e^+e^- \to \pi^+\pi^-\eta\bar{D}^0D_s^{*+}\bar{\Sigma}^-\Xi^0$	26157	1	33526
26159	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\eta D^+D^+\bar{\Delta}^-\Delta^-$	26158	1	33527
26160	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-}p\bar{p}$	26159	1	33528
26161	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta' D^-D^{*+}\bar{\Delta}^0\Delta^+$	26160	1	33529
26162	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\eta\omega D^-\bar{D}^{*-}$	26161	1	33530
26163	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^0D^-D^{*+}D^{*+}$	26162	1	33531
26164	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	26163	1	33532
26165	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^*D^{*+}\bar{D}^{*-}p\bar{p}$	26164	1	33533
26166	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0D^-D^{*+}$	26165	1	33534
26167	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\bar{D}^{*0}D_1^+$	26166	1	33535
26168	$e^+e^- \to \pi^-\rho^+\omega\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^0$	26167	1	33536
26169	$e^+e^- \to \rho^-K^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma_c^+$	26168	1	33537
26170	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\omega D^+D^-$	26169	1	33538
26171	$e^+e^- \to \pi^0\rho^+\omega\bar{D}^{*-}D_s^{*+}D_1^-$	26170	1	33539
26172	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+D^-D^{*0}$	26171	1	33540
26173	$e^+e^- \to \rho^+\eta\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	26172	1	33541
26174	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}D_s^+\bar{p}\Sigma^0$	26173	1	33542
26175	$e^+e^- \to \rho^-K^0\eta' D^+D^0\bar{D}^{*0}$	26174	1	33543
26176	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0D^+D^-$	26175	1	33544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26177	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\bar{D}^0D^{*0}D_s^+$	26176	1	33545
26178	$e^+e^- \to \pi^+\pi^-K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+}$	26177	1	33546
26179	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	26178	1	33547
26180	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^+\bar{D}^{*-}D_1^-$	26179	1	33548
26181	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+D^0D_1'^-$	26180	1	33549
26182	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega\omega D^-D^{*+}$	26181	1	33550
26183	$e^+e^- \to K^0K^{*-}D^+D^0\bar{D}^0\bar{D}^{*0}$	26182	1	33551
26184	$e^+e^- \to e^+\nu_e\rho^+\bar{D}^{*-}\bar{p}\Sigma_c^0$	26183	1	33552
26185	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^*K^-D^0\bar{D}^0\chi_{c1}$	26184	1	33553
26186	$e^+e^- \to \pi^0\rho^+\rho^+\rho^-\eta K^-D^{*+}\bar{D}^{*-}$	26185	1	33554
26187	$e^+e^- \to \pi^0\rho^-\omega K^+K^-D^+D^+\bar{D}^{*-}$	26186	1	33555
26188	$e^+e^- \to \rho^0K^0\bar{D}^0D^{*0}J/\psi\bar{K}_1^0$	26187	1	33556
26189	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-K^+K^{*-}D^{*+}D^{*+}$	26188	1	33557
26190	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}$	26189	1	33558
26191	$e^+e^- \to \pi^0\eta K^0K^{*-}D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	26190	1	33559
26192	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	26191	1	33560
26193	$e^+e^- \to \pi^-\omega K^+K^-D^-D^{*+}D_s^{*+}$	26192	1	33561
26194	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+D^+$	26193	1	33562
26195	$e^+e^- \to \pi^+\pi^+K^*K^-K^{*-}D^-D^{*+}\bar{D}^0$	26194	1	33563
26196	$e^+e^- \to e^-\bar{\nu}_eK^0D^+\Delta^0\bar{\Sigma}_c^{*0}$	26195	1	33564
26197	$e^+e^- \to e^+\nu_e\rho^+D^0D_s^{*-}D_0^{*-}$	26196	1	33565
26198	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0\bar{K}^0D^+\Sigma^-\bar{\Xi}_c^0$	26197	1	33566
26199	$e^+e^- \to \pi^0\pi^0\pi^+K^-\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	26198	1	33567
26200	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0\bar{K}^0K^*K^+D^0\eta_c(2S)$	26199	1	33568
26201	$e^+e^- \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	26200	1	33569
26202	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	26201	1	33570
26203	$e^+e^- \to \pi^0\bar{K}^*\bar{D}^{*-}D^{*0}\bar{D}^{*0}D_s^{*+}$	26202	1	33571
26204	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-\omega D^+D_0^{*-}$	26203	1	33572
26205	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\omega D^+D^-$	26204	1	33573
26206	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-}$	26205	1	33574
26207	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^+\bar{D}^{*-}\bar{p}\Sigma_c^0$	26206	1	33575
26208	$e^+e^- \to \pi^0\pi^-\rho^-\omega\omega D^+\bar{D}^0D_s^+$	26207	1	33576

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26209	$e^+e^- \to \rho^-\omega\omega D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	26208	1	33577
26210	$e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^0K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}D_s^+$	26209	1	33578
26211	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*0}$	26210	1	33579
26212	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^-\eta\bar{K}^0K^+D^+D^-$	26211	1	33580
26213	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^-\bar{\Delta}^-\Delta^0\gamma$	26212	1	33581
26214	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_2^{*+}D_1^-$	26213	1	33582
26215	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^+K^-D^+D^-D^{*+}$	26214	1	33583
26216	$e^+e^- \to \pi^0\pi^0\pi^0\eta'\eta'D^+\bar{D}^{*0}D_s^-$	26215	1	33584
26217	$e^+e^- \to e^+\nu_eK^0\bar{D}^{*-}\Lambda\bar{\Sigma}_c^0$	654	1	33585
26218	$e^+e^- \to K^*K^+D^+D^-D^-D^0$	26217	1	33586
26219	$e^+e^- \to \rho^-K^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Xi^-$	26218	1	33587
26220	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0D^+\Delta^0\bar{p}$	26219	1	33588
26221	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\eta\omega D^+D^-$	26220	1	33589
26222	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^0K^+D^-D^-$	26221	1	33590
26223	$e^+e^- \to \pi^0\rho^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	26222	1	33591
26224	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-\bar{K}^0K^*D^{*+}D^{*+}$	26223	1	33592
26225	$e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	26224	1	33593
26226	$e^+e^- \to e^+\nu_e\pi^-\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}$	26225	1	33594
26227	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+D^{*0}$	26226	1	33595
26228	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\pi^0D^+D^-$	26227	1	33596
26229	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^*D^{*+}\eta_c$	26228	1	33597
26230	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta'D^+D^-$	26229	1	33598
26231	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^{*+}\bar{\Delta}^+\Sigma_c^{*++}\gamma$	26230	1	33599
26232	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta K^-D^{*+}\bar{D}^0\bar{D}^0$	655	1	33600
26233	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^*D^{*+}\bar{D}^{*-}n\bar{p}$	26232	1	33601
26234	$e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{K}^0D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	26233	1	33602
26235	$e^+e^- \to \rho^0\pi^+\rho^-K^0D^+\bar{D}^{*-}D^0\gamma$	26234	1	33603
26236	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^-\bar{n}\Xi_c'^0$	26235	1	33604
26237	$e^+e^- \to \tau^+\nu_\tau D^+\Delta^0\bar{\Delta}^+D_1^-$	26236	1	33605
26238	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+\bar{D}^{*-}D_1'^+$	26237	1	33606
26239	$e^+e^- \to e^+\nu_e\pi^-\bar{K}^0D^+D_1^-$	656	1	33607
26240	$e^+e^- \to \pi^0\pi^0\rho^0K^0D^+\bar{D}^0D^{*0}D_s^-$	26239	1	33608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26241	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0K^0\eta_cD_0^{*+}$	26240	1	33609
26242	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^0K^+D^-\bar{\Delta}^0\Sigma_c^0$	26241	1	33610
26243	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-K^{*-}D^-D^{*+}\bar{D}^0$	26242	1	33611
26244	$e^+e^- \to \pi^0\rho^-K^0D^{*+}J/\psi p\bar{\Delta}^+$	26243	1	33612
26245	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0K^{*+}\bar{D}^{*-}D^{*0}$	26244	1	33613
26246	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^*D^+D^-D^-$	26245	1	33614
26247	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega\bar{D}^0J/\psi\bar{K}_1^0$	26246	1	33615
26248	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-K^+D^+\chi_{c2}$	26247	1	33616
26249	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*-}$	26248	1	33617
26250	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0\bar{D}^{*0}\bar{n}\Sigma_c^+$	26249	1	33618
26251	$e^+e^- \to \rho^+\omega D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	26250	1	33619
26252	$e^+e^- \to \rho^0\rho^0\pi^+K^{*-}D^-D^{*+}\bar{D}^{*0}$	26251	1	33620
26253	$e^+e^- \to \pi^0\pi^0K^0K^-D^-D^0D_s^{*+}\bar{\Sigma}^0\Sigma^+$	26252	1	33621
26254	$e^+e^- \to \pi^0\pi^-K^+D^+D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	26253	1	33622
26255	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^-$	26254	1	33623
26256	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-D^+\bar{D}^{*-}$	26255	1	33624
26257	$e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}J/\psi a_1^+$	26256	1	33625
26258	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\eta\eta D^-\bar{D}^{*-}$	26257	1	33626
26259	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\gamma$	26258	1	33627
26260	$e^+e^- \to \pi^+\eta\bar{D}^{*-}D^0\Delta^0\bar{\Delta}^0$	26259	1	33628
26261	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^0\bar{K}^0D^-$	26260	1	33629
26262	$e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^0D_{s1}'^+$	26261	1	33630
26263	$e^+e^- \to \pi^+\pi^-\pi^-\eta'D^-D^{*+}D_s^{*+}$	26262	1	33631
26264	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^-D^{*+}D_s^+$	26263	1	33632
26265	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-K^-\eta'D^0\chi_{c1}$	26264	1	33633
26266	$e^+e^- \to K^{*+}K^{*-}D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^-$	26265	1	33634
26267	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}$	26266	1	33635
26268	$e^+e^- \to \pi^0\pi^-K^+D^0\bar{D}^0\bar{n}\Sigma_c^0$	26267	1	33636
26269	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^{*+}\bar{D}^0D_s^{*+}$	26268	1	33637
26270	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-}\Sigma^0\bar{\Sigma}^0$	2941	1	33638
26271	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+\omega D^-$	26270	1	33639
26272	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0D^-D^{*+}D^{*0}$	26271	1	33640

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26273	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0 D_s^- D_s^{*+} p\bar{p}$	26272	1	33641
26274	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0 D^- D^0$	26273	1	33642
26275	$e^+e^- \to \pi^+\pi^- D^+\bar{D}^{*-} D_s^- D_{s1}'^+$	26274	1	33643
26276	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\rho^+ D^- D^{*+}$	26275	1	33644
26277	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta\omega K^0 K^0\bar{K}^* D^+\bar{D}^{*-}$	26276	1	33645
26278	$e^+e^- \to \rho^0\rho^+ K^0 K^0\bar{K}^0 D^{*+} n\bar{\Delta}^{++}$	2942	1	33646
26279	$e^+e^- \to \rho^0\pi^+\pi^- K^- K^{*+} D^+ n\bar{\Xi}_c^-$	26278	1	33647
26280	$e^+e^- \to \pi^0\pi^- K^{*+} D^{*+} D^0\bar{D}^{*0} D_s^{*-}$	26279	1	33648
26281	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+ K^+ K^- D^{*+}\bar{D}^{*-}$	26280	1	33649
26282	$e^+e^- \to e^+\nu_e X_u^-\pi^0\pi^+\pi^-\pi^- D^+$	26281	1	33650
26283	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^*\bar{D}^{*-} J/\psi$	26282	1	33651
26284	$e^+e^- \to \phi D^- D^{*+} D_s^{*+}\Delta^-\bar{\Delta}^0$	26283	1	33652
26285	$e^+e^- \to D^{*+}\bar{D}^{*0} D_s^-\bar{n}\Delta^0$	26284	1	33653
26286	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^+ K^0 K^{*-} D^{*+}\bar{D}^{*-}$	26285	1	33654
26287	$e^+e^- \to \pi^+\pi^- K^+\bar{D}^{*-} D^0 D^{*0}$	26286	1	33655
26288	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^- D^- n\bar{n}$	26287	1	33656
26289	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+ D^0 D_s^-$	26288	1	33657
26290	$e^+e^- \to \pi^0\pi^- K^0\bar{D}^{*-} D^0 D_s^{*+}\bar{\Delta}^0\Sigma^+$	26289	1	33658
26291	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+ D_s^- D_1^+$	26290	1	33659
26292	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^+ D^{*+} D_s^{*-}$	26291	1	33660
26293	$e^+e^- \to e^-\bar{\nu}_e\pi^0 K^{*-} D^+ D^{*+}\bar{D}^{*0}$	2943	1	33661
26294	$e^+e^- \to \pi^0\pi^0\pi^- K^+ D^- D^{*+} D^0$	26293	1	33662
26295	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+ K^0 K^- D^{*+}\bar{D}^{*-}$	26294	1	33663
26296	$e^+e^- \to \pi^+\pi^- K^0\bar{K}^*\bar{K}^*\bar{D}^{*-} D^{*0} D_s^+$	26295	1	33664
26297	$e^+e^- \to \pi^+\pi^-\pi^-\omega\omega K^{*+} D^- D^{*+}$	26296	1	33665
26298	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-} D_s^{*+}$	26297	1	33666
26299	$e^+e^- \to \rho^-\omega K^0\bar{K}^* K^+ D^+\bar{D}^{*-} D^{*0}$	26298	1	33667
26300	$e^+e^- \to \rho^0\pi^-\bar{D}^{*-}\bar{D}^0 D_s^{*+}\bar{n}p$	26299	1	33668
26301	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\eta\omega\bar{K}^* D^- D^0$	26300	1	33669
26302	$e^+e^- \to \pi^+\omega K^0 K^+ K^{*-} K^{*-} D^+\bar{D}^{*-}$	26301	1	33670
26303	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta K^0 K^0\bar{K}^* K^- D^+ D^{*+}$	26302	1	33671
26304	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0 K^- D^+\bar{D}^0 D_1^+$	26303	1	33672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26305	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\eta\bar{D}^{*-}D^{*0}$	26304	1	33673
26306	$e^+e^- \to \rho^0\eta\bar{K}^*K^{*+}D^-D_2^{*+}D_s^{*-}$	26305	1	33674
26307	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\eta D^-D^{*+}$	26306	1	33675
26308	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+K^0\bar{K}^0K^+K^-D^+D^-$	26307	1	33676
26309	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-D^-\bar{D}^{*0}$	26308	1	33677
26310	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0J/\psi\Delta^0\bar{\Sigma}_c^{*-}$	26309	1	33678
26311	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^+D^-D_s^+$	26310	1	33679
26312	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D_2^{*-}D_s^{*+}$	26311	1	33680
26313	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^-D^{*+}D_s^{*+}$	26312	1	33681
26314	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^{*-}\bar{D}^{*-}D^0\bar{n}p$	26313	1	33682
26315	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^+\bar{D}^0D_1^-$	26314	1	33683
26316	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Xi}^0$	26315	1	33684
26317	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-D^{*+}$	26316	1	33685
26318	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-\omega K^+D^{*+}\bar{D}^0$	26317	1	33686
26319	$e^+e^- \to \pi^0\pi^+D^+D^0D_s^-D_s^{*-}$	26318	1	33687
26320	$e^+e^- \to \tau^+\nu_\tau\rho^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	26319	1	33688
26321	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^+D^-D^{*+}\bar{D}^{*-}D^0$	26320	1	33689
26322	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}$	26321	1	33690
26323	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*\bar{D}^{*-}$	26322	1	33691
26324	$e^+e^- \to \mu^+\nu_\mu\eta'D^+\bar{D}^{*-}D_s^{*-}$	26323	1	33692
26325	$e^+e^- \to \pi^0\pi^+D^{*+}\bar{D}^{*-}D^0D_s^-$	26324	1	33693
26326	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^-D^{*+}$	26325	1	33694
26327	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	26326	1	33695
26328	$e^+e^- \to \rho^-\omega K^0D^{*+}\bar{D}^0D^{*0}$	26327	1	33696
26329	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_2^{*+}D_{s1}'^+$	26328	1	33697
26330	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\bar{K}^*D^-D^{*0}D_s^+$	26329	1	33698
26331	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega\omega\omega K^+D^-\bar{D}^0$	26330	1	33699
26332	$e^+e^- \to \pi^0\pi^0\pi^+\eta\omega\omega K^0K^{*-}D^+\bar{D}^{*-}$	26331	1	33700
26333	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+D^{*+}\bar{D}^{*0}$	26332	1	33701
26334	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^+D^-D^0\Delta^-\bar{n}$	26333	1	33702
26335	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^-\bar{\Delta}^0\Xi_c^+$	26334	1	33703
26336	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta K^0\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-}$	26335	1	33704

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26337	$e^+e^- \to \pi^0\pi^+\rho^+\omega K^+K^-D^-D^-$	26336	1	33705
26338	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^{*+}D_2^{*-}$	26337	1	33706
26339	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	26338	1	33707
26340	$e^+e^- \to \pi^0\pi^0\pi^+K^0K^-K^-K^{*+}D^+\bar{D}^{*-}$	26339	1	33708
26341	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	26340	1	33709
26342	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^0K^-D^+\bar{D}^{*-}a_1^+\gamma$	26341	1	33710
26343	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^{*+}\bar{D}^{*-}a_1^-$	26342	1	33711
26344	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^-D^{*+}$	26343	1	33712
26345	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-K^+D^+D_s^{*-}$	26344	1	33713
26346	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0K^{*+}D^-D^{*+}$	26345	1	33714
26347	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\pi^-\omega D^-D^{*+}$	26346	1	33715
26348	$e^+e^- \to \pi^0\rho^0\rho^+K_SD^-\psi'$	26347	1	33716
26349	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-}$	26348	1	33717
26350	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\rho^0\pi^+\bar{D}^{*-}$	26349	1	33718
26351	$e^+e^- \to \mu^+\nu_\mu K^*K^-D^+D^-$	26350	1	33719
26352	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	26351	1	33720
26353	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	26352	1	33721
26354	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}$	26353	1	33722
26355	$e^+e^- \to \pi^-\eta\omega D^+D^{*+}a_1^-$	26354	1	33723
26356	$e^+e^- \to \rho^-K^0\bar{K}^0D^+D_s^{*-}\bar{n}\Sigma_c^+$	2944	1	33724
26357	$e^+e^- \to \omega D_2^{*+}D_s^{*-}n\bar{\Xi}_c^{\prime 0}$	26356	1	33725
26358	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\bar{K}^*D^-D_s^{*+}$	26357	1	33726
26359	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^+\omega\omega K^0K^-D^+\bar{D}^{*-}$	26358	1	33727
26360	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{D}^{*-}\bar{D}^0$	26359	1	33728
26361	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\bar{D}^{*-}$	26360	1	33729
26362	$e^+e^- \to \pi^-\pi^-\omega D^+\bar{\Delta}^0\Sigma_c^{*+}$	26361	1	33730
26363	$e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}\bar{D}^{*-}$	26362	1	33731
26364	$e^+e^- \to \pi^0K^*\bar{K}^*D^0\bar{D}^0D_s^+D_s^{*-}$	26363	1	33732
26365	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D_s^{*+}D_1^-$	26364	1	33733
26366	$e^+e^- \to \pi^0\rho^0\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{*-}$	26365	1	33734
26367	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^+D^0D_s^-$	26366	1	33735
26368	$e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{K}^0K^{*+}\Lambda\bar{\Xi}_c^{*-}$	26367	1	33736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26369	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}D^0D_s^{*+}$	26368	1	33737
26370	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta' D^-D^-$	26369	1	33738
26371	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^*D^0J/\psi$	26370	1	33739
26372	$e^+e^- \to \pi^-D^+\bar{D}^0D_s^{*+}D_{s1}^-$	26371	1	33740
26373	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	26372	1	33741
26374	$e^+e^- \to \bar{K}^0K^+D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	26373	1	33742
26375	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^0D^{*+}\bar{D}^{*-}$	26374	1	33743
26376	$e^+e^- \to \pi^0\rho^+\eta K^0\bar{K}^*K^{*-}D^-D^{*+}$	26375	1	33744
26377	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^-D^{*+}\bar{D}^{*0}$	26376	1	33745
26378	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\eta\omega\bar{K}^0K^+D^{*+}\bar{D}^{*0}$	26377	1	33746
26379	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^-D_2^{*+}$	26378	1	33747
26380	$e^+e^- \to e^-\bar{\nu}_eD^+D^{*+}D_{s0}^{*-}$	26379	1	33748
26381	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\omega D^{*+}D_s^{*+}D_1^-$	26380	1	33749
26382	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta K^{*+}\bar{D}^{*-}\eta_c$	26381	1	33750
26383	$e^+e^- \to K_SD^-D_s^+\eta_c$	26382	1	33751
26384	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+\omega D^+\bar{D}^{*-}$	26383	1	33752
26385	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	26384	1	33753
26386	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_0^{*+}a_1^+$	26385	1	33754
26387	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_{s1}'^+\gamma$	26386	1	33755
26388	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{K}^*D^-D^0\bar{D}^{*0}$	26387	1	33756
26389	$e^+e^- \to e^-\bar{\nu}_eD^{*+}D^{*+}D_{s1}'^-$	26388	1	33757
26390	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0\bar{D}^0D^{*0}D_1^+$	26389	1	33758
26391	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*D^+D^+$	26390	1	33759
26392	$e^+e^- \to \rho^0K^0D^+D^0\bar{D}^{*0}D_s^{*-}$	26391	1	33760
26393	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^*D^{*+}\bar{D}^{*-}$	26392	1	33761
26394	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^{*+}D^+D^-D^0$	26393	1	33762
26395	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}n\bar{\Xi}_c^-$	26394	1	33763
26396	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta' D^+\bar{D}^{*-}$	26395	1	33764
26397	$e^+e^- \to e^-\bar{\nu}_eK^*D^+D^0\bar{D}^{*0}$	26396	1	33765
26398	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0}$	26397	1	33766
26399	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau X_u^-D^+$	26398	1	33767
26400	$e^+e^- \to e^+\nu_e\pi^-\eta\omega D^-D^{*+}$	26399	1	33768

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26401	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+K^{*+}D^+\bar{D}^0$	26400	1	33769
26402	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D_s^-D_1^+$	26401	1	33770
26403	$e^+e^- \to \rho^+\rho^-D_2^{*+}n\bar{\Lambda}_c^-$	26402	1	33771
26404	$e^+e^- \to \tau^+\nu_\tau K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	26403	1	33772
26405	$e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}D_s^{*+}D_1^-$	26404	1	33773
26406	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	26405	1	33774
26407	$e^+e^- \to \bar{K}^0K^{*+}D^-D^{*0}D_s^-D_s^{*+}$	26406	1	33775
26408	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	26407	1	33776
26409	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega K^{*-}D^+$	26408	1	33777
26410	$e^+e^- \to \rho^0\rho^+\rho^-\bar{K}^0K^-K^{*+}D^-D^{*+}$	26409	1	33778
26411	$e^+e^- \to \rho^+K^*K^{*-}D^+\bar{D}^{*0}n\bar{p}$	26410	1	33779
26412	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\omega D^+\bar{D}^{*0}$	26411	1	33780
26413	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	26412	1	33781
26414	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^{*+}D^-D^{*+}D^0\gamma$	26413	1	33782
26415	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^+\eta'D^-D^0$	26414	1	33783
26416	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	26415	1	33784
26417	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^+\eta_cD_1^+$	26416	1	33785
26418	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega K^-K^{*+}D^-\bar{\Delta}^+\Sigma_c^{*0}$	26417	1	33786
26419	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^*D^+D^-\bar{D}^{*0}D_s^+$	26418	1	33787
26420	$e^+e^- \to D^+D^-\bar{n}pp\bar{\Delta}^{++}$	26419	1	33788
26421	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	26420	1	33789
26422	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\rho^-K^{*-}D^+D^+\bar{D}^{*0}$	26421	1	33790
26423	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-K^{*-}D^+D^0\bar{D}^{*0}$	26422	1	33791
26424	$e^+e^- \to \mu^+\nu_\mu\pi^-\bar{D}^{*-}\bar{D}^0D_s^{*+}$	2945	1	33792
26425	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta D^+\bar{D}^{*-}$	26424	1	33793
26426	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0D^{*+}\bar{\Delta}^+\Lambda_c^+$	26425	1	33794
26427	$e^+e^- \to \pi^+\omega K^-\eta'D^+\bar{D}^{*-}\bar{D}^{*0}$	26426	1	33795
26428	$e^+e^- \to e^+\nu_e\pi^-\omega K^+K^-D^{*+}\bar{D}^{*-}$	26427	1	33796
26429	$e^+e^- \to \rho^0\rho^+\rho^+K^0\bar{K}^0\phi D^-\bar{D}^{*-}$	26428	1	33797
26430	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*-}\eta'\bar{D}^{*0}D_s^+$	2946	1	33798
26431	$e^+e^- \to \rho^0\pi^+\eta D^{*+}\bar{D}^{*-}D_{s1}'^-$	26430	1	33799
26432	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta D^+\bar{D}^0$	26431	1	33800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26433	$e^+e^- \to \pi^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*-}$	26432	1	33801
26434	$e^+e^- \to \eta\omega\omega\bar{D}^0D_s^{*-}D_1^+$	26433	1	33802
26435	$e^+e^- \to \pi^+\rho^-D^+D^-\bar{\Sigma}^0\Sigma^+D_{s1}'^-$	26434	1	33803
26436	$e^+e^- \to e^+\nu_e\bar{K}^0D^+\bar{D}^{*-}D_1^-$	26435	1	33804
26437	$e^+e^- \to \rho^0\pi^+D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0$	26436	1	33805
26438	$e^+e^- \to \omega\omega K^0K^-D^{*+}\bar{D}^{*-}D_s^+$	26437	1	33806
26439	$e^+e^- \to \rho^0\rho^+\rho^-\rho^-\eta\omega\omega K^0D^{*+}$	26438	1	33807
26440	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega K^0K^0\bar{K}^0K^*\bar{K}^*D^+$	26439	1	33808
26441	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_s^+$	26440	1	33809
26442	$e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^+D^+\bar{D}^{*-}$	26441	1	33810
26443	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\eta D^-D^{*+}$	26442	1	33811
26444	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta\bar{D}^{*-}D_2^{*+}$	26443	1	33812
26445	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta K^0D^+\chi_{c0}$	26444	1	33813
26446	$e^+e^- \to \omega K^0D^-D^{*+}D^{*+}\bar{D}^{*-}$	26445	1	33814
26447	$e^+e^- \to \pi^+\pi^-D^{*+}\bar{D}^0D_s^{*-}$	26446	1	33815
26448	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\bar{n}\Sigma_c^0$	26447	1	33816
26449	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-D^+D^{*+}$	26448	1	33817
26450	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\rho^-D^+D^{*+}$	26449	1	33818
26451	$e^+e^- \to e^-\bar{\nu}_e\omega D^+D^{*+}D_s^-$	26450	1	33819
26452	$e^+e^- \to e^+\nu_e\bar{K}^0\Lambda_c^+\bar{\Lambda}_c^-D_1^-$	26451	1	33820
26453	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^+K^{*-}D^+\bar{D}^{*-}D_{s0}^{*+}$	26452	1	33821
26454	$e^+e^- \to \pi^0\eta K^+\eta'D^-D^0\Sigma^+\bar{\Sigma}^-$	26453	1	33822
26455	$e^+e^- \to \pi^0\rho^0\rho^-D^+\Delta^+\bar{\Xi}_c^{*-}$	26454	1	33823
26456	$e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{D}^0\bar{D}^0D_s^{*+}n\bar{n}$	26455	1	33824
26457	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+D^-\bar{n}p$	26456	1	33825
26458	$e^+e^- \to \rho^0\pi^+\eta\bar{K}^0K^*K^-D^+D^-\bar{D}^{*0}$	26457	1	33826
26459	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\rho^-D^-D_2^{*-}$	26458	1	33827
26460	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\eta\omega\bar{K}^0K^{*+}D^-D^-$	26459	1	33828
26461	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^+$	26460	1	33829
26462	$e^+e^- \to e^+\nu_eK^{*-}D^{*+}\bar{D}^{*-}$	26461	1	33830
26463	$e^+e^- \to \tau^+\nu_\tau\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	26462	1	33831
26464	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*\bar{D}^{*-}p\bar{\Sigma}^{*+}\Sigma^{*0}\bar{\Lambda}_c^-$	26463	1	33832

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26465	$e^+e^- \to \pi^-\omega D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	26464	1	33833
26466	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\rho^-\eta\bar{D}^{*-}$	26465	1	33834
26467	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^+\rho^-\rho^-\eta\omega D^-D^{*+}$	26466	1	33835
26468	$e^+e^- \to e^+\nu_e K^0K^*\bar{K}^*K^-D^+\bar{D}^{*-}$	26467	1	33836
26469	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^+\bar{D}^{*-}$	26468	1	33837
26470	$e^+e^- \to \pi^0\pi^0\pi^+D^-\bar{D}^{*-}a_1^+$	26469	1	33838
26471	$e^+e^- \to \bar{K}^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	26470	1	33839
26472	$e^+e^- \to \pi^0\rho^-\eta\omega\bar{K}^*K^+D^+D^-$	26471	1	33840
26473	$e^+e^- \to \bar{K}^0K^+D^-D^{*+}p\bar{p}D_{s1}'^-$	26472	1	33841
26474	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0K^+D^{*+}\bar{D}^0$	26473	1	33842
26475	$e^+e^- \to \rho^0\pi^+\omega\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	26474	1	33843
26476	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega\omega\bar{K}^0K^+D^+\bar{D}^0$	26475	1	33844
26477	$e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	26476	1	33845
26478	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-K^0K^-D^+\bar{D}^{*0}$	26477	1	33846
26479	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^+\bar{D}^{*-}$	26478	1	33847
26480	$e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^0D^-\bar{D}^0D_s^{*+}$	26479	1	33848
26481	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta D^+D^{*+}\Delta^+\bar{\Delta}^{++}$	26480	1	33849
26482	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*0}$	26481	1	33850
26483	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^+K^-D^+D^-$	26482	1	33851
26484	$e^+e^- \to \pi^-\bar{K}^*K^{*+}D^+\bar{D}^{*-}J/\psi$	26483	1	33852
26485	$e^+e^- \to \pi^+\rho^-\rho^-\eta D^{*+}D^{*+}D_s^{*-}\gamma$	26484	1	33853
26486	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\omega\bar{D}^{*-}D_1'^+$	26485	1	33854
26487	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^*K^-D^{*+}\bar{D}^0$	26486	1	33855
26488	$e^+e^- \to \pi^0K^0K^{*-}D^{*+}\bar{D}^0D^{*0}\bar{D}^{*0}$	26487	1	33856
26489	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega\eta'\eta'D^+D^+$	26488	1	33857
26490	$e^+e^- \to \rho^0\pi^+\omega K^0K^0\bar{K}^0D_s^-J/\psi$	26489	1	33858
26491	$e^+e^- \to \pi^0\omega D^{*+}D_s^{*-}\Delta^+\bar{\Sigma}_c^{*-}$	26490	1	33859
26492	$e^+e^- \to \rho^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+$	26491	1	33860
26493	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^-D^-D^{*+}\bar{D}^0$	2947	1	33861
26494	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*\bar{D}^{*-}\gamma$	26493	1	33862
26495	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^0D_s^{*-}D_1^+$	26494	1	33863
26496	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}\chi_{c1}$	26495	1	33864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26497	$e^+e^- \to \pi^0\eta\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	26496	1	33865
26498	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^+\bar{D}^{*-}D_s^{*+}$	26497	1	33866
26499	$e^+e^- \to \rho^+\rho^-K^+K^{*-}D^{*+}\bar{D}^{*-}\bar{p}\Delta^+$	26498	1	33867
26500	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta' D^{*+}\bar{D}^{*-}$	26499	1	33868
26501	$e^+e^- \to e^+\nu_e\pi^+\rho^-\omega K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	26500	1	33869
26502	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^+K^-\eta' D^+D^-D_s^-$	26501	1	33870
26503	$e^+e^- \to \rho^0K^0K^0\bar{K}^*K^-D^-D^{*+}a_1^+$	26502	1	33871
26504	$e^+e^- \to K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}\bar{p}\Delta^+$	26503	1	33872
26505	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\bar{D}^{*-}D_1'^+$	26504	1	33873
26506	$e^+e^- \to \rho^0\omega\bar{D}^{*-}D^{*0}D_s^{*+}$	26505	1	33874
26507	$e^+e^- \to \pi^0\pi^+\bar{K}^*D^-\bar{D}^{*-}D^{*0}D_s^{*+}$	26506	1	33875
26508	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+\eta D^-$	26507	1	33876
26509	$e^+e^- \to \rho^0\rho^+\omega D^{*+}\bar{D}^{*-}D_{s1}'^-$	26508	1	33877
26510	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^0n\bar{p}$	26509	1	33878
26511	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\rho^+D^+D^-n\bar{p}$	26510	1	33879
26512	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^-D^{*+}D_s^-$	26511	1	33880
26513	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^+D^0\bar{D}^{*0}$	26512	1	33881
26514	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\omega D^-\bar{p}\Lambda_c^+$	26513	1	33882
26515	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0K^*D^-D^{*0}D_s^{*+}$	26514	1	33883
26516	$e^+e^- \to \rho^0\rho^+K^+K^-D^+D^-D^-$	26515	1	33884
26517	$e^+e^- \to \pi^+\pi^-D^+D_s^+n\bar{p}D_1^-$	26516	1	33885
26518	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+K^+D^-D^0\Sigma^+\bar{\Xi}_c^0$	26517	1	33886
26519	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-}$	26518	1	33887
26520	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^-D^{*+}D_1^+$	26519	1	33888
26521	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^-D^{*+}D^{*+}\bar{D}^{*0}$	26520	1	33889
26522	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^+$	26521	1	33890
26523	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+D^{*+}\bar{D}^{*-}$	26522	1	33891
26524	$e^+e^- \to \pi^+\pi^-K^+D^+D^-D^0D_s^{*-}$	26523	1	33892
26525	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^*K^+D^-D^{*0}$	26524	1	33893
26526	$e^+e^- \to \pi^0\rho^-K^*K^+K^{*-}D^+D^0\bar{D}^{*0}$	26525	1	33894
26527	$e^+e^- \to \pi^-\rho^+\bar{K}^*K^+D^-D^0\bar{D}^0$	26526	1	33895
26528	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	26527	1	33896

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26529	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\omega D^- D_0^{*+}$	26528	1	33897
26530	$e^+e^- \to \pi^0\rho^+\rho^-\rho^- D^+\bar{D}^{*-}D_s^{*+}$	26529	1	33898
26531	$e^+e^- \to \pi^0\pi^0\rho^0\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*-}$	26530	1	33899
26532	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\bar{K}^* D^+\bar{D}^{*-}D_2^{*-}$	26531	1	33900
26533	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\eta\eta\omega\bar{D}^{*-}\bar{D}^{*0}$	26532	1	33901
26534	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^0$	26533	1	33902
26535	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{K}^* D^-\bar{D}^{*-}D_s^+$	26534	1	33903
26536	$e^+e^- \to K_S\bar{D}^{*-}D_s^{*+}\psi'$	26535	1	33904
26537	$e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0K^+K^-K^{*+}D^+D^-$	26536	1	33905
26538	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^{*-}D^-\bar{D}^0D_s^{*+}$	26537	1	33906
26539	$e^+e^- \to \rho^0\rho^0\rho^0\rho^+\eta D^-D^0$	26538	1	33907
26540	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	26539	1	33908
26541	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^+K^-K^{*+}D^+\eta_c$	26540	1	33909
26542	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+\bar{\Sigma}^{*0}\Xi^{*-}$	26541	1	33910
26543	$e^+e^- \to \pi^-\eta\omega K^*\bar{K}^*K^+K^-D^{*+}$	26542	1	33911
26544	$e^+e^- \to \pi^-\pi^-K^+\bar{D}^0\bar{D}^0D_s^+$	26543	1	33912
26545	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-\bar{D}^{*0}$	26544	1	33913
26546	$e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^*D^+D^-D^-$	26545	1	33914
26547	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\bar{K}^0K^*K^+K^-D^-D^{*0}$	26546	1	33915
26548	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\eta D^-n\bar{p}$	26547	1	33916
26549	$e^+e^- \to \pi^0D^{*+}\bar{D}^{*-}\bar{n}pD_{s1}'^-$	26548	1	33917
26550	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^*K^+D^+\bar{D}^{*-}$	26549	1	33918
26551	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\pi^-\rho^+D^+D_2^{*-}$	26550	1	33919
26552	$e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^*D^+D^-\bar{n}p$	26551	1	33920
26553	$e^+e^- \to \rho^+\bar{D}^{*0}\bar{p}\Delta^+\bar{\Sigma}^-\Sigma_c^0$	26552	1	33921
26554	$e^+e^- \to \pi^-K^*D^{*+}D_2^{*+}\bar{D}^0D_s^{*-}$	26553	1	33922
26555	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^+\bar{D}^{*-}D_1'^-$	26554	1	33923
26556	$e^+e^- \to \rho^0K^-D^{*+}\bar{D}^{*-}\bar{D}^0\bar{n}p$	26555	1	33924
26557	$e^+e^- \to \rho^-K^*D^+D^+\bar{D}^{*-}\Delta^{++}\bar{\Delta}^{++}$	26556	1	33925
26558	$e^+e^- \to \mu^+\nu_\mu\rho^+K^*\bar{K}^*D^-\bar{D}^{*-}$	26557	1	33926
26559	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^0$	26558	1	33927
26560	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+D^-D_0^{*+}$	26559	1	33928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26561	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D_2^{*+}D^0\bar{D}^{*0}$	26560	1	33929
26562	$e^+e^- \to \tau^+\nu_\tau\bar{K}^*D^-D_s^-D_s^{*+}$	2948	1	33930
26563	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\omega K^0D^+\bar{D}^{*0}$	26562	1	33931
26564	$e^+e^- \to \eta\omega K^0K^-D^+\bar{D}^{*-}\bar{\Sigma}^+\Lambda$	26563	1	33932
26565	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\Lambda\bar{\Xi}_c^{*0}$	26564	1	33933
26566	$e^+e^- \to \mu^+\nu_\mu\rho^+K^{*-}\bar{D}^{*-}J/\psi$	26565	1	33934
26567	$e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^+D_s^-$	26566	1	33935
26568	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\bar{K}^*K^+D^-D^0$	26567	1	33936
26569	$e^+e^- \to e^-\bar{\nu}_eK^*D^{*+}\bar{D}^{*-}D_0^{*+}$	26568	1	33937
26570	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+K^*D^+D^{*+}\bar{D}^{*-}$	26569	1	33938
26571	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^-D^+\bar{D}^{*0}$	26570	1	33939
26572	$e^+e^- \to \rho^0\pi^-K^0D^{*+}\bar{D}^{*-}\bar{n}\Delta^+$	26571	1	33940
26573	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-K^+\bar{D}^0D_1^+$	26572	1	33941
26574	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\omega D^-D_1'^+$	26573	1	33942
26575	$e^+e^- \to e^+\nu_eD^-D_s^{*+}D_0^{*-}$	26574	1	33943
26576	$e^+e^- \to \rho^0\rho^+\rho^+K^-\bar{D}^{*-}\eta_c$	26575	1	33944
26577	$e^+e^- \to \pi^+\pi^-\rho^-K^+\bar{\Sigma}^+\Lambda\Xi_c^0\bar{\Xi}_c^-$	26576	1	33945
26578	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}D^0\bar{D}^0$	26577	1	33946
26579	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-K^+\bar{D}^{*-}\bar{D}^{*0}$	26578	1	33947
26580	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^{*-}D^-D^{*+}D_s^+$	26579	1	33948
26581	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-D^{*+}\bar{D}^{*-}$	26580	1	33949
26582	$e^+e^- \to e^+\nu_eK^0K^-D^+D_1^-$	26581	1	33950
26583	$e^+e^- \to \pi^+\rho^-D^+D_s^-$	26582	1	33951
26584	$e^+e^- \to \bar{D}^{*-}D^0D_s^{*+}\Delta^0\bar{\Delta}^0$	26583	1	33952
26585	$e^+e^- \to \mu^-\bar{\nu}_\mu K_SD^+\eta_c$	26584	1	33953
26586	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta\omega K^+K^-D^+\bar{D}^{*-}$	26585	1	33954
26587	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}$	26586	1	33955
26588	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+D^+D^-$	26587	1	33956
26589	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta D^{*+}\bar{D}^{*-}$	26588	1	33957
26590	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^-D^{*+}D_1^-$	26589	1	33958
26591	$e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^*D^-\bar{D}^0D^{*0}$	26590	1	33959
26592	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\bar{D}^{*-}$	26591	1	33960

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26593	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^0 K^+ K^{*-}\bar{D}^{*-}D^0\bar{D}^0$	26592	1	33961
26594	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-\rho^+\rho^+D^+\bar{D}^{*-}$	26593	1	33962
26595	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*-}$	26594	1	33963
26596	$e^+e^- \to \rho^0\pi^-\omega\omega D^{*+}\bar{\Delta}^+\Lambda_c^+$	26595	1	33964
26597	$e^+e^- \to \pi^0\eta D^-\bar{n}p\bar{\Delta}^+\Xi_c^+$	26596	1	33965
26598	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*D^-D^-D^{*+}$	26597	1	33966
26599	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma^0$	26598	1	33967
26600	$e^+e^- \to \pi^-\pi^-\rho^+\rho^-D^+D^-\bar{n}\Delta^{++}$	26599	1	33968
26601	$e^+e^- \to \pi^+\pi^-K^0D^+D^+D^-a_1^-$	26600	1	33969
26602	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\bar{D}^0\bar{D}^0D_s^{*+}$	26601	1	33970
26603	$e^+e^- \to \rho^0\pi^-\omega K^-D^{*+}D^{*+}\bar{D}^0$	26602	1	33971
26604	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\omega D^+\bar{D}^{*-}$	26603	1	33972
26605	$e^+e^- \to \pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^{*+}$	26604	1	33973
26606	$e^+e^- \to \pi^+\rho^+\rho^-K^*K^{*-}D^+D^-$	26605	1	33974
26607	$e^+e^- \to e^+\nu_e K^0\bar{K}^0\bar{K}^*D_1^-$	26606	1	33975
26608	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta\eta D^-\bar{D}^{*-}$	26607	1	33976
26609	$e^+e^- \to e^+\nu_e\pi^0\eta K^-D^{*+}\bar{D}^{*-}$	26608	1	33977
26610	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^-D_2^{*+}D_s^{*+}$	26609	1	33978
26611	$e^+e^- \to \rho^-K^0D^+D^{*0}\bar{D}^{*0}\gamma$	26610	1	33979
26612	$e^+e^- \to \rho^0\rho^0\omega D^-D^0a_1^+$	26611	1	33980
26613	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}D_s^{*+}$	26612	1	33981
26614	$e^+e^- \to \tau^+\nu_\tau K^0\bar{D}^{*-}D_s^{*+}D_s^{*-}$	26613	1	33982
26615	$e^+e^- \to \pi^-\bar{K}^0D^+\bar{D}^{*-}p\bar{\Xi}_c'^0$	26614	1	33983
26616	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0D^-D^{*+}D_s^+$	26615	1	33984
26617	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0K^+K^-\eta'\bar{D}^{*-}D^{*0}$	26616	1	33985
26618	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	26617	1	33986
26619	$e^+e^- \to \pi^0\omega D^-D^{*+}D_s^{*+}n\bar{p}$	26618	1	33987
26620	$e^+e^- \to \tau^+\nu_\tau\pi^0K^*K^-D^{*+}\bar{D}^{*-}$	2949	1	33988
26621	$e^+e^- \to \rho^0\bar{K}^0K^-D^{*+}D^0\bar{D}^0\bar{D}^{*0}$	26620	1	33989
26622	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0D_2^{*+}\bar{D}^{*0}$	26621	1	33990
26623	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\omega\bar{K}^*K^+D^-\bar{D}^{*-}$	26622	1	33991
26624	$e^+e^- \to K^-D^+D^{*+}\bar{D}^{*0}\bar{\Delta}^0\Sigma^-$	26623	1	33992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26625	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0K^-\eta' D^+D^{*0}\bar{D}^{*0}$	26624	1	33993
26626	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	26625	1	33994
26627	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta\eta\omega\bar{K}^*K^+D^-D^0$	26626	1	33995
26628	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta D^{*+}\bar{D}^{*-}$	26627	1	33996
26629	$e^+e^- \to \pi^0\rho^+\omega\omega K^0\bar{D}^{*-}\bar{D}^0$	26628	1	33997
26630	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^-\omega D^+\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	26629	1	33998
26631	$e^+e^- \to D_2^{*+}D_2^{*+}D_s^{*-}D_s^{*-}$	26630	1	33999
26632	$e^+e^- \to \eta\omega K^0\bar{K}^0D^-\bar{D}^0D_s^{*+}$	26631	1	34000
26633	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^-D^{*+}\bar{\Sigma}^0\Sigma^{*0}$	26632	1	34001
26634	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-D^+D_1^-$	2950	1	34002
26635	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta' D^{*+}\bar{D}^{*-}$	26634	1	34003
26636	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^{*-}\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-\Delta^-$	26635	1	34004
26637	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\eta\eta\eta\omega D^-\bar{D}^{*-}$	26636	1	34005
26638	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^-D^-D^{*+}\Delta^0\bar{\Xi}_c^{*0}$	26637	1	34006
26639	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-}$	26638	1	34007
26640	$e^+e^- \to \rho^0K^0D^{*+}D^{*0}\bar{D}^{*0}p\bar{\Delta}^{++}$	26639	1	34008
26641	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}D^{*0}$	26640	1	34009
26642	$e^+e^- \to \rho^0\rho^+K^+K^-\bar{D}^{*-}\bar{D}^0\Delta^0\bar{\Delta}^0$	26641	1	34010
26643	$e^+e^- \to e^+\nu_eK^-D^+\bar{D}^{*0}D_1^-$	26642	1	34011
26644	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\rho^-D^+D_2^{*+}$	26643	1	34012
26645	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\bar{K}^0K^*\bar{K}^*D^+D^-n\bar{\Lambda}$	26644	1	34013
26646	$e^+e^- \to \pi^0\rho^0\pi^+D^-\bar{K}_1^0\psi'$	26645	1	34014
26647	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	2951	1	34015
26648	$e^+e^- \to D^-\bar{D}^{*-}D_s^+D_s^{*+}$	26647	1	34016
26649	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}a_1^+$	26648	1	34017
26650	$e^+e^- \to \rho^+\rho^+\rho^-\omega\bar{K}^0D^+D^-D^-$	26649	1	34018
26651	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}n\bar{n}D_1^+$	26650	1	34019
26652	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\bar{K}^0K^-K^{*+}K^{*+}D^+\bar{D}^{*-}$	26651	1	34020
26653	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*0}\bar{D}^{*0}$	26652	1	34021
26654	$e^+e^- \to \pi^+K^0\bar{K}^0K^*K^-D^+\Delta^+\bar{\Sigma}_c^{--}$	26653	1	34022
26655	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-D^+D^-$	26654	1	34023
26656	$e^+e^- \to \pi^0\rho^+D^-n\bar{n}p\bar{p}$	26655	1	34024

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26657	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*0}$	26656	1	34025
26658	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^{*-}D^+\bar{D}^{*-}D^0$	26657	1	34026
26659	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^+D^-D^{*+}$	26658	1	34027
26660	$e^+e^- \to e^+\nu_e\pi^+K^-D^-\bar{D}^{*-}n\bar{\Sigma}^{*+}$	26659	1	34028
26661	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+D^+D_2^{*-}n\bar{p}$	26660	1	34029
26662	$e^+e^- \to \pi^-\rho^-K^+D^+n\bar{n}p\bar{\Sigma}_c^-$	26661	1	34030
26663	$e^+e^- \to \rho^0\pi^+\omega K^*D^+D^-\bar{D}^{*-}$	26662	1	34031
26664	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^+D^-$	26663	1	34032
26665	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-D^{*+}D_s^-$	26664	1	34033
26666	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^+K^{*-}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	26665	1	34034
26667	$e^+e^- \to \rho^+\omega K^0K^0K^-D^-D^{*+}D^{*0}$	26666	1	34035
26668	$e^+e^- \to \pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}D^{*0}$	26667	1	34036
26669	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^0D^+D_2^{*-}$	26668	1	34037
26670	$e^+e^- \to \pi^0\pi^-K^*D^+\bar{D}^{*-}p\bar{\Sigma}_c^{*0}$	26669	1	34038
26671	$e^+e^- \to \rho^0\pi^-\pi^-K^{*+}D^{*+}D^0\bar{D}^{*0}$	26670	1	34039
26672	$e^+e^- \to \pi^0\rho^0\rho^0\eta K^+D^0D_s^{*-}$	26671	1	34040
26673	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^+D^-\bar{p}\Delta^+$	26672	1	34041
26674	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-D^+\bar{D}^{*-}p\bar{p}$	26673	1	34042
26675	$e^+e^- \to \pi^0\pi^0\pi^+K^+K^-D^{*+}D^0D_s^-D_s^{*-}$	26674	1	34043
26676	$e^+e^- \to \omega D^+D_s^{*-}\bar{n}\Sigma_c^0$	26675	1	34044
26677	$e^+e^- \to e^+\nu_e\rho^0\rho^0\omega\omega D_1'^-$	26676	1	34045
26678	$e^+e^- \to \pi^+\rho^-\eta\bar{K}^0D^-D^{*+}\bar{D}^{*0}$	26677	1	34046
26679	$e^+e^- \to \pi^-\omega\omega D^+\bar{D}^{*-}D_s^{*+}$	26678	1	34047
26680	$e^+e^- \to \rho^+\eta K^0D^-D^{*+}D^0D_s^{*-}$	2952	1	34048
26681	$e^+e^- \to \pi^0K^+D^-D^-D^{*0}D_s^+$	26680	1	34049
26682	$e^+e^- \to e^+\nu_e\pi^0\eta K^0K^-D^-D^{*+}$	26681	1	34050
26683	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-D^{*+}D_2^{*-}$	26682	1	34051
26684	$e^+e^- \to \pi^+\eta D^-\bar{D}^{*-}D_{s1}'^+$	26683	1	34052
26685	$e^+e^- \to \eta K^0K^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	26684	1	34053
26686	$e^+e^- \to \rho^0\bar{D}^{*-}D_s^+\bar{n}\Sigma_c^{*0}$	26685	1	34054
26687	$e^+e^- \to \pi^+\pi^-\rho^-\eta\eta\omega K^*D^+D^+D^-$	26686	1	34055
26688	$e^+e^- \to e^-\bar{\nu}_e\eta D^+\bar{D}^{*-}D_s^{*+}$	26687	1	34056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26689	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega D^+D^-\bar{\Delta}^-\Delta^0$	26688	1	34057
26690	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\omega D^+\bar{D}^{*-}p\bar{p}$	26689	1	34058
26691	$e^+e^- \to \pi^+\rho^-\bar{K}^0K^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	26690	1	34059
26692	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Lambda$	26691	1	34060
26693	$e^+e^- \to \pi^-\rho^-\omega D^+\bar{D}^{*0}D_s^+\gamma$	26692	1	34061
26694	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega\omega D^+D^0\bar{D}^0$	26693	1	34062
26695	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	26694	1	34063
26696	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^-D^{*+}\bar{D}^0$	26695	1	34064
26697	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+K^0\bar{K}^*D^+D^-$	26696	1	34065
26698	$e^+e^- \to K^-D^-D^{*+}\bar{D}^0\bar{\Delta}^-\Delta^0$	26697	1	34066
26699	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^-\eta D^+D^-$	26698	1	34067
26700	$e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^+K^+D^-\bar{D}^{*-}D^{*0}$	26699	1	34068
26701	$e^+e^- \to e^+\nu_e\pi^+\eta\omega K^{*-}\bar{D}^{*-}D^{*0}$	26700	1	34069
26702	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+D^-\bar{D}^{*-}$	26701	1	34070
26703	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-D^-D^{*+}$	26702	1	34071
26704	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\omega K^-\bar{D}^{*-}D^0\bar{D}^0$	2953	1	34072
26705	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\eta\eta D^+\bar{D}^{*-}$	26704	1	34073
26706	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\omega K^*K^-D^+\bar{\Sigma}^{*+}\Sigma^{*0}$	26705	1	34074
26707	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^+D^-p\bar{p}$	26706	1	34075
26708	$e^+e^- \to e^+\nu_e\pi^-\bar{\Sigma}^{*0}\Xi_c^{*+}D_1'^-$	26707	1	34076
26709	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0K^0D^-D^{*+}D^{*+}$	26708	1	34077
26710	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*K^+D^-J/\psi$	26709	1	34078
26711	$e^+e^- \to \eta\bar{K}^0D^-\bar{D}^0D^{*0}a_1^+$	26710	1	34079
26712	$e^+e^- \to \pi^0\eta\omega\bar{K}^0K^*K^+\phi D_s^-J/\psi$	26711	1	34080
26713	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}$	26712	1	34081
26714	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^+K^-D^-D^{*+}$	26713	1	34082
26715	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*\bar{D}^{*-}D^{*0}$	26714	1	34083
26716	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+\rho^-\omega K^0\eta'D_1'^+$	26715	1	34084
26717	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{D}^{*-}p\bar{\Delta}^+D_1^+$	26716	1	34085
26718	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^0K^{*+}K^{*+}D^-\bar{D}^{*-}$	26717	1	34086
26719	$e^+e^- \to \pi^0\rho^0\rho^0K^0K^0K^-D^{*+}J/\psi$	26718	1	34087
26720	$e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*+}D_s^{*+}D_s^{*-}$	26719	1	34088

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26721	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega D^- D^0$	26720	1	34089
26722	$e^+e^- \to \rho^+\rho^-\omega\omega K^0 D^+ D_s^{*-}$	26721	1	34090
26723	$e^+e^- \to \eta' D_2^{*-} D_s^+ \bar{p}\Sigma_c^+$	26722	1	34091
26724	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0 K^+ D^+ D^- \bar{n}p$	26723	1	34092
26725	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^- D_s^{*+} D_1^-$	26724	1	34093
26726	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} D_s^{*+} D_1'^-$	26725	1	34094
26727	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\rho^-\rho^-\omega D^- D^{*0}$	26726	1	34095
26728	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^- K^{*+}\eta_c$	26727	1	34096
26729	$e^+e^- \to \pi^-\rho^-\omega K^{*+} D^+ D^+ D^-$	2954	1	34097
26730	$e^+e^- \to e^+\nu_e K_L J/\psi D_1'^-$	26729	1	34098
26731	$e^+e^- \to \rho^0\pi^-\rho^+\eta' D^+ D^-$	26730	1	34099
26732	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^- D^{*+}$	26731	1	34100
26733	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0 D^+ D^{*+} D_s^{*-}\bar{n}\Lambda$	26732	1	34101
26734	$e^+e^- \to e^+\nu_e\bar{K}^0 K^{*+} K^{*-}\bar{D}^{*-}$	26733	1	34102
26735	$e^+e^- \to \omega\omega K^- D^0 p\bar{\Omega}_c^0$	26734	1	34103
26736	$e^+e^- \to \pi^0\pi^+\pi^+\rho^- K^- D^- D^0 D_s^{*+}$	26735	1	34104
26737	$e^+e^- \to \pi^0\rho^0\pi^-\omega\omega\bar{K}^0 K^* D^+\Delta^0\bar{\Sigma}_c^{*0}$	26736	1	34105
26738	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^+\Delta^0\bar{\Lambda}_c^-$	26737	1	34106
26739	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\pi^- K^- K^{*+} D^+\bar{D}^0$	26738	1	34107
26740	$e^+e^- \to \pi^0\pi^-\pi^- K^+ D^+\bar{D}^{*-}\bar{n}\Sigma_c^+$	26739	1	34108
26741	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\omega\bar{D}^{*-} D^0\bar{\Delta}^-\Delta^0$	26740	1	34109
26742	$e^+e^- \to \pi^0\pi^-\eta D^+ D^-\bar{\Delta}^-\Delta^0$	26741	1	34110
26743	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\omega\bar{D}^{*-} D_2^{*+} D_s^{*-}$	26742	1	34111
26744	$e^+e^- \to \pi^0\rho^+\eta\bar{K}^* D^-\eta_c$	26743	1	34112
26745	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}\bar{n}\Lambda_c^+$	26744	1	34113
26746	$e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	26745	1	34114
26747	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\eta\omega D^- D^-$	26746	1	34115
26748	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^- K^- D^+ D^+\bar{D}^{*0}\bar{\Delta}^-\Delta^-$	26747	1	34116
26749	$e^+e^- \to \rho^0\rho^+ K^0 K^- D^{*+} D^{*0} D_s^-$	26748	1	34117
26750	$e^+e^- \to e^+\nu_e\pi^- D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	26749	1	34118
26751	$e^+e^- \to \rho^0\pi^-\pi^-\omega K^{*+} D^{*+} J/\psi$	26750	1	34119
26752	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega K^- D^{*+} D^{*0}$	26751	1	34120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26753	$e^+e^- \to \pi^0\rho^0\pi^+\omega\bar{K}^*D^-D^-D^{*+}$	26752	1	34121
26754	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^0K^{*-}D^{*+}\bar{D}^{*-}$	26753	1	34122
26755	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\eta D^+D^-$	26754	1	34123
26756	$e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}D_s^{*-}\gamma$	26755	1	34124
26757	$e^+e^- \to \pi^0\pi^-\pi^-K^0\bar{K}^*D^+D_s^+\bar{\Sigma}^+\Sigma^-$	26756	1	34125
26758	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^{*+}\psi(3770)$	26757	1	34126
26759	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^+\pi^-D^-D_2^{*+}$	26758	1	34127
26760	$e^+e^- \to \pi^-\rho^+K^{*+}K^{*-}J/\psi$	26759	1	34128
26761	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\pi^-\rho^+D^+D^-$	26760	1	34129
26762	$e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^0D^+D^-D_s^{*-}$	26761	1	34130
26763	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-K^-\bar{D}^{*-}D^{*0}$	26762	1	34131
26764	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\eta K^0K^{*-}D^+\bar{D}^{*-}$	26763	1	34132
26765	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^0\Delta^+\bar{\Delta}^+$	26764	1	34133
26766	$e^+e^- \to \pi^-K^0D^+D^-\bar{\Delta}^0\Sigma_c^{*+}$	26765	1	34134
26767	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}p\bar{\Xi}_c'^-$	26766	1	34135
26768	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	26767	1	34136
26769	$e^+e^- \to \rho^+\rho^+\bar{D}^{*-}\Lambda\bar{\Xi}_c^{*-}$	26768	1	34137
26770	$e^+e^- \to \pi^0\rho^+K^*K^{*-}D^{*+}\bar{D}^{*-}$	26769	1	34138
26771	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-K^*\bar{D}^{*0}D_1^+$	26770	1	34139
26772	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-}$	26771	1	34140
26773	$e^+e^- \to \pi^+\omega\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	26772	1	34141
26774	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^0D^+D^-D^-$	26773	1	34142
26775	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+K^-\bar{D}^{*-}D^0$	26774	1	34143
26776	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^-D^{*+}D_s^+$	26775	1	34144
26777	$e^+e^- \to \pi^-K^*K^-K^{*+}D^+D^+D^-$	26776	1	34145
26778	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta K^0D^+D_s^{*-}$	26777	1	34146
26779	$e^+e^- \to \pi^0\pi^+K^*D^0D_s^-J/\psi$	26778	1	34147
26780	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta'D^+D^-$	26779	1	34148
26781	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^0$	26780	1	34149
26782	$e^+e^- \to \pi^0K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+}$	26781	1	34150
26783	$e^+e^- \to \rho^0\rho^+K^+\bar{D}^{*-}\bar{D}^{*-}D^0$	26782	1	34151
26784	$e^+e^- \to \pi^0\rho^+\omega\omega D^-D^{*+}n\bar{p}$	26783	1	34152

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26785	$e^+e^- \to \eta K^0 D^+ D_s^- \bar{\Delta}^- \Delta^-$	26784	1	34153
26786	$e^+e^- \to \rho^- D^{*+} D^{*+} D_s^{*-}$	26785	1	34154
26787	$e^+e^- \to e^+\nu_e \pi^0 \pi^- \rho^- D^{*+} \bar{n} p D_1^-$	26786	1	34155
26788	$e^+e^- \to \pi^+\pi^+\pi^- \eta\omega K^{*-} \bar{D}^{*-} D^{*0} D_s^{*+}$	26787	1	34156
26789	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^0\bar{D}^0 D_s^+$	26788	1	34157
26790	$e^+e^- \to K^+ D^- D^{*0} D_s^{*-} D_1^+$	26789	1	34158
26791	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^-\pi^-\rho^+\omega D^{*+}\bar{\Delta}^+\Delta^{++}$	26790	1	34159
26792	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega\omega D^+ D^- p\bar{p}$	26791	1	34160
26793	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^* D^+ \bar{D}^{*-}\bar{D}^0$	26792	1	34161
26794	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\bar{K}^* D^+$	26793	1	34162
26795	$e^+e^- \to e^+\nu_e \pi^0\pi^-\pi^-\rho^+ D^{*+} D_0^{*-}$	26794	1	34163
26796	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+ D^+ D^- D_s^{*-}$	26795	1	34164
26797	$e^+e^- \to \rho^0\rho^+\eta\bar{K}^0 K^+ D^- D^{*0} D_s^-$	26796	1	34165
26798	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^*\eta' D^- D^- D^{*+}$	26797	1	34166
26799	$e^+e^- \to e^+\nu_e \pi^+ K^- \bar{D}^{*-} D^{*0}\bar{D}^{*0}$	26798	1	34167
26800	$e^+e^- \to \tau^-\bar{\nu}_\tau \rho^0\pi^+\pi^- D^- D^{*+}\bar{n}p$	26799	1	34168
26801	$e^+e^- \to \tau^-\bar{\nu}_\tau \rho^0\pi^+\pi^-\rho^+ D^+\bar{D}^{*-}$	26800	1	34169
26802	$e^+e^- \to \omega\bar{K}^0 K^* K^- D^{*+} D^{*+}\bar{D}^{*-}$	26801	1	34170
26803	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\omega\omega D^{*+}\bar{D}^{*0}$	26802	1	34171
26804	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^{*+} D_s^- J/\psi$	26803	1	34172
26805	$e^+e^- \to \pi^0\rho^-\eta\eta\bar{K}^* K^+ D^+\bar{D}^{*-}$	26804	1	34173
26806	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^- D^{*+}\bar{D}^0 D_s^{*+}$	26805	1	34174
26807	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\eta K^0 K^0 K^- D^{*+}$	26806	1	34175
26808	$e^+e^- \to \mu^+\nu_\mu \pi^0\rho^0\rho^0\rho^0\pi^+\eta D^-\bar{D}^{*-}$	26807	1	34176
26809	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\pi^+\pi^- K^0\bar{K}^0 D^- D^{*+}$	26808	1	34177
26810	$e^+e^- \to \mu^+\nu_\mu D^- K_1^0\psi'$	26809	1	34178
26811	$e^+e^- \to \rho^-\omega K^0\bar{K}^* D^+ D^{*0}$	26810	1	34179
26812	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0 D^- D^{*+}\bar{D}^{*-} D_s^{*+}$	26811	1	34180
26813	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega\bar{K}^0 D^{*0} D_s^+ D_s^{*-}$	26812	1	34181
26814	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^0\bar{D}^{*0} D_s^+$	26813	1	34182
26815	$e^+e^- \to e^+\nu_e \pi^+\rho^- D^{*+}\bar{D}^{*-} n\bar{p}$	26814	1	34183
26816	$e^+e^- \to \mu^+\nu_\mu \pi^+ K^- D^{*+}\bar{D}^{*-} D_1'^-$	26815	1	34184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26817	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^0 n\bar{n}$	26816	1	34185
26818	$e^+e^- \to \pi^0\pi^0\rho^+\omega K^{*+}D^-\bar{\Delta}^+\Xi_c^0$	26817	1	34186
26819	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}D_{s1}'^-$	26818	1	34187
26820	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^- D^{*0}D_1'^-$	26819	1	34188
26821	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^-\eta D^+\bar{D}^{*-}$	26820	1	34189
26822	$e^+e^- \to \pi^0\pi^+\rho^+\eta\omega K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	2955	1	34190
26823	$e^+e^- \to \pi^- K^0 D^-\bar{D}^0 D_s^{*+}\bar{\Delta}^-\Lambda$	26822	1	34191
26824	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\rho^- K^+K^- D^+D^-$	26823	1	34192
26825	$e^+e^- \to \pi^0\rho^+\rho^-\rho^- D^+D^- D_{s0}^{*+}$	26824	1	34193
26826	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta D^{*+}D^{*+}$	26825	1	34194
26827	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}D^{*0}$	26826	1	34195
26828	$e^+e^- \to \bar{K}^* K^+ D^{*+}\bar{D}^{*-}D_s^-$	26827	1	34196
26829	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^- D^+\bar{D}^{*0}$	26828	1	34197
26830	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega\omega\omega D^{*+}\bar{D}^{*-}$	26829	1	34198
26831	$e^+e^- \to \pi^- K^+\eta_c\bar{K}_1^0\psi(3770)$	26830	1	34199
26832	$e^+e^- \to \pi^0\pi^0\rho^-\bar{K}^* D^+D^- D^{*+}$	26831	1	34200
26833	$e^+e^- \to \rho^0\rho^0\pi^+ D^- D^{*+}D_s^{*-}$	26832	1	34201
26834	$e^+e^- \to \rho^-\omega K^{*+}D^+\bar{D}^{*-}D^{*0}$	26833	1	34202
26835	$e^+e^- \to \pi^-\eta\bar{K}^0 D^-\eta_c\bar{\Delta}^0\Delta^{++}$	26834	1	34203
26836	$e^+e^- \to \pi^0\pi^0\rho^0\rho^- D^+\bar{D}^{*0}$	26835	1	34204
26837	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\rho^+\omega\omega\bar{K}^0\bar{D}^{*-}D^0$	26836	1	34205
26838	$e^+e^- \to \bar{D}^{*-}D_s^{*+}D_1^- a_1^+$	26837	1	34206
26839	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0 D^-\bar{D}^0 D^{*0}$	26838	1	34207
26840	$e^+e^- \to e^+\nu_e X_u^- K^0\eta_c$	26839	1	34208
26841	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*0}$	26840	1	34209
26842	$e^+e^- \to \pi^+\rho^+\rho^+\rho^-\eta K^- D^-\bar{D}^0 D^{*0}$	26841	1	34210
26843	$e^+e^- \to \pi^0\pi^-\bar{K}^0 K^{*+}D^- D^{*+}$	26842	1	34211
26844	$e^+e^- \to e^-\bar{\nu}_e X_u^+ a_1^+ a_1^-$	26843	1	34212
26845	$e^+e^- \to K^0 D^{*+}D_s^- D_s^{*+}D_s^{*-}$	26844	1	34213
26846	$e^+e^- \to \pi^0\pi^0\rho^- D^+D^{*+}n\bar{p}$	26845	1	34214
26847	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0 K^* D^+D^{*+}D_s^{*-}$	26846	1	34215
26848	$e^+e^- \to \pi^0\pi^0\rho^-\omega\bar{K}^0 K^{*+}D^+D^-$	26847	1	34216

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26849	$e^+e^- \to \pi^+\omega\bar{K}^0D^-D^0\bar{D}^0$	26848	1	34217
26850	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}n\bar{\Sigma}_c^0$	26849	1	34218
26851	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^0K^*K^-D^-D_s^+$	26850	1	34219
26852	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	26851	1	34220
26853	$e^+e^- \to \pi^-\eta K^0\bar{K}^*K^{*+}D^+\bar{D}^{*-}D^0$	26852	1	34221
26854	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	26853	1	34222
26855	$e^+e^- \to e^+\nu_e\pi^+\omega D^-\bar{D}^{*-}$	26854	1	34223
26856	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}D_{s1}'^+$	26855	1	34224
26857	$e^+e^- \to \pi^0\pi^+\eta\eta K^*K^-D^+D^-$	26856	1	34225
26858	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-D^{*0}\bar{\Delta}^+\Sigma^{*+}$	26857	1	34226
26859	$e^+e^- \to \rho^-\omega D^{*+}D^{*+}D_{s1}'^-$	26858	1	34227
26860	$e^+e^- \to \pi^0\pi^0\omega\bar{K}^0K^{*+}D^-D^0$	26859	1	34228
26861	$e^+e^- \to \pi^-\pi^-\rho^+D^+D^+a_1^-$	26860	1	34229
26862	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}D^{*0}$	26861	1	34230
26863	$e^+e^- \to \pi^0\pi^0\eta K^*K^-D^+D^-D_s^+$	26862	1	34231
26864	$e^+e^- \to \pi^-\bar{K}^0K^{*+}D^-\bar{n}\Xi_c'^+$	26863	1	34232
26865	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^-K^{*+}\bar{D}^0D^{*0}$	26864	1	34233
26866	$e^+e^- \to K^0D_2^{*+}D_s^-D_s^-D_s^{*+}$	26865	1	34234
26867	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+D^-D_1'^+$	26866	1	34235
26868	$e^+e^- \to \pi^0K^{*-}D^-D^{*+}\bar{\Delta}^+\Delta^{++}$	26867	1	34236
26869	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0D^+D^0\bar{D}^{*0}$	26868	1	34237
26870	$e^+e^- \to \rho^0\pi^-\rho^-\eta D^+\Delta^+\bar{\Xi}_c^{*0}$	26869	1	34238
26871	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+D^{*+}D_s^{*-}$	26870	1	34239
26872	$e^+e^- \to \pi^+\rho^+\omega K^{*-}D^-\eta_c$	26871	1	34240
26873	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}a_1^+$	26872	1	34241
26874	$e^+e^- \to K^0K^0\bar{K}^*D_2^{*-}D_s^{*+}$	26873	1	34242
26875	$e^+e^- \to \pi^0\pi^-K^*K^+\chi_{c2}\psi'$	26874	1	34243
26876	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^+K^+K^{*-}D^+\bar{D}^0D_s^{*-}$	26875	1	34244
26877	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^+K^-D^-D^{*+}$	26876	1	34245
26878	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}a_1^+$	2956	1	34246
26879	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\eta\eta\bar{K}^0D^{*+}D^{*0}$	26878	1	34247
26880	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^+K^-D^{*+}\bar{D}^{*-}$	26879	1	34248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26881	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-K^-D^+\bar{D}^0\bar{D}^{*0}$	26880	1	34249
26882	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^-D^{*+}$	2957	1	34250
26883	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^0D_{s0}^{*-}$	26882	1	34251
26884	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\bar{D}^{*-}D_0^{*+}$	26883	1	34252
26885	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{K}^0D^-D^{*+}D^{*0}$	26884	1	34253
26886	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^-\omega D^+\bar{D}^{*0}$	26885	1	34254
26887	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0D^{*+}\bar{D}^{*-}D^0$	2958	1	34255
26888	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-K^0K^-D^+\bar{D}^{*-}$	26887	1	34256
26889	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+D^{*+}D^{*0}$	26888	1	34257
26890	$e^+e^- \to e^+\nu_e\pi^0\eta\omega\bar{D}^{*-}D^{*0}$	26889	1	34258
26891	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+D^-D^{*+}$	26890	1	34259
26892	$e^+e^- \to \mu^+\nu_\mu D^+\Delta^-\bar{\Delta}^0D_1^-$	26891	1	34260
26893	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\eta\omega D^+D^{*+}$	26892	1	34261
26894	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^+D^0D_s^{*-}$	26893	1	34262
26895	$e^+e^- \to e^+\nu_e\pi^-\rho^+\omega K^{*+}D^-\bar{D}^{*-}$	26894	1	34263
26896	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^+D^0\bar{D}^{*0}D_1'^-$	26895	1	34264
26897	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^-\eta D^+$	26896	1	34265
26898	$e^+e^- \to \bar{K}^0K^*\bar{K}^*K^{*+}D^-D^{*+}D_s^{*-}$	26897	1	34266
26899	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\eta D^-D^0$	26898	1	34267
26900	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-\phi D^-\bar{D}^{*-}D_s^{*+}$	26899	1	34268
26901	$e^+e^- \to \pi^+\pi^-\omega K^+D^-D^-\bar{p}\Delta^{++}$	26900	1	34269
26902	$e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}p\bar{p}$	26901	1	34270
26903	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\eta'D^{*+}\bar{D}^{*-}$	26902	1	34271
26904	$e^+e^- \to \pi^-\omega K^+\eta'D^+\bar{D}^{*-}D^{*0}$	26903	1	34272
26905	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}D_0^{*-}$	26904	1	34273
26906	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^-D^-D^{*+}D^{*+}$	26905	1	34274
26907	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta\bar{D}^{*-}D_s^{*+}n\bar{n}$	26906	1	34275
26908	$e^+e^- \to \pi^-\rho^+K^-K^{*+}K^{*-}D^+D_s^{*+}D_1^-$	26907	1	34276
26909	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	26908	1	34277
26910	$e^+e^- \to e^+\nu_e\pi^+\pi^+K^{*-}D^-D^-D^0$	26909	1	34278
26911	$e^+e^- \to e^+\nu_e\omega K^*K^-D^-D^{*+}$	26910	1	34279
26912	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-K^0D^{*+}\bar{D}^{*0}\bar{\Delta}^+\Sigma^0$	26911	1	34280

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26913	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta D^{*+}n\bar{\Lambda}_c^-$	26912	1	34281
26914	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^+D_s^-D_1'^-$	26913	1	34282
26915	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\eta' D^+D_2^{*+}$	26914	1	34283
26916	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega D^-D_2^{*+}$	2959	1	34284
26917	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^{*+}$	26916	1	34285
26918	$e^+e^- \to \pi^0\rho^0K_L\pi^+\pi^-\rho^-D^+\psi'$	26917	1	34286
26919	$e^+e^- \to \pi^+\omega K^0\bar{K}^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	26918	1	34287
26920	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\eta\bar{D}^0D_1'^+$	26919	1	34288
26921	$e^+e^- \to \pi^0\pi^-\rho^+K^*K^-D^+D^-D^{*+}$	26920	1	34289
26922	$e^+e^- \to \pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{n}\Lambda a_1^+$	26921	1	34290
26923	$e^+e^- \to \bar{K}^0K^*K^{*+}K^{*-}D^+D^-$	26922	1	34291
26924	$e^+e^- \to \rho^0\pi^+\bar{K}^0\bar{D}^{*-}\chi_{c1}$	26923	1	34292
26925	$e^+e^- \to \bar{K}^0K^*\bar{K}^*K^+D^{*+}\bar{D}^{*-}D_s^-$	26924	1	34293
26926	$e^+e^- \to \pi^+\eta\omega\bar{D}^{*-}\bar{K}_1^0\psi'$	26925	1	34294
26927	$e^+e^- \to \pi^0K^+D^+\bar{D}^{*-}D^{*0}D_s^{*-}$	26926	1	34295
26928	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^0D^{*0}\bar{D}^{*0}$	26927	1	34296
26929	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}\bar{D}^0$	26928	1	34297
26930	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{K}^*K^+K^{*+}D^-D^-$	26929	1	34298
26931	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\omega\omega K^+K^-D^-D_s^-$	26930	1	34299
26932	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega D^+D^{*+}n\bar{n}$	26931	1	34300
26933	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-D^{*+}\Lambda\bar{\Sigma}^0$	26932	1	34301
26934	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega K^-K^{*+}D^-D^{*+}$	26933	1	34302
26935	$e^+e^- \to \pi^+D^+\bar{D}^{*-}D_s^{*-}$	26934	1	34303
26936	$e^+e^- \to \tau^+\nu_\tau K^{*-}D^+D^-\bar{D}^0$	26935	1	34304
26937	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\rho^-\omega D^{*+}$	26936	1	34305
26938	$e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{K}^0\bar{D}^{*-}\bar{n}\Lambda_c^+$	26937	1	34306
26939	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}$	26938	1	34307
26940	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-}$	26939	1	34308
26941	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\rho^+\eta D^+D^-$	26940	1	34309
26942	$e^+e^- \to e^-\bar{\nu}_e\eta D^+K_1^0\psi'$	26941	1	34310
26943	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-K^-D^-\bar{D}^{*0}$	26942	1	34311
26944	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0D^-D^-D^{*+}$	26943	1	34312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26945	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D^0\bar{n}\Delta^0$	26944	1	34313
26946	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+}$	26945	1	34314
26947	$e^+e^- \to \tau^+\nu_\tau\pi^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0}$	26946	1	34315
26948	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega K^+D^{*+}J/\psi$	26947	1	34316
26949	$e^+e^- \to \eta\bar{K}^0K^{*+}\bar{D}^{*-}D_2^{*+}D_s^-$	26948	1	34317
26950	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^0D^{*+}D_2^{*-}D_s^{*+}$	26949	1	34318
26951	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+D^+D^-D_s^-$	26950	1	34319
26952	$e^+e^- \to \rho^0K^0D^+D_s^-J/\psi$	26951	1	34320
26953	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+\rho^-\eta D^-D^{*+}$	26952	1	34321
26954	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	26953	1	34322
26955	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}\bar{\Delta}^-n$	26954	1	34323
26956	$e^+e^- \to \rho^0\rho^0\rho^0\pi^-\omega\omega D^+D^{*+}n\bar{p}$	26955	1	34324
26957	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0\bar{D}^{*-}\chi_{c0}$	26956	1	34325
26958	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta D^-D^{*+}$	26957	1	34326
26959	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+}$	26958	1	34327
26960	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^+$	26959	1	34328
26961	$e^+e^- \to \pi^0\rho^0K^0\bar{K}^0D^{*0}\bar{D}^{*0}\eta_c$	2960	1	34329
26962	$e^+e^- \to \rho^+\omega\bar{D}^{*-}D_s^+D_1'^-$	26961	1	34330
26963	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^0\Delta^0\bar{\Delta}^0$	26962	1	34331
26964	$e^+e^- \to \pi^+\bar{K}^0K^{*+}K^{*-}D^-D_s^+D_s^-$	26963	1	34332
26965	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	26964	1	34333
26966	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-K^+K^-\phi D^+\bar{D}^{*-}$	26965	1	34334
26967	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	26966	1	34335
26968	$e^+e^- \to \rho^+D^0D_s^+D_s^{*-}D_1^-$	26967	1	34336
26969	$e^+e^- \to \rho^0\pi^-K^+K^+K^-D^-D^{*+}D^0$	26968	1	34337
26970	$e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}D^0D_s^{*-}$	26969	1	34338
26971	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}\gamma$	26970	1	34339
26972	$e^+e^- \to \rho^0\pi^-D^{*+}D^{*+}a_1^-$	26971	1	34340
26973	$e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^{*0}\Delta^+\bar{\Sigma}_c^{*-}$	26972	1	34341
26974	$e^+e^- \to \pi^-\omega K^{*+}D^0\eta_cp\bar{p}$	26973	1	34342
26975	$e^+e^- \to e^+\nu_e\pi^0D_2^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	26974	1	34343
26976	$e^+e^- \to \pi^0\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	26975	1	34344

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
26977	$e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}D^0D_s^-\bar{n}p$	26976	1	34345
26978	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^-\rho^+\rho^-D^{*+}D^{*+}$	26977	1	34346
26979	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta'D^{*+}n\bar{n}D_1'^-$	26978	1	34347
26980	$e^+e^- \to \pi^+\rho^+\eta K^0K^*K^-K^-D^+D^-$	26979	1	34348
26981	$e^+e^- \to \rho^0\bar{K}^0D^+D^-D^-D_{s1}'^+$	26980	1	34349
26982	$e^+e^- \to \pi^-\rho^-\eta\omega K^0D^+D^{*+}$	26981	1	34350
26983	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\pi^-\omega D^+D^+$	26982	1	34351
26984	$e^+e^- \to \pi^0D^+D^{*+}\bar{D}^{*-}D_{s1}'^-$	26983	1	34352
26985	$e^+e^- \to e^+\nu_e\omega K^+D^-\bar{D}^{*-}D^0$	26984	1	34353
26986	$e^+e^- \to \pi^0\pi^+\eta K^-D^-D^{*+}\bar{D}^0$	26985	1	34354
26987	$e^+e^- \to \pi^0\pi^0K_L\rho^+\omega\bar{D}^{*-}\psi'$	26986	1	34355
26988	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\omega D^-D^{*+}n\bar{p}$	26987	1	34356
26989	$e^+e^- \to \rho^-K^+D^{*+}D_s^{*-}\bar{\Sigma}^+\Sigma^-$	26988	1	34357
26990	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^-D^{*+}D_s^{*+}$	26989	1	34358
26991	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^0K^*\bar{D}^{*0}$	26990	1	34359
26992	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta\omega D^+\bar{D}^{*-}$	26991	1	34360
26993	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}\bar{\Delta}^-n$	26992	1	34361
26994	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\omega\omega K^0K^{*-}D^-D^-$	26993	1	34362
26995	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D_2^{*+}\bar{D}^0D^{*0}$	26994	1	34363
26996	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^*D^{*0}\Delta^+\bar{\Sigma}_c^{*-}$	26995	1	34364
26997	$e^+e^- \to e^-\bar{\nu}_eD_2^{*-}D_s^+D_0^{*+}$	26996	1	34365
26998	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	26997	1	34366
26999	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p}$	26998	1	34367
27000	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^0D_1^-$	26999	1	34368
27001	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	27000	1	34369
27002	$e^+e^- \to \rho^0\pi^+\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	27001	1	34370
27003	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^-D_1'^+$	27002	1	34371
27004	$e^+e^- \to \pi^-\rho^+\omega D^+\bar{D}^{*-}$	27003	1	34372
27005	$e^+e^- \to e^-\bar{\nu}_eK^0K^-K^{*+}D^{*+}\bar{D}^{*0}$	27004	1	34373
27006	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega D^-D_1'^-$	27005	1	34374
27007	$e^+e^- \to \pi^0\pi^0\pi^-\rho^-\omega\bar{K}^0D^+D^{*+}\bar{D}^{*0}$	27006	1	34375
27008	$e^+e^- \to \pi^0\pi^+\pi^+K^0K^0\bar{K}^0K^-D^{*+}\bar{D}^{*-}D_s^{*-}$	27007	1	34376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27009	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^*\phi D^+\bar{D}^{*-}$	27008	1	34377
27010	$e^+e^- \to e^-\bar{\nu}_e K^{*-}D^{*+}\bar{D}^{*0}D_0^{*+}$	27009	1	34378
27011	$e^+e^- \to \rho^- K^0 D^{*+}D^0\bar{D}^0\Delta^+\bar{\Delta}^+$	27010	1	34379
27012	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0K^-D^-D^{*+}$	27011	1	34380
27013	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta D^-\bar{D}^{*-}$	27012	1	34381
27014	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-K^-D^+D^-\bar{D}^{*-}$	27013	1	34382
27015	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	27014	1	34383
27016	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-K^{*-}D^{*+}D^{*+}$	27015	1	34384
27017	$e^+e^- \to e^+\nu_e\pi^-\omega K^+D^-\eta_c$	27016	1	34385
27018	$e^+e^- \to K^-D^+D^{*+}\bar{D}^{*0}\Sigma^-\bar{\Sigma}^0$	27017	1	34386
27019	$e^+e^- \to \pi^-\rho^+\eta D^{*+}D_1'^-$	27018	1	34387
27020	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$	27019	1	34388
27021	$e^+e^- \to \pi^+\pi^-\eta K^0K^{*-}D^-D^{*+}\bar{n}\Lambda_c^+$	27020	1	34389
27022	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	27021	1	34390
27023	$e^+e^- \to \bar{K}^0K^*D^+\bar{D}^{*-}\chi_{c0}$	27022	1	34391
27024	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}D_s^{*+}D_s^{*-}$	27023	1	34392
27025	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0D^-D^{*+}\bar{D}^{*0}D_s^+$	27024	1	34393
27026	$e^+e^- \to \tau^+\nu_\tau\pi^-D_2^{*-}\bar{\Delta}^0\Sigma_c^{*+}$	27025	1	34394
27027	$e^+e^- \to \rho^0\rho^+K^0D^-D^{*+}D_s^-$	27026	1	34395
27028	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-K^+D^-D^0D_0^{*+}$	27027	1	34396
27029	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\rho^-\eta D^-D^{*+}$	27028	1	34397
27030	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^0D^{*0}$	27029	1	34398
27031	$e^+e^- \to \bar{D}^{*-}D_2^{*-}D_s^+D_{s1}^+$	27030	1	34399
27032	$e^+e^- \to \rho^-D^+\Delta^-\bar{\Delta}^0p\bar{\Sigma}_c^0$	27031	1	34400
27033	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\bar{K}^0K^{*+}D^-D^{*+}$	27032	1	34401
27034	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\omega D^-D^-$	27033	1	34402
27035	$e^+e^- \to \pi^0\pi^0\rho^-\eta\eta\bar{K}^0K^+K^-K^{*+}D^+D^-$	27034	1	34403
27036	$e^+e^- \to \rho^0\pi^+\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	27035	1	34404
27037	$e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^0$	27036	1	34405
27038	$e^+e^- \to K^-D^{*+}\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Sigma}^-$	27037	1	34406
27039	$e^+e^- \to \pi^0\rho^0\rho^-\eta\omega\omega D^{*+}\bar{D}^{*0}$	164	1	34407
27040	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega D^-D^{*+}D_s^+$	27039	1	34408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27041	$e^+e^- \to \mu^+\nu_\mu X_u^- \pi^0\rho^0\rho^0\pi^+\eta\bar{D}^{*-}$	27040	1	34409
27042	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- K^{*+}D^+\bar{D}^{*-}D^{*0}$	27041	1	34410
27043	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^*D^-\bar{D}^{*-}a_1^+$	27042	1	34411
27044	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}D^{*0}$	27043	1	34412
27045	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\eta\bar{K}^*K^{*+}D^-D_2^{*+}$	27044	1	34413
27046	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D^0$	27045	1	34414
27047	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\omega D_2^{*+}D^{*0}$	27046	1	34415
27048	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^0K^+K^{*-}D^-D^0\bar{D}^{*0}$	27047	1	34416
27049	$e^+e^- \to \rho^0D^{*+}\bar{D}^{*-}D_s^+D_s^{*-}$	27048	1	34417
27050	$e^+e^- \to \pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^{*0}$	27049	1	34418
27051	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}$	27050	1	34419
27052	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D^{*+}D_1'^-$	27051	1	34420
27053	$e^+e^- \to \pi^+\pi^-D^-\bar{p}\Sigma_c^{++}$	27052	1	34421
27054	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-K^*K^-D^+\bar{D}^{*-}$	27053	1	34422
27055	$e^+e^- \to \rho^0\pi^+\pi^+\eta D^-D^{*0}D_s^{*-}$	27054	1	34423
27056	$e^+e^- \to \pi^0\eta K^*K^{*-}D^{*+}\bar{D}^0$	27055	1	34424
27057	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^0K^*\bar{K}^*K^-D^{*+}\bar{D}^{*-}$	27056	1	34425
27058	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	27057	1	34426
27059	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^-\bar{D}^{*-}$	27058	1	34427
27060	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^-D^{*+}$	27059	1	34428
27061	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-D^{*+}$	27060	1	34429
27062	$e^+e^- \to \rho^0\rho^+K^0K^-D^{*+}\bar{D}^0D_s^{*-}$	27061	1	34430
27063	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\eta'D^-D^{*+}$	27062	1	34431
27064	$e^+e^- \to \pi^-\pi^-\rho^+\eta K^+D^{*+}\bar{D}^{*-}D^{*0}$	27063	1	34432
27065	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^+\eta_c$	27064	1	34433
27066	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^{*+}D_0^{*+}\gamma$	27065	1	34434
27067	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-K^*K^+K^-D_2^{*+}\bar{D}^{*0}$	27066	1	34435
27068	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*0}$	27067	1	34436
27069	$e^+e^- \to \pi^0\eta K^0K^-D^+p\bar{\Sigma}_c^-$	27068	1	34437
27070	$e^+e^- \to \pi^-K^0D^+\bar{D}^{*-}\bar{p}\Sigma^+a_1^+\gamma$	27069	1	34438
27071	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*\bar{K}^*K^{*+}D^{*+}$	27070	1	34439
27072	$e^+e^- \to \pi^0\pi^-\eta\omega\omega D^{*+}D^0\bar{D}^{*0}$	27071	1	34440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27073	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-K^0\bar{K}^0K^+K^-D^-D^{*+}$	27072	1	34441
27074	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-D^-D^{*+}D_{s1}^-$	27073	1	34442
27075	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+\rho^-D^+\bar{D}^{*-}$	27074	1	34443
27076	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta K^-D^+D^{*+}\bar{D}^{*-}$	27075	1	34444
27077	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*0}$	27076	1	34445
27078	$e^+e^- \to \pi^0\rho^0\pi^-K^*\eta'D^+D^{*+}\bar{D}^{*-}$	27077	1	34446
27079	$e^+e^- \to \rho^+\rho^-\rho^-D^-D^{*+}\bar{\Delta}^-\Delta^0$	27078	1	34447
27080	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta\eta'D^+D^-$	27079	1	34448
27081	$e^+e^- \to \bar{K}^*D^-J/\psi a_1^+$	27080	1	34449
27082	$e^+e^- \to \pi^+\rho^+\eta\bar{D}^{*-}D^0D_s^-$	27081	1	34450
27083	$e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^*D^-\gamma$	27082	1	34451
27084	$e^+e^- \to \mu^+\nu_\mu\pi^-K^-K^{*+}D^-D^{*+}$	27083	1	34452
27085	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0D_s^{*+}D_s^{*-}$	27084	1	34453
27086	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+D^{*+}\bar{D}^{*-}a_1^-$	27085	1	34454
27087	$e^+e^- \to \rho^-K^+K^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	27086	1	34455
27088	$e^+e^- \to \rho^0\pi^+\rho^+\rho^+\rho^-D^-\bar{D}^{*-}p\bar{p}$	27087	1	34456
27089	$e^+e^- \to \rho^-K^+D_2^{*+}D_s^-n\bar{n}$	27088	1	34457
27090	$e^+e^- \to \mu^+\nu_\mu\rho^+\eta D^-D_2^{*-}$	27089	1	34458
27091	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\bar{K}^*K^+K^+K^-\bar{D}^{*-}D^{*0}$	27090	1	34459
27092	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^*K^-K^{*+}D^-\bar{D}^{*0}$	27091	1	34460
27093	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}J/\psi$	27092	1	34461
27094	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^-D_{s1}'^+\gamma$	27093	1	34462
27095	$e^+e^- \to \mu^+\nu_\mu\pi^+D^0D_s^{*-}D_1^-$	27094	1	34463
27096	$e^+e^- \to \rho^+D^{*+}\bar{D}^{*-}D_s^-$	27095	1	34464
27097	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta K^0K^-D^+D^-$	27096	1	34465
27098	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^0$	27097	1	34466
27099	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+D^+\bar{D}^{*-}\bar{p}\Delta^+$	27098	1	34467
27100	$e^+e^- \to \pi^0\pi^-\rho^+\phi D^-D_s^+$	27099	1	34468
27101	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-\eta D^{*0}$	27100	1	34469
27102	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^+K^{*-}D^{*+}\bar{D}^{*-}$	27101	1	34470
27103	$e^+e^- \to \pi^0\rho^+\omega\omega\bar{K}^0D^+D^-D^-$	27102	1	34471
27104	$e^+e^- \to e^-\bar{\nu}_eK_SD^+\psi'$	27103	1	34472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27105	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-\bar{D}^{*-}\bar{D}^0D^{*0}$	27104	1	34473
27106	$e^+e^- \to \pi^0\pi^+\eta\omega D^+D^-D_s^{*-}$	27105	1	34474
27107	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega K^0\bar{K}^0D^+D^-$	27106	1	34475
27108	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\omega\bar{p}\Lambda_c^+D_1^-$	27107	1	34476
27109	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D_s^{*-}D_1^+$	27108	1	34477
27110	$e^+e^- \to \bar{K}^*K^-D^+D^-\bar{\Delta}^-\Delta^0$	27109	1	34478
27111	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	27110	1	34479
27112	$e^+e^- \to \rho^+\rho^-\bar{K}^0\bar{K}^0K^+D^+D^-D^-$	27111	1	34480
27113	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^-\bar{p}\Lambda_c^+$	27112	1	34481
27114	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	27113	1	34482
27115	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+\pi^+\pi^-\rho^-D^-$	27114	1	34483
27116	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0K^+\eta'D^+D^-$	27115	1	34484
27117	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0D^-D^{*+}\bar{\Delta}^-n$	27116	1	34485
27118	$e^+e^- \to \pi^-\pi^-\rho^+\omega D^-D^{*+}\bar{\Delta}^0\Delta^+$	27117	1	34486
27119	$e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-}\eta_c$	27118	1	34487
27120	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta D^+\bar{D}^{*-}$	27119	1	34488
27121	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D^{*0}$	27120	1	34489
27122	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^+\bar{D}^{*-}$	27121	1	34490
27123	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega D^-D^{*+}\bar{n}p$	27122	1	34491
27124	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\pi^-\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	27123	1	34492
27125	$e^+e^- \to \rho^-\rho^-\omega D^+D^{*+}$	27124	1	34493
27126	$e^+e^- \to \pi^+K^*\bar{D}^{*-}\bar{\Delta}^-\Delta^-\bar{\Delta}^0\Xi_c^0$	27125	1	34494
27127	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^0D^{*+}\bar{D}^0$	27126	1	34495
27128	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}$	27127	1	34496
27129	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\omega K^+D^{*+}\bar{D}^{*-}D^{*0}$	27128	1	34497
27130	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^{*-}D^{*+}D^{*+}\bar{D}^0$	27129	1	34498
27131	$e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^*\bar{K}^*D^+D^0\bar{D}^{*0}$	27130	1	34499
27132	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^*\bar{D}^{*-}J/\psi$	27131	1	34500
27133	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	27132	1	34501
27134	$e^+e^- \to e^+\nu_e\eta\omega\bar{K}^0D^-D^{*0}$	27133	1	34502
27135	$e^+e^- \to \pi^0\rho^+\rho^-\eta\omega D^+\bar{D}^0D_{s0}^{*-}$	27134	1	34503
27136	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+K^0D^+D^{*+}\bar{D}^{*-}$	27135	1	34504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27137	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^+D^-D^{*+}$	27136	1	34505
27138	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	27137	1	34506
27139	$e^+e^- \to \pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+}p\bar{p}$	27138	1	34507
27140	$e^+e^- \to K^0K^-D^+D^-D^{*+}\bar{D}^{*0}$	27139	1	34508
27141	$e^+e^- \to \pi^+\eta\bar{K}^0D^-\bar{\Sigma}^{*0}\Sigma_c^{*0}$	27140	1	34509
27142	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+K^{*-}D^{*+}\bar{D}^{*-}$	27141	1	34510
27143	$e^+e^- \to \pi^0\pi^+\pi^-K^0\bar{K}^0K^{*+}K^{*-}D^+\bar{D}^{*-}$	27142	1	34511
27144	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\eta\bar{K}^0D^-D_s^{*+}$	27143	1	34512
27145	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-K^{*-}D^+D^-D^-$	27144	1	34513
27146	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^0D_s^{*+}$	27145	1	34514
27147	$e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^*K^{*+}D^{*0}\bar{D}^{*0}D_s^-$	27146	1	34515
27148	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0$	27147	1	34516
27149	$e^+e^- \to e^+\nu_e\rho^0\eta K^0K^-D^{*+}\bar{D}^{*-}$	27148	1	34517
27150	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-D^0$	27149	1	34518
27151	$e^+e^- \to \pi^0K^0K^-D^+D_s^{*-}K_0^{*+}$	27150	1	34519
27152	$e^+e^- \to e^+\nu_e\rho^-D^+D_1^-$	27151	1	34520
27153	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta D^{*+}D^{*+}$	27152	1	34521
27154	$e^+e^- \to \pi^+\pi^-\rho^+K^0\bar{K}^*J/\psi n\bar{p}$	27153	1	34522
27155	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\omega\bar{K}^0K^+D^-D^{*+}$	27154	1	34523
27156	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\eta K^0\bar{K}^0D^+\bar{D}^{*-}$	27155	1	34524
27157	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^+D^-D_s^-$	27156	1	34525
27158	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta D^0\Sigma^+\bar{\Xi}_c^-$	27157	1	34526
27159	$e^+e^- \to \mu^+\nu_\mu\omega\bar{K}^*K^+\bar{D}^{*-}D_0^{*-}$	27158	1	34527
27160	$e^+e^- \to e^+\nu_e\rho^0\rho^0\bar{D}^{*-}D^{*0}$	27159	1	34528
27161	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\rho^-K^0K^-D^+\bar{D}^{*-}$	27160	1	34529
27162	$e^+e^- \to \rho^0\rho^+\bar{K}^0D^-D^-D^{*+}$	27161	1	34530
27163	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*-}$	2962	1	34531
27164	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-K^0D^{*+}J/\psi$	27163	1	34532
27165	$e^+e^- \to \rho^0D^0p\Delta^+\bar{\Delta}^+\bar{\Lambda}_c^-$	27164	1	34533
27166	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^*K^-K^{*+}\eta'D^+\bar{D}^{*-}$	27165	1	34534
27167	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega\bar{K}^0K^*D^+\bar{D}^{*0}$	27166	1	34535
27168	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}D_s^+$	27167	1	34536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27169	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0K^0K^{*-}D^{*+}\bar{D}^{*-}$	27168	1	34537
27170	$e^+e^- \to D^-\bar{D}^{*-}\bar{n}pa_1^+$	27169	1	34538
27171	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	658	1	34539
27172	$e^+e^- \to \pi^-\rho^-\eta D^+\bar{D}^{*0}D_s^{*+}p\bar{p}$	27171	1	34540
27173	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\eta D^+\bar{D}^{*-}$	27172	1	34541
27174	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta K^*\bar{K}^*D^+D^{*+}$	27173	1	34542
27175	$e^+e^- \to \pi^0\pi^+\rho^-\eta\omega K^0\phi D^+D_s^-$	27174	1	34543
27176	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*D^+D^0\bar{D}^0$	27175	1	34544
27177	$e^+e^- \to \pi^+K^+D^-D_s^-\bar{p}\Lambda D_1^+$	27176	1	34545
27178	$e^+e^- \to \pi^0\pi^+\pi^+\eta\eta K^-D^-D^0\bar{D}^0$	27177	1	34546
27179	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^*D^+D^-D_s^-D_s^{*+}$	27178	1	34547
27180	$e^+e^- \to \rho^+D^{*0}\Delta^0\bar{p}\Delta^+\bar{\Sigma}_c^-$	27179	1	34548
27181	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0K^*\bar{K}^*D^-D^{*+}$	27180	1	34549
27182	$e^+e^- \to \pi^-K^+K^-D^-D^{*+}\bar{\Delta}^-n$	27181	1	34550
27183	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*+}$	27182	1	34551
27184	$e^+e^- \to \pi^0\pi^0\pi^+\bar{D}^{*-}D^0$	27183	1	34552
27185	$e^+e^- \to \pi^0\eta K^+D^-\bar{D}^{*-}D^0\bar{n}p$	27184	1	34553
27186	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^*\bar{D}^{*-}\bar{\Delta}^0\Omega_c^{*0}$	27185	1	34554
27187	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\omega D^-D^{*+}$	27186	1	34555
27188	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-\eta\omega\omega\bar{D}^{*-}\gamma$	27187	1	34556
27189	$e^+e^- \to \rho^0\rho^+\rho^-\eta D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	27188	1	34557
27190	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}\gamma$	27189	1	34558
27191	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}$	27190	1	34559
27192	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^+\bar{D}^{*-}D_s^-n\bar{n}$	27191	1	34560
27193	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-D^+D^+\Sigma^0\bar{\Xi}^0$	27192	1	34561
27194	$e^+e^- \to \rho^0\rho^+K^0K^0K^-D^-D^{*+}D^{*0}$	2964	1	34562
27195	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-\eta D^+D^-$	27194	1	34563
27196	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega K^0D^-D^{*+}$	27195	1	34564
27197	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^0\bar{D}^{*0}$	27196	1	34565
27198	$e^+e^- \to \pi^+K^+K^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	27197	1	34566
27199	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{\Delta}^0\Sigma_c^{*+}$	27198	1	34567
27200	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta\bar{K}^0D^-D^{*+}D_1^+$	27199	1	34568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27201	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^+\rho^-\bar{D}^0D_1'^-$	27200	1	34569
27202	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-D^-D^0$	27201	1	34570
27203	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega\omega\omega\omega D^+D^-$	27202	1	34571
27204	$e^+e^- \to \pi^-K^*\eta'D^+D^{*+}\bar{D}^{*-}$	27203	1	34572
27205	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^{*0}\chi_{c1}$	27204	1	34573
27206	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D_2^{*+}\bar{D}^0$	27205	1	34574
27207	$e^+e^- \to \pi^+\pi^-\pi^-K^*\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	27206	1	34575
27208	$e^+e^- \to \pi^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{++}D_{s1}'^+$	27207	1	34576
27209	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}\gamma$	27208	1	34577
27210	$e^+e^- \to \rho^0\rho^0\pi^-D^-D^{*+}a_1^+$	27209	1	34578
27211	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta D^-D^{*+}$	27210	1	34579
27212	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^{*-}D^+\bar{D}^0\bar{D}^{*0}n\bar{p}$	27211	1	34580
27213	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	27212	1	34581
27214	$e^+e^- \to \rho^0\eta\bar{K}^0K^{*+}D^-D^{*0}$	27213	1	34582
27215	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^*K^-D^{*+}D^{*+}$	27214	1	34583
27216	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^+D^-\bar{D}^{*-}a_1^+\gamma$	27215	1	34584
27217	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^-K^{*+}\eta'D^-D^{*+}$	27216	1	34585
27218	$e^+e^- \to \pi^0\pi^-K^{*+}K^{*-}D^{*+}\bar{D}^0\bar{D}^0D^{*0}$	27217	1	34586
27219	$e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}\bar{p}\Omega_c^0$	27218	1	34587
27220	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\eta'D^+\bar{D}^{*0}$	27219	1	34588
27221	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^{*+}D^{*+}\bar{D}^{*-}D^0$	27220	1	34589
27222	$e^+e^- \to e^+\nu_e\eta K^*\phi\bar{D}^{*-}J/\psi$	27221	1	34590
27223	$e^+e^- \to \rho^-\bar{K}^0D_s^+D_s^{*-}D_1'^+$	27222	1	34591
27224	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-K^{*+}K^{*-}D^{*+}\bar{D}^{*0}$	27223	1	34592
27225	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D_2^{*+}\bar{n}p$	27224	1	34593
27226	$e^+e^- \to \pi^+\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}$	27225	1	34594
27227	$e^+e^- \to \pi^0\pi^0\pi^-\eta'D^{*+}D_s^{*+}D_1'^-$	27226	1	34595
27228	$e^+e^- \to K^0K^-\phi D^+\bar{D}^{*-}D_{s1}'^+$	27227	1	34596
27229	$e^+e^- \to \pi^+\pi^+\rho^-D^+D^-D_{s0}^{*-}$	27228	1	34597
27230	$e^+e^- \to \pi^0\pi^+\rho^-\bar{D}^{*-}D^0D_{s1}'^+$	27229	1	34598
27231	$e^+e^- \to e^+\nu_eX_u^-K^*K^+K^-$	27230	1	34599
27232	$e^+e^- \to \pi^-\eta K^+K^-D^{*+}D_s^{*+}D_1'^-$	27231	1	34600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27233	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta K^*D^{*+}\bar{D}^{*-}$	27232	1	34601
27234	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega\bar{D}^{*-}D^{*0}$	27233	1	34602
27235	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+K^*D^{*+}D^0$	27234	1	34603
27236	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-K^0D^+\bar{D}^{*0}$	27235	1	34604
27237	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-D^{*+}D^{*+}$	2965	1	34605
27238	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\omega\omega\bar{D}^{*-}$	27237	1	34606
27239	$e^+e^- \to e^+\nu_e\eta\eta\bar{K}^0D^+D^-D^-$	27238	1	34607
27240	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\eta K^-\bar{D}^{*-}D^0\bar{D}^0$	27239	1	34608
27241	$e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}p\bar{p}a_1^-$	27240	1	34609
27242	$e^+e^- \to \rho^+\phi D^+D^-D_s^{*-}$	27241	1	34610
27243	$e^+e^- \to \pi^0\pi^+\rho^+\omega K^{*-}D^-\bar{D}^0$	27242	1	34611
27244	$e^+e^- \to \pi^0\rho^0\pi^+K^{*+}D^-\bar{D}^{*-}D^0$	27243	1	34612
27245	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-K^+D^+D^-D^{*+}$	27244	1	34613
27246	$e^+e^- \to \pi^-D^{*+}D_2^{*-}D_s^{*+}$	27245	1	34614
27247	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{K}^0D^{*+}\chi_{c1}$	27246	1	34615
27248	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^-\eta\eta'D^{*+}D_2^{*+}$	27247	1	34616
27249	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^0K^-D^+D^-$	27248	1	34617
27250	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0K^0D^{*+}D^{*0}\bar{D}^{*0}$	27249	1	34618
27251	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	27250	1	34619
27252	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega D^+D^-D_{s1}'^-$	27251	1	34620
27253	$e^+e^- \to D^-D_s^-D_s^{*+}D_1^+$	27252	1	34621
27254	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*-}$	27253	1	34622
27255	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^+\bar{D}^{*-}D^0D^{*0}$	27254	1	34623
27256	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0\bar{K}^*K^+K^-D^-D^{*+}$	27255	1	34624
27257	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}a_1^+$	27256	1	34625
27258	$e^+e^- \to \pi^0\rho^+\rho^+K^*K^-D^-J/\psi$	27257	1	34626
27259	$e^+e^- \to e^+\nu_e\pi^-\rho^+K^0\bar{K}^*D^{*0}D_0^{*-}$	27258	1	34627
27260	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	27259	1	34628
27261	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}a_1^+$	27260	1	34629
27262	$e^+e^- \to \pi^-\eta K^0D^+D_2^{*+}\bar{D}^0D_s^{*-}$	27261	1	34630
27263	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^0\pi^-D^+\bar{D}^{*0}$	27262	1	34631
27264	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^-D^{*+}D_1'^+$	27263	1	34632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27265	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+D^+D^-$	27264	1	34633
27266	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-D^+D^-a_1^+$	27265	1	34634
27267	$e^+e^- \to \rho^0\pi^-\rho^-D^{*+}D^{*+}$	27266	1	34635
27268	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-\bar{D}^{*-}D_s^+$	27267	1	34636
27269	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\eta K^+K^-K^-D^-D^{*+}\bar{D}^0$	27268	1	34637
27270	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	27269	1	34638
27271	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	27270	1	34639
27272	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	27271	1	34640
27273	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}a_1^+$	27272	1	34641
27274	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-K^-K^{*+}D^{*+}D^{*+}$	27273	1	34642
27275	$e^+e^- \to \eta\bar{D}^{*-}D_s^{*+}\bar{n}\Sigma_c^0$	27274	1	34643
27276	$e^+e^- \to e^+\nu_e\pi^0\pi^-K^*\bar{K}^*D^+D^-$	27275	1	34644
27277	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D^{*0}$	27276	1	34645
27278	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+D_s^-\gamma$	27277	1	34646
27279	$e^+e^- \to \rho^0\rho^+\rho^-D^-D^{*+}$	27278	1	34647
27280	$e^+e^- \to \tau^+\nu_\tau D^+D_2^{*-}D_s^{*-}$	27279	1	34648
27281	$e^+e^- \to e^-\bar{\nu}_e\eta D^-D_2^{*+}D_s^+$	27280	1	34649
27282	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\eta'D^-D^{*+}$	27281	1	34650
27283	$e^+e^- \to \rho^-K^+K^{*-}\eta'D^-D^{*+}D_{s1}'^+$	27282	1	34651
27284	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+K^-D^0D^0$	27283	1	34652
27285	$e^+e^- \to \pi^0\pi^+\rho^-\eta\bar{D}^{*-}D^{*0}D_{s1}^+$	27284	1	34653
27286	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^+$	27285	1	34654
27287	$e^+e^- \to \pi^0K^0K^{*-}D^{*+}\bar{D}^0\bar{n}\Delta^0$	27286	1	34655
27288	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\bar{p}\Delta^{++}$	27287	1	34656
27289	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0D^+D_s^{*+}n\bar{n}$	27288	1	34657
27290	$e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^{*0}D_s^{*+}$	27289	1	34658
27291	$e^+e^- \to \omega\bar{K}^*K^{*+}D^-D_2^{*+}D_s^{*-}$	27290	1	34659
27292	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^+K^*K^-D^-\bar{D}^{*-}$	27291	1	34660
27293	$e^+e^- \to \rho^0K^*K^*\bar{K}^*D^-D_{s0}^{*+}$	27292	1	34661
27294	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^0nn\bar{n}\bar{p}$	27293	1	34662
27295	$e^+e^- \to \pi^0\pi^+\omega D^{*+}\bar{D}^{*-}a_1^-$	27294	1	34663
27296	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	27295	1	34664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27297	$e^+e^- \to \pi^0\pi^+K^0\bar{K}^0K^+\bar{D}^{*-}\bar{p}\Omega_c^0$	27296	1	34665
27298	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{D}^0D_s^{*+}\bar{K}_0^{*0}$	27297	1	34666
27299	$e^+e^- \to \pi^-\rho^+\rho^-\omega D^+\bar{\Delta}^0\Sigma_c^{*0}$	27298	1	34667
27300	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+K^{*+}D^-D^{*+}\bar{p}\Lambda$	27299	1	34668
27301	$e^+e^- \to \rho^-D^+D^{*+}\Delta^-\bar{\Delta}^0$	27300	1	34669
27302	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^0D^{*+}D^{*0}\bar{D}^{*0}$	27301	1	34670
27303	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\omega D^+\bar{D}^0$	27302	1	34671
27304	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}D_s^{*+}D_s^{*-}$	27303	1	34672
27305	$e^+e^- \to e^-\bar{\nu}_e\rho^-\rho^-\omega K^+D^{*+}D^{*+}$	27304	1	34673
27306	$e^+e^- \to \rho^0\pi^+\rho^+\omega\bar{K}^0D^-\bar{D}^{*-}$	27305	1	34674
27307	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-\omega\bar{K}^0D^+D_1^-$	27306	1	34675
27308	$e^+e^- \to \pi^+\pi^+\rho^-D^+\bar{D}^{*-}n\bar{p}$	27307	1	34676
27309	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^0D^{*+}\bar{D}^{*-}D^0$	27308	1	34677
27310	$e^+e^- \to \pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}\chi_{c1}$	27309	1	34678
27311	$e^+e^- \to \rho^0\rho^0\pi^-\omega K^+D^+\bar{D}^{*-}D^{*0}$	27310	1	34679
27312	$e^+e^- \to \pi^-\bar{K}^0K^+K^-K^{*+}D^+\bar{D}^{*-}$	27311	1	34680
27313	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+K^0K^-D^+\bar{D}^{*-}$	27312	1	34681
27314	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta\eta\eta'\bar{D}^{*-}D_1^+$	27313	1	34682
27315	$e^+e^- \to \rho^0\pi^-K^0\eta'D^+D^{*+}\bar{D}^{*-}$	27314	1	34683
27316	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu X_u^-\pi^0\pi^0D^{*+}$	27315	1	34684
27317	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^+\phi D^+D^-D_s^{*-}$	27316	1	34685
27318	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\rho^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	27317	1	34686
27319	$e^+e^- \to \pi^0\bar{K}^0D^+\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^{*0}$	27318	1	34687
27320	$e^+e^- \to e^-\bar{\nu}_e\pi^0\bar{K}^0K^*D^+$	27319	1	34688
27321	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	27320	1	34689
27322	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^{*-}D^+D^+D^-$	27321	1	34690
27323	$e^+e^- \to \omega D^-D_2^{*+}D_s^{*-}\bar{n}p$	27322	1	34691
27324	$e^+e^- \to \pi^0\rho^0\pi^-K^+K^-\eta'D^+\Delta^0\bar{\Sigma}_c^0$	27323	1	34692
27325	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D_2^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	27324	1	34693
27326	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+D^+D_2^{*-}$	27325	1	34694
27327	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\bar{D}^{*-}D_0^{*+}$	27326	1	34695
27328	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega K^+K^-\bar{D}^{*-}D^{*0}$	27327	1	34696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27329	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^*K^+K^{*-}D^+D^-$	27328	1	34697
27330	$e^+e^- \to \mu^+\nu_\mu K^-D^+\bar{D}^{*0}D_1^-$	27329	1	34698
27331	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0K^*K^{*-}D^{*+}\bar{D}^{*0}\bar{n}\Lambda\gamma$	27330	1	34699
27332	$e^+e^- \to e^+\nu_e\rho^0\pi^+\eta\eta K^0K^{*-}\bar{D}^{*-}D^0$	27331	1	34700
27333	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^-\eta'D^+D^-$	27332	1	34701
27334	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	27333	1	34702
27335	$e^+e^- \to \pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*0}J/\psi$	27334	1	34703
27336	$e^+e^- \to \pi^0\rho^+\omega\omega K^0D^+D^-\bar{D}^{*-}$	27335	1	34704
27337	$e^+e^- \to \rho^0\rho^0\pi^+D^{*+}\bar{D}^{*-}D_s^-$	27336	1	34705
27338	$e^+e^- \to \pi^0\rho^0\eta\bar{K}^0D^{*+}\bar{D}^{*-}p\bar{p}$	27337	1	34706
27339	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^{*+}$	27338	1	34707
27340	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta D^{*+}\Delta^0\bar{\Lambda}_c^-$	27339	1	34708
27341	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-D^+\bar{D}^{*-}\gamma\gamma$	27340	1	34709
27342	$e^+e^- \to \eta\bar{K}^0D^-D^{*+}n\bar{\Sigma}_c^0$	27341	1	34710
27343	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	27342	1	34711
27344	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^+D_s^{*+}D_s^{*-}$	27343	1	34712
27345	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^-D^{*+}$	27344	1	34713
27346	$e^+e^- \to \pi^0\pi^+\eta K^{*-}D^{*+}\bar{D}^{*-}n\bar{\Lambda}$	27345	1	34714
27347	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+D^+D^-\Delta^-\bar{n}$	27346	1	34715
27348	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+$	27347	1	34716
27349	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*0}\Delta^+\bar{\Sigma}^{*-}$	27348	1	34717
27350	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-}D_s^{*+}$	27349	1	34718
27351	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	27350	1	34719
27352	$e^+e^- \to \pi^-K^0D^+D^+\bar{D}^0\Delta^-\bar{\Delta}^0$	27351	1	34720
27353	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^-D^{*+}$	27352	1	34721
27354	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\rho^+\rho^-D^-\gamma$	27353	1	34722
27355	$e^+e^- \to e^+\nu_e\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	27354	1	34723
27356	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^*D^+$	27355	1	34724
27357	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-D^{*+}D^{*0}n\bar{p}$	2966	1	34725
27358	$e^+e^- \to \mu^-\bar{\nu}_\mu K_L J/\psi D_0^{*+}$	27357	1	34726
27359	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^+\eta K^0K^-\bar{D}^{*-}\bar{D}^{*-}$	27358	1	34727
27360	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	27359	1	34728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27361	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^-K^*K^{*-}D^{*0}J/\psi$	27360	1	34729
27362	$e^+e^- \to \rho^0\pi^+\eta\bar{D}^{*-}a_1^0a_1^0$	27361	1	34730
27363	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{D}^{*-}\bar{D}^0D^{*0}$	27362	1	34731
27364	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta D^-D^-$	27363	1	34732
27365	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^0D^+\bar{D}^{*0}$	27364	1	34733
27366	$e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}D_2^{*+}D_s^-$	27365	1	34734
27367	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0K^0\bar{K}^0\bar{K}^*D^+D_0^{*-}$	27366	1	34735
27368	$e^+e^- \to \pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}a_1^+$	27367	1	34736
27369	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^-K^{*+}D^-D^{*0}D_s^+$	27368	1	34737
27370	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0K^+\bar{D}^{*-}D_0^{*+}$	27369	1	34738
27371	$e^+e^- \to \pi^+\pi^-\rho^-\eta\eta K^+D^+\bar{D}^{*-}D^{*0}$	27370	1	34739
27372	$e^+e^- \to \pi^0\pi^-K^+D^+D^-D^{*+}n\bar{p}$	27371	1	34740
27373	$e^+e^- \to \pi^0\pi^-\eta\omega\omega D^+\bar{D}^{*-}D_s^+$	27372	1	34741
27374	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta D^0\bar{D}^0$	27373	1	34742
27375	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^-D^+D^{*+}$	27374	1	34743
27376	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	2967	1	34744
27377	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*0}$	27376	1	34745
27378	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^*\bar{D}^{*-}\bar{n}\Lambda_c^+$	27377	1	34746
27379	$e^+e^- \to \pi^+\pi^-K^0K^+K^{*-}D^+D^-D^0$	2968	1	34747
27380	$e^+e^- \to \rho^+\omega\bar{K}^0\bar{D}^{*-}D^0$	27379	1	34748
27381	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^0$	27380	1	34749
27382	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\eta' D^-D_2^{*+}$	27381	1	34750
27383	$e^+e^- \to \pi^-\rho^+\rho^-D^{*+}D_2^{*-}D_s^+$	27382	1	34751
27384	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*0}$	27383	1	34752
27385	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\eta_c$	27384	1	34753
27386	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0K^-D^+\bar{D}^{*-}$	27385	1	34754
27387	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}\bar{D}^{*0}$	27386	1	34755
27388	$e^+e^- \to \pi^-\eta K^+K^+D^-D^{*+}\bar{D}^{*-}D^{*0}$	27387	1	34756
27389	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*-}$	2969	1	34757
27390	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K_SD^-\eta_c$	27389	1	34758
27391	$e^+e^- \to \pi^+\omega\omega D^-\bar{D}^{*-}\bar{p}\Delta^{++}$	27390	1	34759
27392	$e^+e^- \to \eta D^{*+}\Delta^0\bar{\Sigma}_c^0a_1^-$	27391	1	34760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27393	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	27392	1	34761
27394	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}a_1^+$	27393	1	34762
27395	$e^+e^- \to \pi^0\omega\bar{K}^0\bar{K}^*D^+D^-D^0\bar{D}^0$	27394	1	34763
27396	$e^+e^- \to \pi^0\pi^0\pi^0\omega\bar{K}^0D^+D_s^-n\bar{n}\gamma$	27395	1	34764
27397	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^0D^{*0}\bar{p}\Delta^+$	27396	1	34765
27398	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0K^*D^{*+}D^0\bar{D}^0$	27397	1	34766
27399	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}$	27398	1	34767
27400	$e^+e^- \to K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}\Lambda$	27399	1	34768
27401	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega\omega K^-K^-D^+D^-D^0$	27400	1	34769
27402	$e^+e^- \to \pi^+\eta K^0K^{*+}D^-D^-D^{*0}D^{*0}$	27401	1	34770
27403	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+K^0K^0\bar{K}^*D^-D^{*+}$	27402	1	34771
27404	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}$	27403	1	34772
27405	$e^+e^- \to \pi^0\pi^+\omega K^-\eta'D^+D^-\bar{D}^0$	27404	1	34773
27406	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^0K^-D^+D^{*0}$	27405	1	34774
27407	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^0\pi^-\pi^-\rho^+K^+$	27406	1	34775
27408	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^0$	27407	1	34776
27409	$e^+e^- \to \pi^+\pi^-K^{*+}\bar{D}^{*-}D^{*0}\bar{p}\Lambda_c^+$	27408	1	34777
27410	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*K^+D^0$	27409	1	34778
27411	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+D_2^{*-}$	27410	1	34779
27412	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\omega K^-D^{*+}\psi'$	27411	1	34780
27413	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	27412	1	34781
27414	$e^+e^- \to \pi^0\rho^+K^0\bar{K}^0K^*\bar{D}^{*-}\bar{n}\Xi_c'^0$	27413	1	34782
27415	$e^+e^- \to \bar{K}^*D_s^{*-}\bar{\Delta}^+\Sigma^{*0}\bar{\Xi}^+\Lambda_c^+$	27414	1	34783
27416	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\omega\bar{K}^0\bar{K}^0K^+D^-D^{*+}$	27415	1	34784
27417	$e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}\Delta^-\bar{n}$	27416	1	34785
27418	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\rho^+\rho^-D^+D_1^-$	27417	1	34786
27419	$e^+e^- \to \pi^0\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}n\bar{n}$	27418	1	34787
27420	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\omega D^{*+}D^{*+}$	27419	1	34788
27421	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+D^+D^-$	27420	1	34789
27422	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\eta\omega D^+D^{*+}$	27421	1	34790
27423	$e^+e^- \to \pi^0K^+\Delta^0\bar{p}\Xi_c'^0\bar{\Xi}_c'^0$	27422	1	34791
27424	$e^+e^- \to \pi^0\pi^+\pi^-K^*K^-D^{*+}D^0\bar{D}^0\bar{D}^0$	27423	1	34792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27425	$e^+e^- \to \pi^- K^0 D^+ D^{*+} a_1^-$	27424	1	34793
27426	$e^+e^- \to e^- \bar{\nu}_e D^+ D^- n \bar{\Sigma}^+$	27425	1	34794
27427	$e^+e^- \to \pi^+\pi^+\pi^-\rho^- K^+ K^{*-} D^+ \bar{D}^0 D_s^-$	27426	1	34795
27428	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\eta K^+ K^{*-} D^{*+} D^{*+}$	27427	1	34796
27429	$e^+e^- \to \mu^- \bar{\nu}_\mu \omega D^- D^{*+} \bar{\Delta}^0 \Delta^+$	27428	1	34797
27430	$e^+e^- \to \rho^+ K^* D^- \bar{\Sigma}^{*0} \Omega_c^0$	27429	1	34798
27431	$e^+e^- \to \eta K^{*+} K^{*-} \bar{D}^{*0}$	27430	1	34799
27432	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+} \bar{D}^{*0}$	27431	1	34800
27433	$e^+e^- \to \rho^- D^+ \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	165	1	34801
27434	$e^+e^- \to \mu^+\nu_\mu\pi^+ K^+ K^- \bar{D}^{*-} D^0 D_s^{*-}$	27433	1	34802
27435	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^{*0}$	27434	1	34803
27436	$e^+e^- \to K^- D^{*+} \bar{D}^{*-} \bar{D}^0 a_1^+$	27435	1	34804
27437	$e^+e^- \to \rho^+\eta K^+ \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	27436	1	34805
27438	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^- D^+ D^{*+}$	27437	1	34806
27439	$e^+e^- \to \mu^- \bar{\nu}_\mu D^{*+} D^{*+} a_1^-$	27438	1	34807
27440	$e^+e^- \to \omega \bar{K}^0 D^+ D^- \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	27439	1	34808
27441	$e^+e^- \to e^+\nu_e \bar{K}^0 K^+ D^{*0} D_s^- D_1'^-$	27440	1	34809
27442	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^- D^{*0} D_s^+ \bar{n}\Lambda$	27441	1	34810
27443	$e^+e^- \to \mu^+\nu_\mu X_u^- \rho^- D^{*+} p\bar{p}$	27442	1	34811
27444	$e^+e^- \to \pi^+\omega D^- \bar{D}^{*-} D_s^{*+}$	27443	1	34812
27445	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- D^+ D^0 D_s^-$	27444	1	34813
27446	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega\omega K^0 \bar{K}^0 D^+ \bar{D}^0$	27445	1	34814
27447	$e^+e^- \to \pi^0\pi^0\pi^+ D^- D^- D_s^{*+}$	27446	1	34815
27448	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^- \bar{K}^0 D^- \bar{n}\Sigma_c^0$	27447	1	34816
27449	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^- K^- D^+ D^{*+} \bar{D}^0$	27448	1	34817
27450	$e^+e^- \to e^- \bar{\nu}_e \rho^- \eta K^0 \bar{K}^* K^+ D^{*+}$	27449	1	34818
27451	$e^+e^- \to \rho^+ \bar{K}^0 D^- D^{*0} \bar{D}^{*0}$	27450	1	34819
27452	$e^+e^- \to \pi^0\pi^+\pi^+\rho^- D^- \bar{p}\Sigma_c^+$	27451	1	34820
27453	$e^+e^- \to e^- \bar{\nu}_e \bar{K}^* K^+ D^- D^{*+}$	27452	1	34821
27454	$e^+e^- \to e^- \bar{\nu}_e \pi^0\pi^+\rho^-\eta\eta \bar{K}^* K^+ D^- D^{*+}$	27453	1	34822
27455	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega K^- D^- D^{*+} \bar{D}^{*0}$	27454	1	34823
27456	$e^+e^- \to \pi^+ K^- D^- D^- D^{*+} D_s^{*+}$	27455	1	34824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27457	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega D^{*0}\Delta^0\bar{\Delta}^0$	27456	1	34825
27458	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\rho^+K^{*-}\bar{D}^{*-}D_s^{*+}$	27457	1	34826
27459	$e^+e^- \to \rho^0\rho^0\pi^+D^{*0}D_1'^-$	27458	1	34827
27460	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\Delta^0\bar{\Sigma}_c^0$	27459	1	34828
27461	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-D^+D_1^-$	27460	1	34829
27462	$e^+e^- \to K^{*-}D^+D^-\bar{D}^{*0}\bar{\Delta}^0\Delta^+$	27461	1	34830
27463	$e^+e^- \to \pi^0\rho^-K^0\eta'D^{*+}D^{*+}\bar{D}^{*-}$	27462	1	34831
27464	$e^+e^- \to \bar{K}^0\bar{K}^0K^{*+}D^-D^{*+}\bar{D}^{*-}$	27463	1	34832
27465	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_0^{*-}a_1^-\gamma$	27464	1	34833
27466	$e^+e^- \to \rho^+D^-\bar{n}p\bar{\Delta}^+\Sigma_c^{*0}$	27465	1	34834
27467	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\eta\bar{D}^{*-}D^{*0}$	27466	1	34835
27468	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\bar{K}^0K^*D^+\bar{D}^{*-}$	27467	1	34836
27469	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}p\bar{\Sigma}_c^0$	27468	1	34837
27470	$e^+e^- \to \pi^0\pi^-\omega D^+D^{*+}D_{s1}'^-$	27469	1	34838
27471	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}$	27470	1	34839
27472	$e^+e^- \to \rho^+K^{*-}D^{*+}\bar{D}^{*0}n\bar{\Xi}_c'^-$	27471	1	34840
27473	$e^+e^- \to \pi^-\omega K^{*+}\bar{D}^{*-}a_1^+$	27472	1	34841
27474	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0K^+\bar{D}^{*-}D^{*0}$	27473	1	34842
27475	$e^+e^- \to \rho^0\pi^-K_2^{*0}D^{*+}J/\psi$	27474	1	34843
27476	$e^+e^- \to e^+\nu_e\pi^0\omega K^0D^+D^-D^-$	27475	1	34844
27477	$e^+e^- \to \bar{K}^0D^{*+}D^0\bar{D}^{*0}\Delta^-\bar{\Delta}^0$	27476	1	34845
27478	$e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}D_s^{*-}$	27477	1	34846
27479	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^0D_s^{*+}$	27478	1	34847
27480	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-\rho^-K^0K^+K^-K^{*-}D^+\bar{D}^0$	27479	1	34848
27481	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+\omega\omega K^0\bar{K}^*D^-$	27480	1	34849
27482	$e^+e^- \to e^+\nu_eX_u^-\rho^-K^-K^{*+}D^+$	27481	1	34850
27483	$e^+e^- \to \rho^+\rho^-\eta D^+D^-n\bar{n}p\bar{p}$	27482	1	34851
27484	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}J/\psi$	27483	1	34852
27485	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^-D^{*+}$	27484	1	34853
27486	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta D^+D^{*+}$	27485	1	34854
27487	$e^+e^- \to \pi^+\rho^-K^{*-}D^+J/\psi$	27486	1	34855
27488	$e^+e^- \to \rho^+\rho^-\eta\omega\omega D^+D^-$	27487	1	34856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27489	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega D^- D^0$	27488	1	34857
27490	$e^+e^- \to \rho^-\omega K^{*+} D^{*+}\bar{D}^{*-} D^{*0}$	27489	1	34858
27491	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^- D^{*+} D^{*+}$	27490	1	34859
27492	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+ D^{*0}$	27491	1	34860
27493	$e^+e^- \to \rho^+\omega D^- J/\psi\bar{K}_1^{'0}$	27492	1	34861
27494	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\bar{p}\Lambda$	27493	1	34862
27495	$e^+e^- \to \pi^-\pi^- K^{*+} D^0\bar{D}^0\bar{D}^0 D_s^+$	27494	1	34863
27496	$e^+e^- \to \pi^0\omega D^{*+} D_s^- p\bar{\Sigma}_c^-$	27495	1	34864
27497	$e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^* K^{*+} K^{*-} D^- J/\psi$	27496	1	34865
27498	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^* D^+ D^0$	27497	1	34866
27499	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\eta K^{*+} D^+$	27498	1	34867
27500	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+ K^+ K^{*-}\bar{D}^{*-} D_s^+\bar{\Sigma}^+\Xi^-$	27499	1	34868
27501	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\rho^+\bar{D}^{*-} D^0$	27500	1	34869
27502	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\eta K^0\eta' D^+ D^+ D^-$	27501	1	34870
27503	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta\omega K^0 D^{*0}\bar{D}^{*0}$	27502	1	34871
27504	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^-\bar{K}^* K^+ D^{*+}\bar{D}^0$	27503	1	34872
27505	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+ K^*\bar{K}^*\bar{D}^{*-} D^{*0}$	27504	1	34873
27506	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^+\bar{D}^0 D_{s0}^{*-}$	27505	1	34874
27507	$e^+e^- \to \bar{K}^0 K^* D^- D^{*+}\eta_c$	27506	1	34875
27508	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+ D^-\bar{p}\Sigma_c^+$	27507	1	34876
27509	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\rho^-\bar{K}^0\bar{K}^0 D^0 D_s^{*+}$	27508	1	34877
27510	$e^+e^- \to \pi^+\pi^+\bar{K}^0 D^-\bar{D}^{*-} D^0$	27509	1	34878
27511	$e^+e^- \to \pi^0\pi^+ K^0 K^{*-} D^+\bar{D}^0 D_s^{*-}$	27510	1	34879
27512	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\bar{K}^0 D^- D^{*+}$	27511	1	34880
27513	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\omega D^+ D^{*0}$	27512	1	34881
27514	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+ D^+ D_1'^-$	27513	1	34882
27515	$e^+e^- \to \rho^0\pi^+\eta D^- D^0\bar{D}^{*0}$	27514	1	34883
27516	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{n}p$	27515	1	34884
27517	$e^+e^- \to e^-\bar{\nu}_e K_L D^{*+}\chi_{c1}$	27516	1	34885
27518	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta'\eta' D^+\bar{D}^{*-}$	27517	1	34886
27519	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^{*-} D^{*+} D^{*+}\bar{D}^{*0}$	27518	1	34887
27520	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^* D^+\bar{D}^{*-}$	27519	1	34888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27521	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-D^-D_2^{*-}$	27520	1	34889
27522	$e^+e^- \to \pi^0\pi^+\pi^-K^*K^-D^+\bar{D}^{*-}\bar{\Delta}^+\Delta^{++}$	27521	1	34890
27523	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-K^0K^-\eta'\eta'D^+D^-$	27522	1	34891
27524	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau D_1'^-D_1'^-$	27523	1	34892
27525	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}D_s^-$	27524	1	34893
27526	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-p$	27525	1	34894
27527	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^0D^+D^+D^-$	27526	1	34895
27528	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D_2^{*+}D_s^-$	27527	1	34896
27529	$e^+e^- \to \pi^+\pi^+D^0D_s^{*-}n\bar{\Xi}_c^-$	27528	1	34897
27530	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_s^+$	27529	1	34898
27531	$e^+e^- \to \pi^0\omega\Delta^0\bar{\Sigma}^{*0}\bar{\Sigma}_c^{*0}\Xi_c^{*0}$	27530	1	34899
27532	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^{*+}\bar{D}^0$	27531	1	34900
27533	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^+D^+$	27532	1	34901
27534	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-D^+n\bar{\Sigma}_c^0$	27533	1	34902
27535	$e^+e^- \to \rho^0\bar{K}^0K^{*+}\phi\bar{D}^{*-}\bar{\Delta}^+\Xi_c'^+$	27534	1	34903
27536	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta D^{*+}\Delta^-\bar{\Delta}^0$	27535	1	34904
27537	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta\omega D^+\bar{D}^{*-}$	27536	1	34905
27538	$e^+e^- \to \pi^+\pi^-\rho^+K^-D^-D_s^{*+}\eta_c$	27537	1	34906
27539	$e^+e^- \to D^{*+}\bar{D}^{*0}\bar{p}\Delta^+D_{s1}'^-$	27538	1	34907
27540	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-K^+D^{*0}D_0^{*+}$	27539	1	34908
27541	$e^+e^- \to D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^+a_1^+$	27540	1	34909
27542	$e^+e^- \to \pi^0\pi^-\pi^-K^+K^-D^+\bar{D}^0D_s^{*+}$	27541	1	34910
27543	$e^+e^- \to \pi^0\pi^0\pi^+\omega\omega\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	27542	1	34911
27544	$e^+e^- \to \pi^+\pi^+K^0K^{*-}\bar{D}^{*-}D^{*0}J/\psi$	27543	1	34912
27545	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^+K^{*-}D^-D_{s1}'^+$	27544	1	34913
27546	$e^+e^- \to \pi^0\bar{K}^0D^-D^{*0}\bar{D}^{*0}D_s^+$	27545	1	34914
27547	$e^+e^- \to \pi^+\pi^-\eta\omega K^0\bar{K}^*K^{*+}K^{*-}D^+D^-$	27546	1	34915
27548	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}$	27547	1	34916
27549	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^+K^+D^{*0}D_s^-\bar{\Delta}^0\Lambda$	27548	1	34917
27550	$e^+e^- \to \pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{n}\Sigma_c^{*0}$	27549	1	34918
27551	$e^+e^- \to \pi^0\pi^+\rho^-K^{*+}K^{*-}D^+D^0D_s^{*-}$	27550	1	34919
27552	$e^+e^- \to \rho^0\pi^-\rho^-\omega K^{*+}D^+\bar{D}^{*0}$	27551	1	34920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27553	$e^+e^- \to \pi^-\rho^-\rho^-\omega\omega\bar{K}^*K^+D^{*+}D^{*+}$	27552	1	34921
27554	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+\eta_c$	27553	1	34922
27555	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-\bar{D}^{*-}\chi_{c2}$	27554	1	34923
27556	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta'D^{*+}\bar{D}^{*-}$	27555	1	34924
27557	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^-D_1'^+$	27556	1	34925
27558	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^-D^-D^{*+}\bar{D}^{*0}$	27557	1	34926
27559	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+D^-D^0D_s^{*+}$	27558	1	34927
27560	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	27559	1	34928
27561	$e^+e^- \to \pi^+\pi^+\omega K^0\bar{D}^{*-}D^0D_s^-$	27560	1	34929
27562	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-K^+K^{*-}D^{*+}\bar{D}^{*0}$	27561	1	34930
27563	$e^+e^- \to \pi^0\pi^-\rho^-\eta\eta K^0D^+D^{*+}\bar{D}^{*0}$	27562	1	34931
27564	$e^+e^- \to \pi^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+$	27563	1	34932
27565	$e^+e^- \to \pi^0\rho^0J/\psi\bar{\Lambda}\Xi_c^0$	27564	1	34933
27566	$e^+e^- \to \pi^+\pi^+\eta\bar{K}^0K^*D^-D^0D_s^{*-}$	27565	1	34934
27567	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+D_s^+D_s^-$	27566	1	34935
27568	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^+\pi^-D^{*+}D^{*+}$	27567	1	34936
27569	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-K^+D^+D^-\bar{\Sigma}^0\Xi^0$	27568	1	34937
27570	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-D^0\bar{D}^{*0}\bar{p}\Delta^+$	27569	1	34938
27571	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^*K^-D^-D^{*+}\bar{n}p$	27570	1	34939
27572	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^{*+}J/\psi$	27571	1	34940
27573	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-\omega\bar{K}^0K^+D^-$	27572	1	34941
27574	$e^+e^- \to \omega D^+D^-D^-\bar{\Delta}^0\Delta^+$	27573	1	34942
27575	$e^+e^- \to e^+\nu_e\pi^-K^+K^{*-}\eta'D^+D^-$	27574	1	34943
27576	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}D^{*0}n\bar{n}$	27575	1	34944
27577	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^+D_2^{*+}$	27576	1	34945
27578	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\omega K^+K^-D^+\bar{D}^{*-}$	27577	1	34946
27579	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*+}K^{*-}D^+D^-$	27578	1	34947
27580	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-D^+D^{*+}$	27579	1	34948
27581	$e^+e^- \to K^{*+}D^-D^{*+}D^{*0}\Sigma^-\bar{\Sigma}^{*0}$	27580	1	34949
27582	$e^+e^- \to e^+\nu_e\pi^0\pi^+\omega D^-D_1^-$	27581	1	34950
27583	$e^+e^- \to \rho^-D^-D^{*+}a_1^+$	27582	1	34951
27584	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0D^-D_1^+$	27583	1	34952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27585	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\bar{K}^0D^0D_s^{*+}D_1^-$	27584	1	34953
27586	$e^+e^- \to \pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+$	27585	1	34954
27587	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^{*-}D_s^{*+}\gamma$	27586	1	34955
27588	$e^+e^- \to \pi^+\pi^-K^0D_s^{*+}\chi_{c2}D_1^-$	27587	1	34956
27589	$e^+e^- \to \rho^-K^+D^+J/\psi a_1^-$	27588	1	34957
27590	$e^+e^- \to \pi^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^-$	27589	1	34958
27591	$e^+e^- \to e^+\nu_eD^-D^0n\bar{n}$	27590	1	34959
27592	$e^+e^- \to \bar{K}^*\bar{D}^{*-}D_s^+D_s^{*-}a_1^+$	27591	1	34960
27593	$e^+e^- \to D^{*+}D^{*+}D_s^-a_1^-$	27592	1	34961
27594	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^{*+}D^{*+}D_s^{*-}$	27593	1	34962
27595	$e^+e^- \to \rho^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	27594	1	34963
27596	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega\omega K^*D^{*+}\bar{D}^{*0}$	27595	1	34964
27597	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+K^-D^+\bar{D}^0D^{*0}$	27596	1	34965
27598	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-\bar{K}^0K^{*+}D^+\bar{D}^0$	27597	1	34966
27599	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}\bar{n}p$	27598	1	34967
27600	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+K^-K^{*+}D^+D^-D_s^-$	27599	1	34968
27601	$e^+e^- \to \pi^+\omega K^0\bar{K}^0K^*D^-D^{*+}\bar{D}^{*-}$	27600	1	34969
27602	$e^+e^- \to \pi^0\pi^0\pi^-\eta\omega K^0D^{*+}D^{*0}\bar{D}^{*0}$	27601	1	34970
27603	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^-D^{*+}D_2^{*-}$	27602	1	34971
27604	$e^+e^- \to \pi^+\pi^-K^0D^{*+}D_{s1}'^-\psi'$	27603	1	34972
27605	$e^+e^- \to \pi^0\pi^-D^+D^{*+}\bar{D}^0D_s^{*-}\gamma$	27604	1	34973
27606	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-D^+\bar{D}^{*-}\bar{n}p$	27605	1	34974
27607	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^-D^{*+}$	27606	1	34975
27608	$e^+e^- \to \pi^+\bar{K}^0K^+K^{*-}D^-D^{*+}\bar{D}^{*-}$	27607	1	34976
27609	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+D^+D^-p\bar{p}$	27608	1	34977
27610	$e^+e^- \to \pi^+K^0\bar{K}^*K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	27609	1	34978
27611	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega\bar{D}^{*-}D^{*0}$	27610	1	34979
27612	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega K^0\bar{K}^*\eta'D^-D^{*+}$	27611	1	34980
27613	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^{*+}p\bar{\Delta}^{++}$	27612	1	34981
27614	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\bar{K}^0K^+D^-\bar{D}^0$	27613	1	34982
27615	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	27614	1	34983
27616	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^*\bar{D}^{*-}\bar{D}^{*0}$	27615	1	34984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27617	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega K^0\bar{K}^0D^+D^{*+}$	27616	1	34985
27618	$e^+e^- \to \pi^-K^+K^{*-}D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	27617	1	34986
27619	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}\gamma$	27618	1	34987
27620	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^{*+}\eta'\bar{D}^{*-}D^0D^{*0}$	27619	1	34988
27621	$e^+e^- \to \eta\bar{K}^0K^+D^+\bar{D}^{*-}D_s^-$	27620	1	34989
27622	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega K^*K^-D^+\bar{D}^{*-}$	27621	1	34990
27623	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\eta\eta K^+K^+K^-K^-D^+\bar{D}^{*0}D_s^+$	27622	1	34991
27624	$e^+e^- \to e^+\nu_e\bar{K}^0\bar{D}^{*-}D_s^+D_s^{*-}$	27623	1	34992
27625	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-D^+D^{*+}$	27624	1	34993
27626	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta\omega D^{*+}D^{*+}$	27625	1	34994
27627	$e^+e^- \to \pi^0\rho^-\rho^-\rho^-\bar{K}^0K^{*+}D^{*+}D^{*+}$	27626	1	34995
27628	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	27627	1	34996
27629	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+}$	27628	1	34997
27630	$e^+e^- \to \pi^-\omega\omega D^{*+}\bar{D}^0\bar{n}\Delta^0$	27629	1	34998
27631	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^*K^-D^{*+}\bar{D}^{*0}$	27630	1	34999
27632	$e^+e^- \to \pi^0\pi^+\eta\omega\bar{K}^0K^*D^+D^-n\bar{p}$	27631	1	35000
27633	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\eta D^+D^{*+}$	27632	1	35001
27634	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^{*+}D_2^{*-}$	27633	1	35002
27635	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^-K^{*+}D^{*+}\bar{D}^0\bar{D}^{*0}$	27634	1	35003
27636	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^*D^+D^-D^{*0}$	27635	1	35004
27637	$e^+e^- \to e^-\bar{\nu}_eD^+D^-\bar{\Delta}^-\Delta^0$	27636	1	35005
27638	$e^+e^- \to \rho^+K^-D^+D^-\bar{D}^0$	27637	1	35006
27639	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^-D^{*+}$	27638	1	35007
27640	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^-D^{*+}D^{*+}$	27639	1	35008
27641	$e^+e^- \to \tau^+\nu_\tau\rho^+\omega K^+K^{*-}\bar{D}^{*-}D_1'^-$	2971	1	35009
27642	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0\bar{K}^0\bar{K}^0D_1'^+$	27641	1	35010
27643	$e^+e^- \to \eta D^0\bar{D}^0\Delta^0\bar{\Sigma}^0$	27642	1	35011
27644	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}\bar{n}\Sigma_c^+$	27643	1	35012
27645	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^0\Delta^0\bar{\Sigma}_c^-$	27644	1	35013
27646	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0K^+K^-\bar{D}^{*-}$	27645	1	35014
27647	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-D^+\bar{D}^{*-}D_s^{*+}$	27646	1	35015
27648	$e^+e^- \to \pi^0\pi^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}$	27647	1	35016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27649	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0D^-$	27648	1	35017
27650	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0\bar{D}^{*-}\bar{\Sigma}^0\Xi_c'^0$	27649	1	35018
27651	$e^+e^- \to \pi^-\bar{K}^0\bar{K}^*D^-D_s^+D_1^+$	27650	1	35019
27652	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-n\bar{n}$	27651	1	35020
27653	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D_0^{*-}$	27652	1	35021
27654	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^{*0}\bar{D}^{*0}p\bar{\Delta}^+$	27653	1	35022
27655	$e^+e^- \to \pi^0\pi^+K^0K^0\bar{K}^*K^{*-}D^{*+}\bar{D}^{*-}n\bar{n}$	27654	1	35023
27656	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^0\bar{D}^0D_s^{*+}$	27655	1	35024
27657	$e^+e^- \to \pi^+K^0K^0K^-K^{*-}\phi D^{*+}\bar{D}^{*-}D_s^{*+}$	27656	1	35025
27658	$e^+e^- \to \rho^0\pi^-\rho^+D^{*+}\Delta^0\bar{\Sigma}_c^-$	27657	1	35026
27659	$e^+e^- \to \pi^-\rho^+\eta\omega K^0D^{*+}\bar{D}^{*-}D^0$	27658	1	35027
27660	$e^+e^- \to \rho^-\bar{K}^0D^+\bar{D}^0J/\psi K_1^0$	27659	1	35028
27661	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-K^0K^-D^+D^{*+}$	27660	1	35029
27662	$e^+e^- \to \pi^0\pi^+\rho^+K^*K^-D^{*+}\bar{D}^{*-}D_s^{*-}$	27661	1	35030
27663	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta K^+K^-K^{*+}D^+$	2972	1	35031
27664	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta\omega\eta'D^-D^0$	27663	1	35032
27665	$e^+e^- \to \mu^+\nu_\mu\phi D^{*+}\bar{D}^{*-}D_s^-$	27664	1	35033
27666	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega D^+\Delta^0\bar{\Sigma}_c^-$	27665	1	35034
27667	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\bar{K}^0\bar{K}^0K^+K^{*+}K^{*-}\bar{D}^{*-}$	27666	1	35035
27668	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^+\pi^-\eta'D^-\bar{D}^{*-}$	27667	1	35036
27669	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	27668	1	35037
27670	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*0}\bar{p}\Lambda_c^+$	27669	1	35038
27671	$e^+e^- \to \pi^-\rho^+\rho^+\omega D^-D^{*+}\bar{D}^{*-}$	27670	1	35039
27672	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^0\bar{n}\Sigma_c^+\chi_{c0}$	27671	1	35040
27673	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\eta K^+K^-D^{*+}\bar{D}^0$	27672	1	35041
27674	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{D}^{*0}$	27673	1	35042
27675	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^-D^0$	27674	1	35043
27676	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^0K^{*+}D^-D^{*0}a_1^+$	27675	1	35044
27677	$e^+e^- \to \rho^0\pi^+\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	27676	1	35045
27678	$e^+e^- \to \pi^0\pi^0\pi^0D^+\bar{D}^{*0}D_s^-$	27677	1	35046
27679	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}$	27678	1	35047
27680	$e^+e^- \to \tau^+\nu_\tau\rho^+D^-D^{*0}D_s^{*-}$	27679	1	35048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27681	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^*D^{*+}D_s^-$	27680	1	35049
27682	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^0\bar{K}^0D^+D^-D_s^-$	27681	1	35050
27683	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta\omega D^+D^{*+}$	27682	1	35051
27684	$e^+e^- \to K^0\bar{K}^0K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	27683	1	35052
27685	$e^+e^- \to \rho^-K^{*+}D^+D^0\bar{D}^0D_{s1}^-$	27684	1	35053
27686	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	27685	1	35054
27687	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\eta D^+D^{*+}$	27686	1	35055
27688	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}$	27687	1	35056
27689	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^-D^{*+}$	27688	1	35057
27690	$e^+e^- \to \bar{K}^*K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^{*0}\gamma$	27689	1	35058
27691	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{++}$	27690	1	35059
27692	$e^+e^- \to \rho^0\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	27691	1	35060
27693	$e^+e^- \to K^0K^-\eta'D^{*+}D^{*+}D_{s1}'^-$	27692	1	35061
27694	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0K^{*+}\phi D^+D^-\bar{\Delta}^-\Delta^-$	27693	1	35062
27695	$e^+e^- \to \mu^+\nu_\mu D^+a_1^-D_1'^-$	27694	1	35063
27696	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+D^+\bar{D}^{*-}$	27695	1	35064
27697	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^0$	660	1	35065
27698	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0D^{*+}\bar{D}^{*-}D^{*0}$	27697	1	35066
27699	$e^+e^- \to \pi^0\pi^+\rho^+\eta D^-D^-$	27698	1	35067
27700	$e^+e^- \to \pi^0\bar{K}^0K^+K^-\eta'D^-D_s^+$	27699	1	35068
27701	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\omega\omega D^+D^{*+}n\bar{p}$	27700	1	35069
27702	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_2^{*+}\bar{n}p$	27701	1	35070
27703	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}n\bar{n}$	27702	1	35071
27704	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^{*+}\bar{D}^{*-}$	27703	1	35072
27705	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0D^+\chi_{c0}$	27704	1	35073
27706	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^{*+}D_s^{*-}$	27705	1	35074
27707	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta K^{*-}D^+\bar{D}^0D_s^+$	27706	1	35075
27708	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta K^*\bar{D}^{*-}$	27707	1	35076
27709	$e^+e^- \to \rho^-D_2^{*+}\bar{D}^0\bar{n}\Delta^0$	27708	1	35077
27710	$e^+e^- \to D^{*+}J/\psi K_1^0a_1^-$	27709	1	35078
27711	$e^+e^- \to \pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^0\bar{\Delta}^+\Delta^{++}$	27710	1	35079
27712	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega K^0D^-\bar{n}\Sigma_c^+$	27711	1	35080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27713	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^- D^+ p\bar{\Sigma}_c^-$	27712	1	35081
27714	$e^+e^- \to e^-\bar{\nu}_e D^{*+} D_s^{*-} \Delta^0\bar{\Sigma}^+$	27713	1	35082
27715	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^- K^+K^+K^- D^{*+}\bar{D}^0$	27714	1	35083
27716	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^- K^+ D^{*+}\bar{D}^{*-}$	27715	1	35084
27717	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+ K^*\bar{K}^* D^+ D^-$	27716	1	35085
27718	$e^+e^- \to \mu^+\nu_\mu\phi D^+\bar{D}^{*-} D_s^-$	27717	1	35086
27719	$e^+e^- \to \pi^0\pi^0\pi^-\pi^- D^+\bar{D}^0 D_s^+$	27718	1	35087
27720	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^*\bar{K}^* K^+ D^{*+}\bar{D}^{*-} D^0$	27719	1	35088
27721	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	27720	1	35089
27722	$e^+e^- \to \rho^-\rho^- K^*\bar{K}^* K^+ D^+ D^{*+}\bar{D}^{*-}$	27721	1	35090
27723	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} D^{*+} D_s^{*-}$	27722	1	35091
27724	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^* D^+\bar{D}^{*-} D_{s1}'^+$	27723	1	35092
27725	$e^+e^- \to e^-\bar{\nu}_e\rho^0 D^- D^{*+}\bar{\Lambda}\Sigma^+$	27724	1	35093
27726	$e^+e^- \to \pi^0\pi^+\rho^+\eta\eta' D^-\bar{D}^{*-}$	27725	1	35094
27727	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^0 D^+ D^- D^{*+}$	27726	1	35095
27728	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^- D^+ D^{*+}$	27727	1	35096
27729	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^- K^0\bar{K}^0 D^0\bar{D}^0\bar{D}^{*0}$	27728	1	35097
27730	$e^+e^- \to \rho^0\rho^+\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	27729	1	35098
27731	$e^+e^- \to \rho^+ D^{*+} D_2^{*-} a_1^-\gamma$	27730	1	35099
27732	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	27731	1	35100
27733	$e^+e^- \to \pi^0\rho^+\eta\omega K^+ D^-\bar{D}^{*-} D^0$	27732	1	35101
27734	$e^+e^- \to \pi^0\pi^-\pi^- K^* D^{*+} D^{*+}\bar{D}^{*0}$	27733	1	35102
27735	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\eta K^+ K^{*-} D^-\bar{D}^{*-}$	27734	1	35103
27736	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\bar{K}^0 K^* D^-\bar{D}^{*-} D^0 D^{*0}$	27735	1	35104
27737	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\bar{K}^0\bar{D}^{*-} D^{*0} n\bar{n}$	27736	1	35105
27738	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega K^0\bar{K}^0 D^- D^{*+} D_s^-$	27737	1	35106
27739	$e^+e^- \to \pi^+\pi^-\omega\eta' D^{*+}\bar{D}^{*-}$	27738	1	35107
27740	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	27739	1	35108
27741	$e^+e^- \to \rho^0\rho^-\omega D^+\bar{D}^{*-} D_s^{*+}$	27740	1	35109
27742	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^+\bar{D}^{*-}$	2974	1	35110
27743	$e^+e^- \to e^+\nu_e\bar{K}^0 D^- D^{*+} D_0^{*-}$	27742	1	35111
27744	$e^+e^- \to \pi^0\rho^0\rho^+ K^0 K^- D^+\bar{D}^{*-}$	27743	1	35112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27745	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-K^*K^{*+}K^{*-}D^{*+}D^{*+}\bar{D}^{*-}$	27744	1	35113
27746	$e^+e^- \to \pi^-\rho^-\eta\bar{K}^0D^{*+}n\bar{p}\bar{\Lambda}\Sigma_c^{*++}$	27745	1	35114
27747	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	2975	1	35115
27748	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^{*-}\bar{D}^{*-}a_1^+$	27747	1	35116
27749	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^0\bar{D}^0D_s^-D_s^{*+}$	27748	1	35117
27750	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^0\pi^-\eta\omega D^+$	27749	1	35118
27751	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	27750	1	35119
27752	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}D^{*+}$	27751	1	35120
27753	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*-}a_1^+$	27752	1	35121
27754	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*0}$	27753	1	35122
27755	$e^+e^- \to e^+\nu_e\pi^0\omega\omega\bar{K}^0\bar{D}^{*-}D^{*0}$	27754	1	35123
27756	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^-K^{*+}D^{*+}\bar{D}^{*0}D_s^-$	27755	1	35124
27757	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^-D^{*+}n\bar{n}$	27756	1	35125
27758	$e^+e^- \to \pi^0\pi^+\rho^+D^-D^0D_1'^-$	27757	1	35126
27759	$e^+e^- \to \rho^0\pi^+D^+\bar{D}^{*-}\bar{\Delta}^0\Sigma^-$	27758	1	35127
27760	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	27759	1	35128
27761	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^0D^-D^{*+}D^{*0}$	27760	1	35129
27762	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-D^{*+}D_1^-$	27761	1	35130
27763	$e^+e^- \to \pi^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_s^{*-}$	27762	1	35131
27764	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	27763	1	35132
27765	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^0D^+\bar{D}^{*0}D_1^+$	27764	1	35133
27766	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\eta\omega K^-D^0p\bar{\Lambda}_c^-$	27765	1	35134
27767	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^-D^{*+}D_s^{*+}$	27766	1	35135
27768	$e^+e^- \to K^*K^-D^+D^+n\bar{\Lambda}_c^-$	27767	1	35136
27769	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0p\bar{p}$	27768	1	35137
27770	$e^+e^- \to e^+\nu_eX_u^-\pi^+\pi^-\omega K^{*+}K^{*-}D^{*0}$	27769	1	35138
27771	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^-D^{*+}\Delta^+\bar{\Omega}_c^{*0}$	27770	1	35139
27772	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^*D^+D^-D_s^-$	27771	1	35140
27773	$e^+e^- \to \pi^0\pi^-\omega K^*D^+D^-D^{*+}$	27772	1	35141
27774	$e^+e^- \to e^+\nu_e\rho^0\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^0$	27773	1	35142
27775	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0D^-D^0D_s^{*+}$	27774	1	35143
27776	$e^+e^- \to \rho^-D^{*+}D_s^{*+}\bar{n}\Sigma^{*-}$	27775	1	35144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27777	$e^+e^- \to \omega K^{*-} D^{*+} \bar{D}^{*-} a_1^+$	27776	1	35145
27778	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^- D^{*+}$	27777	1	35146
27779	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^+ D_2^{*+} D_s^{*-}$	27778	1	35147
27780	$e^+e^- \to e^-\bar{\nu}_e\eta\eta\eta K^- K^{*+} D^{*+} \bar{D}^0$	27779	1	35148
27781	$e^+e^- \to \pi^-\rho^+\rho^+ D^+ \bar{D}^{*-} a_1^-$	27780	1	35149
27782	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\eta\omega K^+ D^{*+} D^{*+} \bar{p}\Lambda$	27781	1	35150
27783	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D_2^{*-} D_0^{*+}$	27782	1	35151
27784	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 D^+ \bar{D}^{*-} \bar{D}^{*-} \bar{p}\Delta^{++}$	27783	1	35152
27785	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+ D^- D^{*0} D_0^{*+}$	27784	1	35153
27786	$e^+e^- \to \pi^-\rho^+\rho^-\eta' D^{*+} \bar{D}^{*-} D_s^+$	27785	1	35154
27787	$e^+e^- \to \pi^0\rho^0\pi^+\eta D^- D^- \bar{\Delta}^0 p$	27786	1	35155
27788	$e^+e^- \to \rho^0\pi^-\pi^-\pi^-\rho^+ K^+ D^+ D_s^- D_s^{*+}$	27787	1	35156
27789	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^- D^+ \bar{D}^{*0}$	27788	1	35157
27790	$e^+e^- \to \pi^-\pi^-\pi^-\rho^+\rho^+\omega D^+ \bar{D}^{*-} \bar{n}p$	27789	1	35158
27791	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^- K^+ D^- D^{*+} D_1'^-$	27790	1	35159
27792	$e^+e^- \to \pi^0\rho^+ K^0 K^0 D^- D_s^- a_1^+$	27791	1	35160
27793	$e^+e^- \to \pi^0 K^+ D^- D^0 D^0$	27792	1	35161
27794	$e^+e^- \to \pi^-\eta\bar{K}^0\bar{K}^* D^+ D^- D^{*+} \bar{D}^{*0}$	27793	1	35162
27795	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^* K^- K^{*+} D^+ D_s^-$	27794	1	35163
27796	$e^+e^- \to \omega K^+ D^- D^- D^{*0} \bar{n}p$	27795	1	35164
27797	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+ D_0^{*-}$	27796	1	35165
27798	$e^+e^- \to e^+\nu_e\rho^0\pi^- \bar{\Delta}^+ \Sigma_c^{*+}$	27797	1	35166
27799	$e^+e^- \to \rho^0\rho^- \bar{K}^0 K^{*+} D^{*+} \bar{D}^{*-}$	27798	1	35167
27800	$e^+e^- \to e^+\nu_e D^+ D^- \bar{\Delta}^+ \Sigma^0$	27799	1	35168
27801	$e^+e^- \to \rho^+ D^{*+} \bar{D}^{*-} \Delta^- \bar{n}$	2976	1	35169
27802	$e^+e^- \to e^-\bar{\nu}_e\pi^- \bar{D}^0 D_s^{*+} D_1'^+$	27801	1	35170
27803	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0 K^+ K^- K^{*+} D^- D^{*+}$	27802	1	35171
27804	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\eta\eta K^0 K^- D^+ \bar{D}^{*-}$	27803	1	35172
27805	$e^+e^- \to \pi^+ K^{*-} D^{*0} J/\psi K_1^0$	27804	1	35173
27806	$e^+e^- \to \pi^0\pi^0\rho^+\eta\bar{K}^0 D^- D^0 \bar{D}^{*0}$	27805	1	35174
27807	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^* D^{*+} D^0 \bar{D}^{*0}$	27806	1	35175
27808	$e^+e^- \to \pi^+\pi^+ K^0 K^0 K^- K^- K^{*+} D^- D^{*+} \bar{D}^{*-}$	27807	1	35176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27809	$e^+e^- \to \pi^+\pi^+\pi^-K^0D^+D^-D_s^{*-}$	27808	1	35177
27810	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta D^-D^0$	27809	1	35178
27811	$e^+e^- \to e^+\nu_e K^{*-}D^{*+}\bar{D}^0D_1^-$	27810	1	35179
27812	$e^+e^- \to \pi^0\rho^0K^0K^{*-}D^+\bar{D}^{*-}a_1^+$	27811	1	35180
27813	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\eta\eta\bar{K}^0K^+D^-\bar{D}^{*-}$	27812	1	35181
27814	$e^+e^- \to \rho^0\pi^-K^+K^{*-}D^+\bar{D}^{*0}\Lambda\bar{\Sigma}^{*0}$	27813	1	35182
27815	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^*K^-D^-D^0\bar{n}p$	27814	1	35183
27816	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^*D^+D^-D_2^{*-}$	27815	1	35184
27817	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^0D^-D_2^{*+}$	27816	1	35185
27818	$e^+e^- \to \rho^0K^{*+}D^-D^{*+}D^0n\bar{p}$	27817	1	35186
27819	$e^+e^- \to \mu^+\nu_\mu\rho^-\rho^-K^-K^{*+}D^{*+}$	27818	1	35187
27820	$e^+e^- \to \pi^+\pi^-K^{*+}D^-\bar{D}^{*-}D^0D_s^+$	27819	1	35188
27821	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\omega\bar{K}^0D^-D^{*+}D_{s1}'^+$	27820	1	35189
27822	$e^+e^- \to e^+\nu_e\pi^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^0$	27821	1	35190
27823	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^+\bar{D}^{*-}n\bar{p}$	27822	1	35191
27824	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-K^-K^{*+}\bar{D}^0D^{*0}D_s^{*+}$	27823	1	35192
27825	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^*D^{*+}D^{*+}D_s^{*-}$	27824	1	35193
27826	$e^+e^- \to K^-D^{*+}D^{*+}\bar{D}^{*0}D_s^{*-}$	27825	1	35194
27827	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D^-D^{*+}D^{*0}\bar{D}^{*0}$	27826	1	35195
27828	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+}a_1^+$	27827	1	35196
27829	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^+D^-D_2^{*-}$	27828	1	35197
27830	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^+n\bar{\Xi}_c^0$	27829	1	35198
27831	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+K^{*-}D^{*+}D^0\bar{D}^{*0}$	27830	1	35199
27832	$e^+e^- \to \pi^+\rho^+\omega K^-\eta'D^-\psi'$	27831	1	35200
27833	$e^+e^- \to K^-D^{*+}\bar{D}^0\bar{D}^{*0}\bar{p}\Delta^+$	27832	1	35201
27834	$e^+e^- \to \pi^-D^-\bar{\Delta}^0\Delta^+\bar{\Sigma}^0\Xi_c^+$	27833	1	35202
27835	$e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0\bar{K}^*K^+K^{*+}D^+D^-$	27834	1	35203
27836	$e^+e^- \to \eta K^0\bar{K}^0D^-D^{*+}D^{*+}\bar{D}^{*-}\gamma$	27835	1	35204
27837	$e^+e^- \to \pi^+\pi^-\eta K^0K^-K^{*+}\eta'D^-D^{*+}D^0$	27836	1	35205
27838	$e^+e^- \to \bar{K}^0K^*D^{*+}\bar{D}^{*-}D^0$	27837	1	35206
27839	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\bar{D}^{*-}D^0$	27838	1	35207
27840	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	27839	1	35208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27841	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta K^0\bar{K}^0D^+D^-$	27840	1	35209
27842	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^+D^-D^{*0}$	27841	1	35210
27843	$e^+e^- \to \pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	27842	1	35211
27844	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\omega\omega K^0D^{*+}\bar{D}^{*0}$	27843	1	35212
27845	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^+D^+\bar{D}^{*-}$	27844	1	35213
27846	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\omega\omega\bar{K}^0\bar{D}^{*-}D^{*0}$	27845	1	35214
27847	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D_2^{*-}D^0D_s^+$	27846	1	35215
27848	$e^+e^- \to e^+\nu_e\rho^-\bar{K}^0D^+\bar{D}^0D_1^-$	2977	1	35216
27849	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-D^{*+}D_1^+$	27848	1	35217
27850	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\bar{D}^{*-}\bar{D}^{*-}D^0$	27849	1	35218
27851	$e^+e^- \to \pi^0\eta K^0K^-D^-D^{*+}\bar{\Sigma}^0\Sigma^+$	27850	1	35219
27852	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\eta D^{*+}D^0$	27851	1	35220
27853	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^{*+}D^{*+}$	27852	1	35221
27854	$e^+e^- \to \bar{K}^*\bar{D}^{*-}D^0\bar{D}^{*0}\bar{n}p$	27853	1	35222
27855	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0K^0D^{*+}D^{*+}\bar{D}^{*-}$	2978	1	35223
27856	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\eta K^+K^-\bar{D}^{*-}D^{*0}$	27855	1	35224
27857	$e^+e^- \to K^0\bar{K}^*K^+K^-D^+D^-D^-D^{*+}$	27856	1	35225
27858	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0D^0D_1'^-$	27857	1	35226
27859	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\bar{K}^*K^+D^+D^-$	27858	1	35227
27860	$e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{D}^{*0}D_s^+$	27859	1	35228
27861	$e^+e^- \to K_L\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\eta_c$	27860	1	35229
27862	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\eta\omega D^-D^-$	27861	1	35230
27863	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta D^-D^{*0}D_0^{*+}$	27862	1	35231
27864	$e^+e^- \to \pi^+\pi^-\pi^-\eta\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_s^{*+}$	27863	1	35232
27865	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0K^*D^{*+}\bar{D}^0$	27864	1	35233
27866	$e^+e^- \to \bar{K}^*K^-D^{*+}\bar{D}^{*0}\bar{\Sigma}^0\Xi_c'^0$	27865	1	35234
27867	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^+D^-D^{*0}D_s^{*+}$	27866	1	35235
27868	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega K^0\bar{K}^0\bar{K}^0D^-D^{*0}$	27867	1	35236
27869	$e^+e^- \to \rho^-D^+D_s^-\Delta^+\bar{\Sigma}_c^{*0}$	27868	1	35237
27870	$e^+e^- \to \pi^0K^*D^+D^+D^-n\bar{p}$	27869	1	35238
27871	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^+$	27870	1	35239
27872	$e^+e^- \to \pi^0\rho^0\rho^-\eta\omega D^-D^{*+}\bar{n}p$	27871	1	35240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27873	$e^+e^- \to e^-\bar{\nu}_e K^{*-} D^{*+} a_0^+$	27872	1	35241
27874	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^0\rho^0\pi^- D^{*+} D^{*+}$	27873	1	35242
27875	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega D^+ D^-$	27874	1	35243
27876	$e^+e^- \to \pi^0\pi^+\eta\omega\omega\bar{D}^{*-} D^{*0} n\bar{n}$	27875	1	35244
27877	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\pi^0\pi^0\eta K^- K^{*+} D^{*+} \bar{D}^{*0}$	27876	1	35245
27878	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta K^0\bar{K}^0 D^+ \bar{D}^{*-}\gamma$	27877	1	35246
27879	$e^+e^- \to D_s^{*-} K_1^0 D_1^+ \psi'$	27878	1	35247
27880	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+} \bar{D}^{*-} D_{s0}^{*+}$	27879	1	35248
27881	$e^+e^- \to \pi^-\eta D^+ D^+ D_s^-$	27880	1	35249
27882	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\eta\eta\bar{K}^0\bar{D}^{*-}$	27881	1	35250
27883	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^0 D^- J/\psi$	27882	1	35251
27884	$e^+e^- \to \mu^-\bar{\nu}_\mu \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^- K^+ K^{*-} D^{*0}$	27883	1	35252
27885	$e^+e^- \to \tau^+\nu_\tau \pi^0\pi^- D^{*+} \bar{\Delta}^- \Delta^- D_1'^-$	27884	1	35253
27886	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^0\rho^0\pi^+\eta\eta D^- D_1^+$	27885	1	35254
27887	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0 D^- \chi_{c1}$	2979	1	35255
27888	$e^+e^- \to \rho^0\rho^- D^+ D_s^+ D_1'^-$	27887	1	35256
27889	$e^+e^- \to e^+\nu_e \pi^+\pi^-\bar{K}^* J/\psi D_1'^-$	27888	1	35257
27890	$e^+e^- \to \rho^0\pi^+\eta K^0 K^- D^- D^{*+}$	27889	1	35258
27891	$e^+e^- \to e^-\bar{\nu}_e \pi^0\pi^+\pi^+ K^* K^{*-} D^{*+} \bar{D}^{*-}$	27890	1	35259
27892	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\rho^-\omega K^{*-} D^- D^{*+}$	27891	1	35260
27893	$e^+e^- \to \rho^- K^* D^{*+} \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^{++}$	27892	1	35261
27894	$e^+e^- \to \rho^0 K^0 D^{*+} D_s^{*-} J/\psi$	27893	1	35262
27895	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+ D^- D^{*+} \bar{\Lambda}\Lambda_c^+$	27894	1	35263
27896	$e^+e^- \to \pi^0\pi^- D^- \bar{D}^0 D_s^{*+} \bar{n} p$	27895	1	35264
27897	$e^+e^- \to \pi^0\rho^+\bar{\Delta}^0\Delta^+\Sigma_c^0\bar{\Sigma}_c^{--}$	27896	1	35265
27898	$e^+e^- \to \pi^+\pi^-\rho^-\eta\omega K^0\bar{K}^0\bar{K}^0 K^{*+} D^+ \bar{D}^{*-}$	27897	1	35266
27899	$e^+e^- \to \rho^+\omega\omega K^0 K^0 D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	27898	1	35267
27900	$e^+e^- \to \pi^0\pi^+ K^0\bar{K}^0\bar{K}^0\bar{K}^0\bar{D}^{*-} \bar{D}^{*-} D_s^+$	27899	1	35268
27901	$e^+e^- \to e^+\nu_e \pi^0\rho^0\rho^-\omega D^+ \bar{D}^{*-}$	27900	1	35269
27902	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\pi^- D^- \bar{D}^{*0}$	27901	1	35270
27903	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^+\eta K^- K^{*+} D^- D^-$	27902	1	35271
27904	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta D^+ D_2^{*-}$	27903	1	35272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27905	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}D^0D_s^{*-}n\bar{n}$	27904	1	35273
27906	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	27905	1	35274
27907	$e^+e^- \to \omega K^+D^-D^{*0}\bar{n}\Sigma_c^0$	27906	1	35275
27908	$e^+e^- \to \rho^0\pi^+\omega K^+K^-K^-D^-D^{*+}\bar{D}^{*0}$	27907	1	35276
27909	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{n}\Sigma_c^+D_1^-$	27908	1	35277
27910	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+D^+\bar{D}^{*-}$	27909	1	35278
27911	$e^+e^- \to \pi^-\rho^+\rho^-D^+\bar{D}^{*-}D_s^+$	2980	1	35279
27912	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-K^0\bar{K}^0\bar{K}^*\bar{K}^*K^+D^-\bar{n}\Delta^+$	27911	1	35280
27913	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^+K^-D^+D^{*0}$	27912	1	35281
27914	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\eta D^-$	2981	1	35282
27915	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^+D^{*+}D^0D_s^-$	27914	1	35283
27916	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^-\eta\eta D^+\bar{D}^0$	27915	1	35284
27917	$e^+e^- \to \pi^0\pi^0\rho^-\rho^-\bar{K}^0K^+D^{*+}\Delta^+\bar{\Xi}_c^{*-}$	27916	1	35285
27918	$e^+e^- \to \eta\bar{K}^*D^{*+}\bar{D}^{*-}p\bar{\Sigma}_c^-$	27917	1	35286
27919	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^{*0}$	27918	1	35287
27920	$e^+e^- \to \rho^0\pi^+K^0K^+D^-\bar{D}^{*-}D^0$	27919	1	35288
27921	$e^+e^- \to \pi^0\rho^+\rho^-K^0\bar{K}^0\bar{K}^*D_s^+\Delta^0\bar{\Sigma}_c^{*-}$	27920	1	35289
27922	$e^+e^- \to K^0K^{*-}D^+D^{*+}\bar{D}^{*-}\bar{D}^0$	27921	1	35290
27923	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-\eta'D^+D^{*+}$	27922	1	35291
27924	$e^+e^- \to \rho^0\pi^+\bar{K}^0K^+K^-\bar{D}^{*-}\bar{n}\Sigma_c^0$	27923	1	35292
27925	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0K^+D^-D^-$	27924	1	35293
27926	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0K^+K^-D^+\bar{D}^{*0}$	27925	1	35294
27927	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	27926	1	35295
27928	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0K^+K^-K^{*+}D^+\bar{D}^{*-}$	27927	1	35296
27929	$e^+e^- \to \pi^0\pi^+\rho^+\omega K^-\bar{D}^{*-}$	27928	1	35297
27930	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-a_1^+D_1'^+$	27929	1	35298
27931	$e^+e^- \to \pi^0\pi^+K^-D^-D^0a_1^+$	27930	1	35299
27932	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\rho^-\eta D^-D^{*0}$	27931	1	35300
27933	$e^+e^- \to \pi^0\pi^+D^-D^{*+}D_s^{*-}n\bar{n}$	27932	1	35301
27934	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^+D^-$	27933	1	35302
27935	$e^+e^- \to \rho^-K^0\bar{K}^0\bar{K}^0D^+D^-\bar{D}^0D_s^{*+}$	27934	1	35303
27936	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^+K^-D^{*+}\bar{D}^{*-}$	27935	1	35304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27937	$e^+e^- \to \pi^0\pi^+\rho^-\omega K^0K^-D^+D^+n\bar{p}$	27936	1	35305
27938	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}$	27937	1	35306
27939	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\rho^-D^+D^-D_s^{*+}$	27938	1	35307
27940	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^*K^+\bar{D}^{*-}D^{*0}D_s^{*-}$	27939	1	35308
27941	$e^+e^- \to \pi^+\pi^-\rho^+D^-D^{*+}D_{s1}'^-$	27940	1	35309
27942	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	27941	1	35310
27943	$e^+e^- \to \pi^+\omega K^{*-}D^-\bar{n}p$	27942	1	35311
27944	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\eta\omega D^-\bar{D}^{*-}$	27943	1	35312
27945	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega D^{*0}\Delta^+\bar{\Sigma}_c^-$	27944	1	35313
27946	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}$	27945	1	35314
27947	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\eta D^+D^-$	27946	1	35315
27948	$e^+e^- \to \pi^0\pi^0\rho^-K^-K^{*+}D^+D^+D_s^-$	27947	1	35316
27949	$e^+e^- \to \pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}D_s^{*-}$	27948	1	35317
27950	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau\eta D^+D_1'^-$	27949	1	35318
27951	$e^+e^- \to \pi^0\rho^0K^0\bar{K}^0\bar{K}^*\eta'\bar{D}^0p\bar{p}$	27950	1	35319
27952	$e^+e^- \to \omega\omega K^0K^{*-}D^+\bar{D}^{*-}\bar{n}p$	27951	1	35320
27953	$e^+e^- \to \pi^0\pi^-\omega D^{*+}D_2^{*-}D_s^+$	27952	1	35321
27954	$e^+e^- \to \rho^+\rho^-\omega\omega\omega D^-D^{*+}$	27953	1	35322
27955	$e^+e^- \to K^-D^-D^{*+}\bar{D}^0D_{s1}'^+$	27954	1	35323
27956	$e^+e^- \to \pi^0\pi^0\pi^+\eta K^-\eta'D^-D^{*+}$	27955	1	35324
27957	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\rho^-D^+D^-$	27956	1	35325
27958	$e^+e^- \to \rho^-D_s^{*+}\bar{\Delta}^0\Sigma_c^+D_1'^-$	27957	1	35326
27959	$e^+e^- \to K^*D^{*+}D^{*0}\bar{D}^{*0}D_s^{*-}\gamma$	27958	1	35327
27960	$e^+e^- \to \pi^-\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{n}p$	27959	1	35328
27961	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^-K^+\bar{D}^{*0}D_0^{*+}$	27960	1	35329
27962	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^{*+}\bar{D}^{*-}$	27961	1	35330
27963	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^-K^0D^+D^{*+}\bar{D}^{*0}$	27962	1	35331
27964	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-D^-$	27963	1	35332
27965	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*0}D_s^+$	27964	1	35333
27966	$e^+e^- \to \rho^0\rho^-\eta K^0K^{*-}D^{*+}D_1'^+\gamma$	27965	1	35334
27967	$e^+e^- \to \eta K^0K^{*-}D^+D^0n\bar{n}\gamma$	27966	1	35335
27968	$e^+e^- \to \pi^-\omega D^+D^-D_s^+$	27967	1	35336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
27969	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0\bar{K}^*K^+K^{*-}D^-D^{*0}$	27968	1	35337
27970	$e^+e^- \to e^+\nu_e\pi^+K^-\eta' D_2^{*-}D^0$	27969	1	35338
27971	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^0D^{*+}\bar{D}^0$	27970	1	35339
27972	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	27971	1	35340
27973	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^*\bar{K}^*\bar{D}^0D_s^+$	27972	1	35341
27974	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0D^{*+}D_0^{*-}$	27973	1	35342
27975	$e^+e^- \to e^+\nu_e\rho^0\rho^-\eta D^{*+}\bar{D}^{*-}$	27974	1	35343
27976	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+K^{*-}D^-\eta_c$	27975	1	35344
27977	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	27976	1	35345
27978	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^{*+}D^+D_s^-$	27977	1	35346
27979	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\bar{D}^{*-}\Delta^+\bar{\Sigma}_c^{*0}$	27978	1	35347
27980	$e^+e^- \to \pi^+\rho^+\rho^-\omega D^+\bar{D}^{*-}D_s^{*-}$	27979	1	35348
27981	$e^+e^- \to e^+\nu_e\pi^0D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	661	1	35349
27982	$e^+e^- \to e^-\bar{\nu}_e\rho^0\bar{K}^0D^+D^0\bar{D}^0$	27981	1	35350
27983	$e^+e^- \to \pi^-K^0\bar{K}^0K^+D^+D_s^-\gamma$	27982	1	35351
27984	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+D^{*+}\eta_c$	27983	1	35352
27985	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^*D^{*+}\eta_c$	27984	1	35353
27986	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\bar{D}^{*-}D^{*0}$	27985	1	35354
27987	$e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}D^-D^{*+}\bar{D}^{*-}$	27986	1	35355
27988	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^*K^{*+}D^-\bar{D}^{*-}D^{*0}$	27987	1	35356
27989	$e^+e^- \to \rho^0\rho^+\rho^-D^+D^-$	27988	1	35357
27990	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\bar{D}^{*-}D^0n\bar{p}$	27989	1	35358
27991	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^+D^0\bar{D}^0$	27990	1	35359
27992	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^*K^{*+}K^{*-}D^{*+}\bar{D}^0$	27991	1	35360
27993	$e^+e^- \to \mu^+\nu_\mu\pi^+\rho^-\eta\bar{D}^{*-}$	27992	1	35361
27994	$e^+e^- \to \rho^0\eta K^-K^{*-}D^+\bar{D}^0\bar{n}p$	27993	1	35362
27995	$e^+e^- \to \pi^-K^+K^-D^-D^{*+}D_{s0}^{*+}$	27994	1	35363
27996	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{n}$	27995	1	35364
27997	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega K^+K^{*-}D^-D_s^+$	27996	1	35365
27998	$e^+e^- \to e^-\bar{\nu}_e\omega K^0D^{*+}D^{*+}\bar{D}^{*-}$	27997	1	35366
27999	$e^+e^- \to \mu^+\nu_\mu\pi^0K^0\bar{K}^0D^+D^-D_s^-$	27998	1	35367
28000	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\eta_c$	27999	1	35368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28001	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+ D^{*+}\Lambda\bar{\Sigma}_c^-$	28000	1	35369
28002	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0 K^- D^{*0} J/\psi$	28001	1	35370
28003	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^0 K^- D^- D^{*+}$	28002	1	35371
28004	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+ D^{*+}\bar{D}^0$	28003	1	35372
28005	$e^+e^- \to e^-\bar{\nu}_e\pi^+\bar{K}^0 K^+ K^{*-} D^+\bar{D}^{*-}$	28004	1	35373
28006	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+ D^-$	28005	1	35374
28007	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^0 K^* D^{*+}\bar{D}^{*-}$	28006	1	35375
28008	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^- D^{*+}\bar{D}^{*0} D_s^+$	28007	1	35376
28009	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\pi^-\omega D^+\bar{D}^0$	28008	1	35377
28010	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^- D^- D_s^{*+} p\bar{\Lambda}_c^-$	28009	1	35378
28011	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+ K^- D^+ D^-$	28010	1	35379
28012	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^- K^*\bar{D}^0 D_1'^-$	28011	1	35380
28013	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^- K^+ K^- D^- D^{*+} D_s^-\gamma$	28012	1	35381
28014	$e^+e^- \to \pi^+\pi^+\rho^-\eta' D^-\bar{D}^{*-}\bar{n}p$	28013	1	35382
28015	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\eta' D^- J/\psi$	28014	1	35383
28016	$e^+e^- \to \bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^0\Sigma^0\bar{\Sigma}^{*0}$	28015	1	35384
28017	$e^+e^- \to \mu^+\nu_\mu\pi^+ K^- D^- D^{*+}\bar{D}^{*-}$	28016	1	35385
28018	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta K^+ K^- D^+\bar{D}^{*-}$	28017	1	35386
28019	$e^+e^- \to \pi^+\omega\bar{K}^0 K^* K^* D^{*+}\bar{D}^{*-} D_s^-$	28018	1	35387
28020	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\eta\omega D^+\bar{D}^{*-}$	28019	1	35388
28021	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\eta\bar{D}^{*-}\bar{D}^{*-}$	28020	1	35389
28022	$e^+e^- \to \pi^+\pi^- K^- K^{*+} D^- D^{*+} D_s^{*+} D_s^{*-}$	28021	1	35390
28023	$e^+e^- \to \pi^0\rho^+\rho^- K^0\bar{K}^0 D^+ D^- n\bar{n}$	28022	1	35391
28024	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^- K^- D^{*+} D^{*+}$	28023	1	35392
28025	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega K^- D^- D^{*+}\bar{D}^{*0}$	28024	1	35393
28026	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^* D^+ J/\psi$	28025	1	35394
28027	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\omega\bar{K}^* K^+ D^+ D^-$	28026	1	35395
28028	$e^+e^- \to \rho^0\rho^+\rho^-\eta\omega\omega D^+\bar{D}^{*-}$	28027	1	35396
28029	$e^+e^- \to \pi^0\rho^- K^* D^+\bar{D}^0 D^{*0}$	28028	1	35397
28030	$e^+e^- \to \rho^0\pi^+\eta K^0 D^+\bar{D}^{*-}\bar{D}^{*-}$	28029	1	35398
28031	$e^+e^- \to \pi^- K^{*+} K^{*-} D^+\bar{D}^{*-} D_s^{*+}$	28030	1	35399
28032	$e^+e^- \to \pi^0 D^{*+}\Delta^0\bar{\Sigma}_c^0 D_{s1}'^-$	28031	1	35400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28033	$e^+e^- \to \mu^+\nu_\mu\omega\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	28032	1	35401
28034	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}\bar{n}\Sigma_c^0$	28033	1	35402
28035	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^*D^+D^-$	28034	1	35403
28036	$e^+e^- \to \pi^+\pi^-\eta D_2^{*+}\bar{D}^{*0}D_s^-p\bar{p}$	28035	1	35404
28037	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^{*+}K^{*-}\phi D^-D^{*0}D_s^+$	28036	1	35405
28038	$e^+e^- \to \rho^+D^{*+}D_s^-D_1^-\gamma$	28037	1	35406
28039	$e^+e^- \to \rho^0\pi^-\rho^+\omega\omega\omega K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	28038	1	35407
28040	$e^+e^- \to \pi^-\rho^+\rho^+\eta\omega\bar{D}^{*-}D^{*0}$	28039	1	35408
28041	$e^+e^- \to \pi^-\pi^-\rho^+K^0K^*\bar{K}^*K^-D^+D^{*+}\bar{D}^0$	28040	1	35409
28042	$e^+e^- \to \rho^0\pi^+\pi^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}p\bar{\Delta}^+$	28041	1	35410
28043	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}D^+D^-\bar{D}^{*0}$	28042	1	35411
28044	$e^+e^- \to \rho^0\rho^+\eta'\bar{D}^{*-}\bar{p}\Xi_c'^+$	28043	1	35412
28045	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0K^+D^-D^{*+}$	28044	1	35413
28046	$e^+e^- \to \pi^-\rho^-\eta K^0\bar{K}^0K^{*+}D^{*+}D^0\bar{D}^0$	28045	1	35414
28047	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\Delta^-\bar{n}$	28046	1	35415
28048	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}D^0$	28047	1	35416
28049	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta'D^+\bar{D}^{*-}$	28048	1	35417
28050	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^{*-}D^+D^-\bar{D}^{*-}$	28049	1	35418
28051	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^0$	28050	1	35419
28052	$e^+e^- \to \pi^+\omega\bar{K}^0\bar{D}^{*-}J/\psi$	28051	1	35420
28053	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\eta\omega D^-D^{*+}$	28052	1	35421
28054	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^+\bar{D}^{*-}n\bar{n}$	28053	1	35422
28055	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	28054	1	35423
28056	$e^+e^- \to \pi^+\pi^-\eta\eta D^+D^-$	28055	1	35424
28057	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega K^0\bar{K}^0K^*D^{*+}p\bar{p}$	28056	1	35425
28058	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0K^{*+}D^{*+}D_s^{*-}$	28057	1	35426
28059	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^-D^-D^{*+}\Sigma^0\bar{\Xi}^+$	28058	1	35427
28060	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^+D^+\bar{D}^{*-}$	28059	1	35428
28061	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta K^0D^+D^-D^0$	28060	1	35429
28062	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+K^0K^+D^{*+}D_s^{*-}$	28061	1	35430
28063	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\eta D^{*+}\bar{D}^{*-}$	28062	1	35431
28064	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^*D^-D^{*0}\bar{D}^{*0}$	28063	1	35432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28065	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\omega\bar{K}^*K^+D^+\bar{D}^0$	2983	1	35433
28066	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-D^+\bar{D}^{*-}$	28065	1	35434
28067	$e^+e^- \to K^0D^+D^-D_2^{*+}D_s^-$	28066	1	35435
28068	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}\Lambda\bar{\Lambda}$	28067	1	35436
28069	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\bar{K}^*K^+D^{*0}\bar{D}^{*0}$	28068	1	35437
28070	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{K}^0D^0\bar{D}^0D^{*0}$	28069	1	35438
28071	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^0\bar{K}^0D^0\bar{D}^{*0}$	28070	1	35439
28072	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^+D^-\bar{n}\Delta^0$	28071	1	35440
28073	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}$	28072	1	35441
28074	$e^+e^- \to e^+\nu_eX_u^-K^0D^-D^{*+}$	28073	1	35442
28075	$e^+e^- \to \pi^0\pi^0K^0K^{*+}\bar{\Delta}^+\Xi_c'^0\chi_{c0}$	28074	1	35443
28076	$e^+e^- \to \pi^0\pi^-K^+D^{*+}D_s^-\bar{n}\Lambda\bar{\Lambda}\Sigma^0$	28075	1	35444
28077	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^0\bar{D}^0D_s^+D_1'^-$	28076	1	35445
28078	$e^+e^- \to \rho^-D^+\bar{D}^{*-}D_{s1}^+$	28077	1	35446
28079	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+D^+D^-$	28078	1	35447
28080	$e^+e^- \to \pi^-K^+D^{*+}\Delta^+\Delta^+\bar{\Delta}^+\bar{\Sigma}_c^{*--}$	28079	1	35448
28081	$e^+e^- \to \rho^0\rho^+\eta\bar{K}^*\eta'D^+D^-\bar{D}^{*-}$	28080	1	35449
28082	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\eta\omega\omega D^+D_2^{*+}$	28081	1	35450
28083	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+\eta\bar{D}^{*-}D_1'^+$	28082	1	35451
28084	$e^+e^- \to e^+\nu_e\pi^0\rho^0\eta\bar{D}^{*-}D^0$	28083	1	35452
28085	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^{*0}$	28084	1	35453
28086	$e^+e^- \to \eta K_SD^-D_s^+\psi'$	28085	1	35454
28087	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^*K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^0$	28086	1	35455
28088	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	28087	1	35456
28089	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+D^-$	28088	1	35457
28090	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^-K^{*+}D^-D^{*+}$	28089	1	35458
28091	$e^+e^- \to e^-\bar{\nu}_e\rho^+K^0D^-D^{*+}D^0$	28090	1	35459
28092	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\bar{K}^0K^+D^+\bar{D}^{*-}\bar{\Sigma}^+\Lambda$	28091	1	35460
28093	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^+$	28092	1	35461
28094	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^-D_1^+$	28093	1	35462
28095	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}D^{*0}p\bar{p}$	28094	1	35463
28096	$e^+e^- \to \pi^+\pi^+\rho^-\rho^-\omega D^-\bar{\Delta}^0\Xi_c^{*+}$	28095	1	35464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28097	$e^+e^- \to \pi^0\pi^0\pi^+K^0\bar{K}^*K^+D^-D^0D^0D_s^-$	28096	1	35465
28098	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^+K^{*-}\bar{D}^{*-}D^{*0}D_s^+$	28097	1	35466
28099	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+K^0D^-D^{*+}$	28098	1	35467
28100	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+\bar{D}^0$	28099	1	35468
28101	$e^+e^- \to \pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}D_{s1}'^-$	28100	1	35469
28102	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta D^-D^{*+}$	28101	1	35470
28103	$e^+e^- \to \pi^0\bar{K}^0\bar{D}^{*-}a_1^+\psi'$	28102	1	35471
28104	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}$	28103	1	35472
28105	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{D}^{*-}p\bar{\Lambda}_c^-$	28104	1	35473
28106	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	28105	1	35474
28107	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*-}$	28106	1	35475
28108	$e^+e^- \to \pi^+\pi^-K^+D^+D^-D_s^{*-}$	28107	1	35476
28109	$e^+e^- \to \rho^0\pi^+\pi^-\omega K^-K^{*+}\eta'D^{*0}\bar{D}^{*0}$	28108	1	35477
28110	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+K^-K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	28109	1	35478
28111	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0D^-\bar{D}^{*-}D^{*0}$	28110	1	35479
28112	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+\bar{D}^{*-}\bar{n}p$	28111	1	35480
28113	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^0D_s^+$	28112	1	35481
28114	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-K^0K^*K^{*-}D^{*+}\bar{D}^0$	28113	1	35482
28115	$e^+e^- \to \pi^+\pi^-\pi^-\phi D^+\bar{D}^{*-}D_s^{*+}$	28114	1	35483
28116	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^*\bar{D}^{*-}\bar{D}^{*0}\bar{n}\Lambda$	28115	1	35484
28117	$e^+e^- \to \pi^-\rho^-\bar{K}^*D^+\bar{D}^0\bar{\Delta}^0\Lambda_c^+$	28116	1	35485
28118	$e^+e^- \to \pi^0\pi^0\rho^-\eta D^-D^{*+}D_s^{*+}$	28117	1	35486
28119	$e^+e^- \to \pi^+\pi^-\rho^-D^+\bar{D}^{*0}\bar{p}\Delta^+$	28118	1	35487
28120	$e^+e^- \to \rho^0D^+D_s^{*+}\Delta^+\bar{\Delta}^{++}D_1'^-$	28119	1	35488
28121	$e^+e^- \to \pi^-\omega\bar{K}^*K^{*+}D^+D^-$	28120	1	35489
28122	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\eta'D^{*+}\bar{D}^0$	28121	1	35490
28123	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^-D^{*+}n\bar{n}$	28122	1	35491
28124	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^+\omega$	28123	1	35492
28125	$e^+e^- \to \pi^0\pi^-K^0K^0\bar{K}^0D^+D^{*+}\bar{D}^0D_s^{*-}$	28124	1	35493
28126	$e^+e^- \to D^-D_s^{*+}D_s^{*+}D_1^-$	28125	1	35494
28127	$e^+e^- \to \mu^+\nu_\mu\pi^0D^-\bar{D}^{*-}D_s^{*+}$	28126	1	35495
28128	$e^+e^- \to e^+\nu_eK^{*-}D^{*+}\bar{D}^0D_0^{*-}$	28127	1	35496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28129	$e^+e^- \to \pi^0\pi^+D^+D^-a_1^-$	28128	1	35497
28130	$e^+e^- \to \pi^+\pi^-K^*K^*K^-D^{*+}J/\psi$	28129	1	35498
28131	$e^+e^- \to \rho^+K^+\bar{D}^{*-}D_2^{*-}D^{*0}$	28130	1	35499
28132	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega\bar{D}^{*-}\bar{\Delta}^0\Lambda_c^+$	28131	1	35500
28133	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^+D^+\bar{D}^{*-}D_s^{*-}$	28132	1	35501
28134	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\bar{K}^0D^-D^{*+}$	28133	1	35502
28135	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\eta\omega D^-D^-$	28134	1	35503
28136	$e^+e^- \to \tau^+\nu_\tau\pi^+\omega K^*D^-\bar{D}^{*-}$	28135	1	35504
28137	$e^+e^- \to \pi^0\pi^+\rho^-\eta D^+D^-$	28136	1	35505
28138	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^-\eta K^{*+}D^-D^{*+}$	28137	1	35506
28139	$e^+e^- \to \eta D^-\bar{D}^{*-}D_s^+D_s^{*+}\gamma$	28138	1	35507
28140	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-K^+D^{*+}D^0\bar{D}^0$	28139	1	35508
28141	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*+}D^-D^{*+}\bar{n}\Lambda$	28140	1	35509
28142	$e^+e^- \to K^*K^*K^-D^+J/\psi n\bar{n}$	28141	1	35510
28143	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\eta\eta\eta D^-D^-$	28142	1	35511
28144	$e^+e^- \to e^+\nu_e\pi^0D^-\bar{D}^{*-}D_s^{*+}$	28143	1	35512
28145	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu D_1^+D_1'^-$	28144	1	35513
28146	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^0D_s^{*-}$	28145	1	35514
28147	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^0D^+D^+D^-$	28146	1	35515
28148	$e^+e^- \to \pi^0\pi^+\pi^-K^0D^-D^{*0}\bar{D}^{*0}D_s^+$	28147	1	35516
28149	$e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+}$	28148	1	35517
28150	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^*\bar{K}^*\bar{D}^{*-}D^{*0}D_s^+$	28149	1	35518
28151	$e^+e^- \to \pi^-\eta K^0\bar{K}^0D^{*+}J/\psi$	28150	1	35519
28152	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-\bar{\Delta}^0\Sigma_c^0$	28151	1	35520
28153	$e^+e^- \to \pi^0\rho^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	28152	1	35521
28154	$e^+e^- \to D^+\bar{D}^{*-}D_{s1}^-a_1^+$	28153	1	35522
28155	$e^+e^- \to \bar{K}^0\bar{K}^*\bar{n}\bar{\Delta}^0\Sigma_c^0\Sigma_c^{*0}$	28154	1	35523
28156	$e^+e^- \to \rho^+K^*\eta'D^-\bar{D}^0D^{*0}$	28155	1	35524
28157	$e^+e^- \to D^-D^{*0}D_s^{*+}\bar{p}\Delta^+$	28156	1	35525
28158	$e^+e^- \to \pi^0\eta\bar{K}^0D^+D^-D^{*+}D_s^{*-}$	28157	1	35526
28159	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^+D^-$	28158	1	35527
28160	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^+K^-D^+D^{*+}$	28159	1	35528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28161	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^+\eta K^- D^+ D^- \bar{D}^{*-}$	28160	1	35529
28162	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+}$	28161	1	35530
28163	$e^+e^- \to \pi^0\rho^+ K^0\bar{K}^0 D^+ D^- \bar{D}^{*-} D^{*0}$	28162	1	35531
28164	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^+ K^- D^+ D^-$	28163	1	35532
28165	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^- D_1^+$	28164	1	35533
28166	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^- K^+ D^{*+} D^{*+}\bar{D}^0$	28165	1	35534
28167	$e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{n}\Xi_c^{\prime 0}$	28166	1	35535
28168	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^+ D^- np\bar{p}\bar{p}$	28167	1	35536
28169	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-} D^0\bar{D}^{*0}$	28168	1	35537
28170	$e^+e^- \to \pi^+\pi^-\rho^+\eta\eta\omega K^+ K^{*-}\bar{D}^{*-} D^{*0}$	28169	1	35538
28171	$e^+e^- \to \rho^+\eta K^+\bar{D}^{*-} D^0 D_s^-$	28170	1	35539
28172	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^- D^{*+}\bar{D}^{*-}$	28171	1	35540
28173	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\bar{K}^0 K^* D^+\bar{D}^{*-}$	28172	1	35541
28174	$e^+e^- \to \pi^+\pi^-\rho^+ K^0\bar{K}^0 K^+ K^- D^+ D^- D_s^-$	28173	1	35542
28175	$e^+e^- \to \bar{K}^* K^{*-} D^{*+} D^{*+}\bar{D}^{*-}\bar{D}^0$	28174	1	35543
28176	$e^+e^- \to \pi^0\pi^+\pi^-\omega\omega D_2^{*+} D^{*0} D_s^-$	28175	1	35544
28177	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+ D^-\bar{n}p$	28176	1	35545
28178	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	28177	1	35546
28179	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*0}p\bar{p}$	28178	1	35547
28180	$e^+e^- \to \tau^-\bar{\nu}_\tau K_S D^+\eta_c$	28179	1	35548
28181	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^0 D^+\bar{D}^0 D^{*0}$	28180	1	35549
28182	$e^+e^- \to \pi^-\rho^+ K^0 K^- D^{*+}\bar{D}^0 J/\psi$	28181	1	35550
28183	$e^+e^- \to \pi^0\bar{K}^0 D^-\bar{\Sigma}^0\Sigma^+\psi'$	28182	1	35551
28184	$e^+e^- \to \pi^+\rho^-\bar{D}^0 D_s^{*-} D_1^{\prime +}$	28183	1	35552
28185	$e^+e^- \to \pi^+\pi^- K^+ K^{*-} K^{*-} D^{*+}\bar{D}^{*-} a_1^+$	28184	1	35553
28186	$e^+e^- \to \pi^-\rho^-\bar{\Delta}^0\Delta^+\bar{\Sigma}_c^{*0}\Xi_c^+$	28185	1	35554
28187	$e^+e^- \to \pi^-\eta\eta\bar{K}^0 K^* D^+ D^{*+}\bar{D}^{*-}\gamma$	28186	1	35555
28188	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+ D^{*+} D_s^- n\bar{\Lambda}$	28187	1	35556
28189	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-}\bar{n}p$	28188	1	35557
28190	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-} a_1^+$	28189	1	35558
28191	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0\bar{D}^0 D^{*0}\bar{n}\Delta^0$	28190	1	35559
28192	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^+ D^- D^{*+} D^0$	28191	1	35560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28193	$e^+e^- \to e^-\bar{\nu}_e\pi^+\Delta^+\bar{\Sigma}_c^{--}D_1^+$	28192	1	35561
28194	$e^+e^- \to D^+D^-D_s^-D_{s1}'^+$	28193	1	35562
28195	$e^+e^- \to \pi^0\rho^0K^-D^-D^{*+}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+$	28194	1	35563
28196	$e^+e^- \to K^0K^{*-}D^+D_s^{*+}D_1'^-$	28195	1	35564
28197	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	28196	1	35565
28198	$e^+e^- \to D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}D_{s1}'^+$	28197	1	35566
28199	$e^+e^- \to \pi^0\bar{K}^0D^{*0}\bar{D}^{*0}\Delta^0\bar{\Sigma}_c^{*0}$	28198	1	35567
28200	$e^+e^- \to \pi^+K_SD^-J/\psi n\bar{n}$	28199	1	35568
28201	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta\eta\eta K^*D^+D_s^-$	28200	1	35569
28202	$e^+e^- \to \pi^-\omega K^0D^{*+}\bar{D}^0D^{*0}$	28201	1	35570
28203	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\eta\omega D^-\bar{D}^{*-}$	28202	1	35571
28204	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^+\bar{D}^{*-}n\bar{n}$	28203	1	35572
28205	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^*D^+D^-\bar{p}\Lambda$	28204	1	35573
28206	$e^+e^- \to \pi^0K^*D^+D^-\Delta^0\bar{\Sigma}_c^{*0}$	28205	1	35574
28207	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	28206	1	35575
28208	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0\bar{K}^0K^+D^-D^{*+}$	28207	1	35576
28209	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+D^-D^-D_{s0}^{*+}$	28208	1	35577
28210	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-D^+D^-$	28209	1	35578
28211	$e^+e^- \to K^0D^+D^{*+}\bar{D}^{*-}D_s^-\gamma$	28210	1	35579
28212	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	28211	1	35580
28213	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta K^-D^{*+}D^{*+}n\bar{n}$	28212	1	35581
28214	$e^+e^- \to D^-D^{*0}\bar{\Sigma}^{*0}\Xi^0a_1^+$	28213	1	35582
28215	$e^+e^- \to D^+\bar{D}^{*0}D_s^-\Delta^+\bar{\Delta}^+$	28214	1	35583
28216	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega K^+D^+D^{*0}$	28215	1	35584
28217	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega\omega\omega D^-\bar{D}^{*-}\bar{n}p$	28216	1	35585
28218	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^+\rho^-K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	28217	1	35586
28219	$e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}D_s^{*-}a_1^+\gamma$	28218	1	35587
28220	$e^+e^- \to \pi^-\eta\eta\bar{K}^0D^{*+}\eta_cn\bar{\Lambda}$	28219	1	35588
28221	$e^+e^- \to \pi^0K_L\omega\bar{K}^*K^+D^-\chi_{c1}$	28220	1	35589
28222	$e^+e^- \to \rho^0\pi^-\eta\omega\eta'D^+\bar{D}^{*-}D_{s1}'^+$	28221	1	35590
28223	$e^+e^- \to \pi^+\eta\eta'\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	28222	1	35591
28224	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^-\bar{D}^{*-}D^0$	28223	1	35592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28225	$e^+e^- \to \pi^0\pi^-K^0\eta' D^{*+}\eta_c$	28224	1	35593
28226	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\rho^-\bar{K}^0\bar{K}^0K^*K^{*+}D^+\bar{D}^{*0}$	28225	1	35594
28227	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\eta D^+D^-$	28226	1	35595
28228	$e^+e^- \to \rho^0K^0K^-D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	28227	1	35596
28229	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+D^+\bar{D}^{*-}\gamma$	28228	1	35597
28230	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^{*+}D^{*+}\bar{D}^{*0}$	28229	1	35598
28231	$e^+e^- \to \pi^0\pi^-K^+D^{*+}D_s^+D_s^-a_1^-\gamma$	28230	1	35599
28232	$e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^{*0}D_s^-$	28231	1	35600
28233	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^*\bar{D}^{*-}D^0\bar{D}^{*0}$	28232	1	35601
28234	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}D_s^{*+}$	28233	1	35602
28235	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^-\omega D^-D^{*+}$	28234	1	35603
28236	$e^+e^- \to \pi^+D^{*+}\bar{D}^{*-}D^0D_s^{*-}$	28235	1	35604
28237	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D^{*+}D_s^+D_s^-$	28236	1	35605
28238	$e^+e^- \to \rho^-K^0K^{*+}K^{*-}D^{*+}D^{*0}\bar{D}^{*0}$	28237	1	35606
28239	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-\bar{D}^{*-}$	28238	1	35607
28240	$e^+e^- \to \pi^0\pi^-\omega K^-K^{*+}D^+D_s^{*+}D_1^-$	28239	1	35608
28241	$e^+e^- \to \pi^0\pi^0\pi^+K^{*+}D^-D^0D^0D_s^{*-}$	28240	1	35609
28242	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega\omega D^+D^-$	28241	1	35610
28243	$e^+e^- \to \rho^0\pi^+\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}n\bar{p}$	28242	1	35611
28244	$e^+e^- \to \rho^+\rho^+K^0K^0K^-D^-D^{*+}\bar{D}^{*-}$	28243	1	35612
28245	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*0}D_s^-$	28244	1	35613
28246	$e^+e^- \to \pi^0\rho^+\rho^-\rho^-\omega D^+D^-D_s^{*+}$	28245	1	35614
28247	$e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^*\bar{D}^{*0}\bar{p}\Delta^+\bar{\Sigma}^+\Xi^{*0}$	28246	1	35615
28248	$e^+e^- \to K^*K^-D^+\bar{D}^{*-}D_s^+$	28247	1	35616
28249	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+}$	28248	1	35617
28250	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^-D^{*+}n\bar{n}$	28249	1	35618
28251	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega\bar{D}^{*-}\bar{n}\Lambda_c^+$	28250	1	35619
28252	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	28251	1	35620
28253	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	28252	1	35621
28254	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\omega K^*D^+$	28253	1	35622
28255	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+}$	28254	1	35623
28256	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\eta\eta K^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	28255	1	35624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28257	$e^+e^- \to \pi^+\pi^-\rho^-\omega\eta' D^+\bar{D}^{*-}a_1^+$	28256	1	35625
28258	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^* D^{*+}\bar{D}^{*-}$	28257	1	35626
28259	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0K^+D^+D^-$	28258	1	35627
28260	$e^+e^- \to \pi^0\bar{K}^0D_2^{*-}\bar{D}^0D^{*0}D_s^+$	28259	1	35628
28261	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D_1^+\gamma$	28260	1	35629
28262	$e^+e^- \to \mu^+\nu_\mu K^0\bar{K}^0\bar{K}^0K^{*+}D^-D_1^-$	28261	1	35630
28263	$e^+e^- \to \pi^0K^0\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	28262	1	35631
28264	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+K^0\bar{K}^*K^{*-}D^0D_1^-$	28263	1	35632
28265	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0D^+D^-D_2^{*+}$	28264	1	35633
28266	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^0\bar{D}^0D_s^{*+}p\bar{p}$	28265	1	35634
28267	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-K^{*+}D^{*+}D^{*0}p\bar{p}$	28266	1	35635
28268	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	28267	1	35636
28269	$e^+e^- \to D^+D_2^{*-}D_s^+D_{s1}'^-$	28268	1	35637
28270	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}D^0$	28269	1	35638
28271	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\eta\omega K^{*-}D^+D_1'^-$	28270	1	35639
28272	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-\omega D^-D_1'^+$	28271	1	35640
28273	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0p\bar{\Sigma}_c^-$	28272	1	35641
28274	$e^+e^- \to \pi^0\rho^+\rho^-D^+\bar{D}^{*-}n\bar{n}$	28273	1	35642
28275	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D^{*+}\bar{D}^0D^{*0}$	28274	1	35643
28276	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-}$	28275	1	35644
28277	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta\omega K^-D^-D^{*+}\bar{D}^0$	28276	1	35645
28278	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\eta\eta\eta D^+D^-$	28277	1	35646
28279	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega\eta'\eta' D^-D^{*+}$	28278	1	35647
28280	$e^+e^- \to e^-\bar{\nu}_e\eta K^0K^+D^{*+}\bar{p}\Lambda$	28279	1	35648
28281	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta' D^+D^-$	28280	1	35649
28282	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}D^0$	28281	1	35650
28283	$e^+e^- \to K_2^{*0}D^-D_s^{*+}J/\psi$	28282	1	35651
28284	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega\omega\omega D^+D^{*+}$	28283	1	35652
28285	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta\eta\omega D^+\bar{D}^{*-}$	28284	1	35653
28286	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^+\pi^-\rho^+D^-$	28285	1	35654
28287	$e^+e^- \to \pi^-\eta' D^-D^{*+}\bar{\Delta}^-\Delta^0$	28286	1	35655
28288	$e^+e^- \to \omega\omega K^-D_2^{*+}D_s^+D_s^-$	28287	1	35656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28289	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	28288	1	35657
28290	$e^+e^- \to \tau^+\nu_\tau\pi^-\rho^-\omega\bar{K}^0K^+D^+D_1^-$	2984	1	35658
28291	$e^+e^- \to \pi^-\eta' D^{*+}D_s^+D_1^-$	28290	1	35659
28292	$e^+e^- \to \pi^0\pi^-\rho^+\omega K^0K^*K^-D^{*+}\bar{D}^0$	28291	1	35660
28293	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\omega D^+D^{*+}D_s^-$	28292	1	35661
28294	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D_2^{*+}D_s^{*-}$	28293	1	35662
28295	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\omega\omega D^-\bar{p}\Lambda_c^+$	28294	1	35663
28296	$e^+e^- \to K_SD^+\eta_ca_1^-\gamma$	28295	1	35664
28297	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	28296	1	35665
28298	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^-D^+D^{*+}\bar{D}^{*0}$	2985	1	35666
28299	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0D^-D^0\bar{D}^0$	28298	1	35667
28300	$e^+e^- \to \pi^-\omega K^+K^-D_s^+\eta_c$	28299	1	35668
28301	$e^+e^- \to \pi^0\pi^-\eta'\bar{D}^0D^{*0}D_s^{*+}$	28300	1	35669
28302	$e^+e^- \to e^-\bar{\nu}_e\pi^0\omega D^{*+}\bar{D}^{*0}n\bar{n}$	28301	1	35670
28303	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_2^{*+}D_1^-$	28302	1	35671
28304	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*0}$	28303	1	35672
28305	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^+D_s^-$	28304	1	35673
28306	$e^+e^- \to \bar{K}^0D^-D_s^{*+}\Lambda_c^+\bar{\Lambda}_c^-$	28305	1	35674
28307	$e^+e^- \to \bar{K}^*K^-D^+D^+D_s^{*-}$	28306	1	35675
28308	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\eta\bar{K}^0D^+D^-$	28307	1	35676
28309	$e^+e^- \to \rho^-\eta K^+D^{*+}\bar{D}^0n\bar{p}$	28308	1	35677
28310	$e^+e^- \to \pi^+\pi^-K^0\bar{K}^0K^*D^+D^-$	28309	1	35678
28311	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D_2^{*+}\Delta^0\bar{\Delta}^0$	2986	1	35679
28312	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-K^0D^+D^0\bar{D}^{*0}$	28311	1	35680
28313	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	28312	1	35681
28314	$e^+e^- \to \rho^0D^{*+}\bar{D}^0D_s^-$	28313	1	35682
28315	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-D_s^-$	28314	1	35683
28316	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0D^{*+}D_s^{*-}$	28315	1	35684
28317	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-}$	28316	1	35685
28318	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-}$	28317	1	35686
28319	$e^+e^- \to \pi^-\rho^+\rho^+K^{*+}K^{*-}D^-D^0\bar{D}^{*0}$	28318	1	35687
28320	$e^+e^- \to \bar{K}^0K^-K^{*+}D^-D^{*+}\bar{D}^{*0}$	28319	1	35688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28321	$e^+e^- \to \pi^- D^{*+} \bar{D}^{*-} D_s^{*+}$	28320	1	35689
28322	$e^+e^- \to \rho^0 \pi^- \omega D^+ \bar{D}^{*-} a_1^+$	28321	1	35690
28323	$e^+e^- \to \mu^+ \nu_\mu K^- D^- \bar{\Delta}^+ \Sigma_c^{++}$	28322	1	35691
28324	$e^+e^- \to \pi^- \rho^+ K^0 \bar{K}^* \bar{D}^0 D_s^+ D_s^-$	28323	1	35692
28325	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \rho^0 \pi^+ \pi^+ \rho^- \bar{D}^{*-} D_1^+$	28324	1	35693
28326	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^+ \bar{D}^{*-} \bar{\Delta}^{++} \Sigma_c^{*+}$	28325	1	35694
28327	$e^+e^- \to \pi^- \eta \omega K^0 D^{*+} D^{*0} \bar{D}^{*0}$	28326	1	35695
28328	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^+ \pi^- \omega K^+ K^- D^+ \bar{D}^{*0}$	28327	1	35696
28329	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^+ \pi^- K^- D^+ \bar{D}^{*-}$	28328	1	35697
28330	$e^+e^- \to \pi^0 \pi^+ \omega \omega K^- D^+ \bar{D}^{*-} \bar{D}^0$	28329	1	35698
28331	$e^+e^- \to e^+ \nu_e \pi^+ \bar{K}^0 K^* D^- D^-$	28330	1	35699
28332	$e^+e^- \to e^+ \nu_e \bar{K}^0 D^{*0} \bar{D}^{*0} D_0^{*-}$	28331	1	35700
28333	$e^+e^- \to \mu^+ \mu^- \nu_\mu \bar{\nu}_\mu \rho^+ \bar{D}^{*-}$	28332	1	35701
28334	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^+ \pi^- D^{*0} \Delta^+ \bar{\Delta}^+ D_1^-$	28333	1	35702
28335	$e^+e^- \to \mu^+ \nu_\mu \pi^- \pi^- \pi^- \rho^+ \rho^+ D^+ \bar{D}^{*-}$	28334	1	35703
28336	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \eta K^{*+} D^{*+} D_s^{*-}$	28335	1	35704
28337	$e^+e^- \to \rho^0 \pi^+ \pi^- \omega D^{*+} \Delta^+ \bar{\Sigma}_c^{--}$	28336	1	35705
28338	$e^+e^- \to \pi^0 \rho^+ K^* K^- D^+ \bar{D}^{*-}$	28337	1	35706
28339	$e^+e^- \to \mu^+ \nu_\mu \pi^+ \rho^- \rho^- K^0 \bar{K}^0 D^{*+} D_0^{*-}$	28338	1	35707
28340	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \pi^0 \pi^0 \pi^- \rho^+ K^0 \eta' D^{*+} \bar{D}^0$	28339	1	35708
28341	$e^+e^- \to \rho^0 \pi^+ \pi^- \bar{K}^0 K^- K^{*+} \eta' D^- D^{*+}$	28340	1	35709
28342	$e^+e^- \to \pi^+ \pi^- \rho^- \rho^- D^+ D^{*+} n \bar{n}$	28341	1	35710
28343	$e^+e^- \to \rho^- \rho^- K^+ D^+ D^{*+} D_s^-$	28342	1	35711
28344	$e^+e^- \to e^+ \nu_e \rho^0 \pi^- \rho^+ \bar{K}^0 \bar{D}^{*-}$	28343	1	35712
28345	$e^+e^- \to \rho^0 \pi^- D^- D^{*+} D_s^{*+}$	28344	1	35713
28346	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \pi^- K^* D^{*+} D^{*+} \bar{D}^{*-}$	28345	1	35714
28347	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \rho^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ \omega D^+ D^-$	28346	1	35715
28348	$e^+e^- \to e^- \bar{\nu}_e D^{*+} D_s^+ D_1'^-$	28347	1	35716
28349	$e^+e^- \to \mu^+ \nu_\mu \tau^- \bar{\nu}_\tau \pi^0 \pi^- D^+ \bar{D}^{*0}$	28348	1	35717
28350	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^- \bar{K}^0 K^+ D^{*+} D^0 D_s^{*-}$	28349	1	35718
28351	$e^+e^- \to e^+ \nu_e \rho^0 \rho^0 \bar{D}^{*-} D^0$	28350	1	35719
28352	$e^+e^- \to \pi^0 K^{*-} D^+ \bar{D}^{*0} \Delta^0 \bar{\Sigma}_c^{*0}$	28351	1	35720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28353	$e^+e^- \to \pi^-\rho^-K^+K^{*+}K^{*-}D^+\bar{D}^{*0}$	28352	1	35721
28354	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\rho^+D^-D_0^{*+}$	28353	1	35722
28355	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+D^-D_2^{*-}$	28354	1	35723
28356	$e^+e^- \to \omega\bar{D}^{*-}D_s^+\bar{p}\Lambda_c^+$	28355	1	35724
28357	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\eta\omega D^+D^+$	28356	1	35725
28358	$e^+e^- \to \rho^0\rho^+\bar{K}^*\bar{D}^{*-}J/\psi$	28357	1	35726
28359	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-K^0K^{*-}D^{*+}\bar{D}^{*-}$	28358	1	35727
28360	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega D^+D^-D_s^-$	28359	1	35728
28361	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^*K^{*+}D^+D^-$	2987	1	35729
28362	$e^+e^- \to \tau^-\bar{\nu}_\tau K_L D_0^{*+}\chi_{c0}$	28361	1	35730
28363	$e^+e^- \to D^+D^{*+}n\bar{p}a_1^-$	28362	1	35731
28364	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^-\eta D^+D^{*+}$	28363	1	35732
28365	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^0\bar{D}^{*0}D_1^+$	28364	1	35733
28366	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\bar{K}^*D_2^{*+}$	28365	1	35734
28367	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^*D^+D^-\bar{D}^{*0}$	28366	1	35735
28368	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\bar{K}^*K^-K^-\bar{D}^0D_s^{*+}$	28367	1	35736
28369	$e^+e^- \to \rho^0\rho^+D^{*+}\Sigma^0\bar{\Sigma}^-D_1'^-$	28368	1	35737
28370	$e^+e^- \to \pi^+\pi^+\eta\bar{K}^0D^-D^-D^0$	28369	1	35738
28371	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega\omega\omega D^+D^-$	662	1	35739
28372	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+\bar{D}^{*-}D^{*0}D_1'^+$	28371	1	35740
28373	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D_{s1}'^+$	28372	1	35741
28374	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^-D^+D^-p\bar{p}$	28373	1	35742
28375	$e^+e^- \to \bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	28374	1	35743
28376	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-K^0D^+\bar{D}^{*0}$	28375	1	35744
28377	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\omega D^+p\bar{\Xi}_c'^-$	28376	1	35745
28378	$e^+e^- \to \pi^+\pi^+K^-\bar{D}^{*-}D^0\bar{D}^{*0}$	28377	1	35746
28379	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	28378	1	35747
28380	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+D^0\bar{D}^0\bar{D}^{*0}$	28379	1	35748
28381	$e^+e^- \to \pi^0\rho^0\rho^+\rho^+\omega D^-\bar{\Sigma}^0\Xi^-$	28380	1	35749
28382	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\omega K^0K^-D^+D_1^-$	28381	1	35750
28383	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*-}$	28382	1	35751
28384	$e^+e^- \to \pi^0\rho^0\rho^+D^-\bar{D}^{*-}D_s^{*+}$	28383	1	35752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28385	$e^+e^- \to \pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-$	28384	1	35753
28386	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^-\eta D^+D^{*+}$	28385	1	35754
28387	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-D^{*+}D_s^-$	28386	1	35755
28388	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	28387	1	35756
28389	$e^+e^- \to \tau^+\nu_\tau\pi^+K^{*-}D^-D^0\bar{D}^{*0}$	28388	1	35757
28390	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+D^{*+}\bar{D}^{*-}$	28389	1	35758
28391	$e^+e^- \to \omega K^*D^{*+}D_s^{*-}n\bar{n}$	28390	1	35759
28392	$e^+e^- \to \pi^+\eta\omega\omega D^-D_s^-D_1^+$	28391	1	35760
28393	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^-\omega D^+D_1'^-$	28392	1	35761
28394	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*-}$	28393	1	35762
28395	$e^+e^- \to e^+\nu_e\pi^+\eta\bar{K}^*n\bar{\Delta}^+D_1^-$	28394	1	35763
28396	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+D^-D^{*+}D_{s1}'^-$	28395	1	35764
28397	$e^+e^- \to e^+\nu_e\pi^-\rho^+\eta K^0K^-D^{*+}\bar{D}^{*-}$	28396	1	35765
28398	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\eta\eta\omega\omega D^+\bar{D}^{*-}$	28397	1	35766
28399	$e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	28398	1	35767
28400	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*0}$	28399	1	35768
28401	$e^+e^- \to \tau^+\nu_\tau\pi^+\omega\omega K^+K^-D^-\bar{D}^{*-}$	28400	1	35769
28402	$e^+e^- \to \bar{K}^0\bar{K}^0D^{*0}\bar{D}^{*0}\Delta^0\bar{\Xi}_c^0$	28401	1	35770
28403	$e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\eta K^0K^-D^{*+}\bar{D}^{*-}$	2989	1	35771
28404	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-D^+D^-$	28403	1	35772
28405	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0K^*\bar{K}^*K^+K^-K^-D^+\bar{D}^0$	28404	1	35773
28406	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}D^{*+}D_s^-$	28405	1	35774
28407	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	28406	1	35775
28408	$e^+e^- \to e^+\nu_e\pi^+\eta\bar{D}^{*-}\Delta^0\bar{\Xi}_c^{*-}$	28407	1	35776
28409	$e^+e^- \to \pi^+\rho^+\rho^-\eta K^-\bar{D}^{*0}\bar{D}^{*0}\bar{n}\Delta^0$	28408	1	35777
28410	$e^+e^- \to \rho^+\bar{K}^0\bar{D}^{*-}D_s^{*+}D_s^{*-}$	28409	1	35778
28411	$e^+e^- \to \pi^0\omega\bar{D}^{*-}D^0D_s^{*+}$	28410	1	35779
28412	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^{*-}$	28411	1	35780
28413	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^-D^+\bar{D}^{*-}D^0$	28412	1	35781
28414	$e^+e^- \to \pi^+\rho^+\rho^-K^0D^0D_s^-\Delta^+\bar{\Delta}^+$	28413	1	35782
28415	$e^+e^- \to \bar{K}^*D^+D^-\bar{D}^{*0}\bar{n}\Delta^0$	28414	1	35783
28416	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	28415	1	35784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28417	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta D^+D_1^+$	28416	1	35785
28418	$e^+e^- \to \pi^+\eta\omega\omega K^0\bar{K}^0D^-D^{*0}\bar{p}\Delta^+$	28417	1	35786
28419	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^-\bar{D}^{*-}D_s^{*+}$	28418	1	35787
28420	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\pi^-\rho^-\omega K^+D^+D^{*+}\bar{D}^{*0}$	28419	1	35788
28421	$e^+e^- \to e^-\bar{\nu}_e\pi^0D_2^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	28420	1	35789
28422	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\rho^+\eta D^{*+}\bar{D}^{*-}$	28421	1	35790
28423	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^+\Delta^+\bar{\Sigma}_c^{--}$	28422	1	35791
28424	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	28423	1	35792
28425	$e^+e^- \to e^+\nu_e\pi^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	28424	1	35793
28426	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\eta'D^+\bar{D}^{*-}$	28425	1	35794
28427	$e^+e^- \to \pi^+\pi^+\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^-$	28426	1	35795
28428	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*n\bar{\Sigma}_c^0$	28427	1	35796
28429	$e^+e^- \to \rho^-\rho^-\omega D^+D_2^{*+}$	28428	1	35797
28430	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^{*+}D_2^{*-}$	28429	1	35798
28431	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^+K^{*-}D^-D^{*0}$	28430	1	35799
28432	$e^+e^- \to \mu^+\nu_\mu\pi^0\bar{K}^0D^{*0}\bar{D}^{*0}D_1'^-$	28431	1	35800
28433	$e^+e^- \to \rho^0\pi^+\eta\eta\omega\bar{K}^*D^-D_s^+D_s^{*-}$	28432	1	35801
28434	$e^+e^- \to e^+\nu_eK^0\bar{K}^0D^-D^{*+}D_s^{*-}$	28433	1	35802
28435	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-\bar{D}^{*0}$	28434	1	35803
28436	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+D^+\bar{D}^{*-}$	28435	1	35804
28437	$e^+e^- \to \pi^0\pi^+\eta K^0K^0K^{*-}D^{*+}D_s^-$	28436	1	35805
28438	$e^+e^- \to \pi^0\pi^0\pi^-K^*K^+K^-D^+D^{*+}\bar{D}^{*-}$	28437	1	35806
28439	$e^+e^- \to \pi^+K^0D^{*+}\bar{D}^{*-}D^0\Delta^-\bar{n}$	28438	1	35807
28440	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-\rho^-D^{*+}$	28439	1	35808
28441	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^+K^{*-}\bar{D}^{*-}D^0$	28440	1	35809
28442	$e^+e^- \to \pi^0\rho^0\rho^-\omega\bar{K}^0K^{*+}D^-D^{*+}$	28441	1	35810
28443	$e^+e^- \to \pi^0\rho^0\pi^-K^0\bar{K}^0K^-D^+\bar{\Delta}^+\Sigma_c^{++}$	28442	1	35811
28444	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\rho^-D^-D^{*+}$	28443	1	35812
28445	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^{*0}D_{s0}^{*-}$	28444	1	35813
28446	$e^+e^- \to \pi^+\omega\bar{D}^{*-}D^0D_s^-D_s^{*+}$	28445	1	35814
28447	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\bar{K}^0D^-D^-D^{*0}$	28446	1	35815
28448	$e^+e^- \to \mu^+\nu_\mu\rho^-D^+\bar{D}^{*-}\gamma\gamma$	28447	1	35816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28449	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^- D^{*+} D_0^{*+}$	28448	1	35817
28450	$e^+e^- \to \pi^0\pi^-\pi^-\eta\eta\omega D^+ D^+$	28449	1	35818
28451	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+ D^- D^-$	28450	1	35819
28452	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^- D^{*+} D_2^{*+}$	28451	1	35820
28453	$e^+e^- \to \rho^0\pi^-\eta D^- D^{*+} D_s^+$	28452	1	35821
28454	$e^+e^- \to \pi^0\pi^0 K^0 \bar{D}^{*-} \bar{D}^{*0} D_s^{*+}$	28453	1	35822
28455	$e^+e^- \to \pi^+\pi^+\pi^- D^{*+} \bar{D}^{*-} D_s^- \Delta^0 \bar{\Delta}^0\gamma$	28454	1	35823
28456	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{D}^{*-} D^{*0}$	28455	1	35824
28457	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*0}$	663	1	35825
28458	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\omega\omega\bar{D}^{*-} D^{*0}$	28457	1	35826
28459	$e^+e^- \to \pi^+\pi^- K^0 K^{*-} D^+ \bar{D}^{*0}\chi_{c0}$	28458	1	35827
28460	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\rho^0\pi^+ D^- D^{*+}$	28459	1	35828
28461	$e^+e^- \to \pi^0 J/\psi\Delta^+\bar{\Sigma}_c^{*-}\bar{K}_1^0$	28460	1	35829
28462	$e^+e^- \to \omega K^0 D^{*+} J/\psi a_1^-$	2991	1	35830
28463	$e^+e^- \to \pi^+\bar{D}^{*-}\bar{\Delta}^- n\bar{\Delta}^+\Sigma_c^{*0}$	28462	1	35831
28464	$e^+e^- \to e^-\bar{\nu}_e\pi^+ K^* D^+ D^- D^0$	28463	1	35832
28465	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^+ p\bar{\Lambda}_c^-$	28464	1	35833
28466	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\eta\eta K^0 D^+ D^- D_s^-$	28465	1	35834
28467	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	28466	1	35835
28468	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^{*-} D^-\eta_c$	28467	1	35836
28469	$e^+e^- \to \pi^+\pi^- D^+ D_2^{*-} D_s^+ D_s^{*-}$	28468	1	35837
28470	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^+ K^{*-}\phi\phi\bar{\Delta}^+\Sigma_c^{++}$	2992	1	35838
28471	$e^+e^- \to e^-\bar{\nu}_e\rho^- D^+ p\bar{\Sigma}_c^0$	2993	1	35839
28472	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\bar{D}^{*-} D^0 D_s^{*-}$	28471	1	35840
28473	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^0 D^{*0} D_s^+$	28472	1	35841
28474	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- D^+ D_2^{*-} D_s^{*+}$	28473	1	35842
28475	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0} D_1'^+$	28474	1	35843
28476	$e^+e^- \to e^+\nu_e D^+\bar{D}^{*-} a_1^-\gamma$	28475	1	35844
28477	$e^+e^- \to K^+ D^- D^{*+} D^{*0}\Delta^-\bar{\Delta}^0$	28476	1	35845
28478	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0 K^0 D^{*+} J/\psi$	28477	1	35846
28479	$e^+e^- \to e^+\nu_e\omega K^+ D^-\bar{D}^{*-}$	28478	1	35847
28480	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^- K^0\bar{D}^{*-}\bar{D}^0 D^{*0}$	28479	1	35848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28481	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega K^0 K^{*-} D^{*+}\bar{D}^{*-}$	28480	1	35849
28482	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+ K^0 K^- D^{*+}\bar{D}^{*-}$	28481	1	35850
28483	$e^+e^- \to \pi^0\pi^0\rho^0\omega\omega\bar{K}^0 K^+ D^+ D^-\bar{D}^{*-}$	28482	1	35851
28484	$e^+e^- \to \rho^0\rho^0\pi^+\omega K^0 K^- D^{*+}\bar{D}^{*-}$	28483	1	35852
28485	$e^+e^- \to D^- D^0 D_s^+ n\bar{\Delta}^0$	28484	1	35853
28486	$e^+e^- \to \rho^-\rho^-\eta\eta\omega K^+ K^- D^+ D^+$	28485	1	35854
28487	$e^+e^- \to e^+\nu_e\rho^0\pi^-\rho^+\rho^- D^- D^{*+}$	28486	1	35855
28488	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-} D^0\bar{D}^0$	28487	1	35856
28489	$e^+e^- \to \rho^0\omega K^{*+} D^- D^{*0}\bar{\Sigma}^-\Xi_c^+$	28488	1	35857
28490	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^+ K^0\bar{K}^0 D^- D^{*+}$	28489	1	35858
28491	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\eta\omega D^+ D^+$	28490	1	35859
28492	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{\Delta}^0\Delta^+ D_1'^+$	28491	1	35860
28493	$e^+e^- \to \pi^+\rho^+\eta K^-\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	28492	1	35861
28494	$e^+e^- \to \pi^+\pi^+\pi^-\pi^- D^+ D^{*0}\Delta^0\bar{\Delta}^+$	28493	1	35862
28495	$e^+e^- \to \rho^+\eta'\bar{D}^{*-} D^{*0}$	28494	1	35863
28496	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ D^- D^{*+}\gamma$	28495	1	35864
28497	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0\bar{D}^{*-}\eta_c$	28496	1	35865
28498	$e^+e^- \to \pi^-\omega\omega K^0 D^+ D^{*+}\bar{D}^{*-}$	28497	1	35866
28499	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta' D^+ D^-$	28498	1	35867
28500	$e^+e^- \to \mu^+\nu_\mu\eta D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0$	664	1	35868
28501	$e^+e^- \to \pi^0\pi^0\rho^- K^0 D^+ D^- D^{*+}\Delta^{++}\bar{\Delta}^{++}$	28500	1	35869
28502	$e^+e^- \to e^-\bar{\nu}_e\pi^+ D^- D^{*+}\Sigma^+\bar{\Sigma}^-$	28501	1	35870
28503	$e^+e^- \to \pi^+\pi^- K^0 D^{*+} D^0\bar{D}^{*0} D_s^-$	28502	1	35871
28504	$e^+e^- \to \pi^-\rho^-\omega\phi D^{*+} D_s^+$	28503	1	35872
28505	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^- D^{*+}$	28504	1	35873
28506	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega K^+ D^- D^-$	28505	1	35874
28507	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\eta\eta\omega\eta' D^- D^{*+}$	28506	1	35875
28508	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0 K^+ D^{*+}\bar{D}^{*-} D_{s1}'^-$	28507	1	35876
28509	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+ D^+ D_2^{*-}$	28508	1	35877
28510	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega D^+\bar{D}^{*-} n\bar{n}$	28509	1	35878
28511	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0 K^+ D^+ D^-$	28510	1	35879
28512	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\omega K^* K^- D^- D_s^+ D_s^{*-}$	28511	1	35880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28513	$e^+e^- \to \pi^0 D^+ \bar{D}^{*-} D_s^{*+} D_s^{*-}$	28512	1	35881
28514	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega K^0 K^* K^- D^-$	28513	1	35882
28515	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{K}^0\bar{D}^{*-}D^0$	28514	1	35883
28516	$e^+e^- \to \pi^0\rho^+\bar{K}^* K^+\bar{D}^{*-}\bar{D}^{*-}$	28515	1	35884
28517	$e^+e^- \to \pi^-\pi^-\omega\bar{K}^0\bar{K}^0 K^+ K^{*+}\phi D^+ D^-$	28516	1	35885
28518	$e^+e^- \to \rho^0\rho^0\pi^-\eta\eta\bar{K}^0 K^{*+}\phi D^+\bar{D}^{*-}$	665	1	35886
28519	$e^+e^- \to \mu^+\nu_\mu\omega K^0 K^- D^+\bar{D}^{*-}$	28518	1	35887
28520	$e^+e^- \to K^0\bar{K}^0 D^-\bar{D}^{*-} D_s^+\Sigma^{*0}\bar{\Xi}^+$	28519	1	35888
28521	$e^+e^- \to \pi^-\bar{K}^* D^- D_s^+ D_s^{*+} n\bar{n}$	28520	1	35889
28522	$e^+e^- \to e^-\bar{\nu}_e X_u^+\pi^+\eta\omega\bar{D}^{*-}$	28521	1	35890
28523	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}\bar{D}^{*-} D_{s1}'^+$	28522	1	35891
28524	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\bar{K}^0 D^- D_s^+ D_s^+$	28523	1	35892
28525	$e^+e^- \to e^+\nu_e X_u^-\pi^- K^+ K^- D^+$	28524	1	35893
28526	$e^+e^- \to \omega K^* D^+ D^{*+}\bar{D}^{*-} n\bar{p}$	28525	1	35894
28527	$e^+e^- \to \rho^0 D^{*+} n\bar{\Sigma}_c^{*0} D_{s0}^{*-}$	28526	1	35895
28528	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- D^+ D_2^{*-} D_s^+$	28527	1	35896
28529	$e^+e^- \to K^+\bar{D}^{*-} D^{*0} D_s^{*-} D_1^+$	28528	1	35897
28530	$e^+e^- \to \rho^- K^0 K^0\bar{K}^0 K^- D^{*+} D^{*+}$	28529	1	35898
28531	$e^+e^- \to \pi^-\omega K^+ K^- D^+ D^-\bar{n}\Delta^+$	28530	1	35899
28532	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta\omega\eta' D^+ D^-$	28531	1	35900
28533	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^- D^+ D_1^-$	28532	1	35901
28534	$e^+e^- \to e^+\nu_e X_u^- K^- D^{*+}\bar{D}^{*0}$	28533	1	35902
28535	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^- D^{*+} D^{*+} D_s^-$	28534	1	35903
28536	$e^+e^- \to \pi^0\pi^-\eta\omega\omega K^* D^+ D^+\bar{D}^{*-}$	28535	1	35904
28537	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-\rho^+\rho^+ K^0\bar{K}^0 D^+\bar{D}^{*-}$	28536	1	35905
28538	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^+\rho^-\eta D^- D^{*0}$	28537	1	35906
28539	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega K^*\bar{K}^* D^{*+}\bar{D}^{*-}$	28538	1	35907
28540	$e^+e^- \to e^-\bar{\nu}_e K^+ D^{*+}\Lambda\bar{\Sigma}_c^-$	28539	1	35908
28541	$e^+e^- \to \pi^+\omega\bar{K}^*\eta' D^- D^{*+}\bar{D}^{*-}$	28540	1	35909
28542	$e^+e^- \to \pi^0 K^- D^+ D^+\bar{D}^0 D_s^{*-}$	28541	1	35910
28543	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^0 D^-\bar{D}^0\bar{\Delta}^-\Delta^0$	28542	1	35911
28544	$e^+e^- \to \pi^+\omega K_2^{*0} D^- J/\psi$	28543	1	35912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28545	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\eta\omega D^{*+}\bar{D}^0$	28544	1	35913
28546	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^+\rho^-\bar{K}^*K^+\bar{D}^{*-}$	28545	1	35914
28547	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-D^+\bar{p}\Delta^+D_1'^-$	28546	1	35915
28548	$e^+e^- \to \pi^-K^+K^+D^+D^-\bar{D}^{*-}D^{*0}$	28547	1	35916
28549	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta K^-D^+D^-D^{*+}$	28548	1	35917
28550	$e^+e^- \to K^0K^*K^-D^{*+}\psi'$	28549	1	35918
28551	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	28550	1	35919
28552	$e^+e^- \to e^+\nu_e\rho^0\rho^-D^+\bar{D}^{*-}\gamma$	28551	1	35920
28553	$e^+e^- \to \rho^-D_s^-p\bar{\Sigma}_c^0D_1'^+$	28552	1	35921
28554	$e^+e^- \to \pi^-\pi^-\bar{K}^0K^*D^+\bar{D}^0D_s^+$	28553	1	35922
28555	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega D^0\bar{D}^0\Delta^+\bar{\Delta}^+$	28554	1	35923
28556	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*+}$	28555	1	35924
28557	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{D}^{*-}D_2^{*+}D_s^{*-}$	28556	1	35925
28558	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K_SD^{*+}\psi'$	28557	1	35926
28559	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta K^*K^-D^+D^-\bar{\Delta}^-\Delta^0$	28558	1	35927
28560	$e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+\eta'D^{*+}D_2^{*-}$	28559	1	35928
28561	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^0p$	28560	1	35929
28562	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\bar{D}^{*-}$	28561	1	35930
28563	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\rho^0\pi^+D^-\bar{D}^{*-}$	28562	1	35931
28564	$e^+e^- \to K_L\pi^-K^0\bar{K}^*D^+\chi_{c1}$	28563	1	35932
28565	$e^+e^- \to \pi^0\eta K^0K^-\phi D^{*+}\bar{D}^{*-}D_{s0}^{*+}$	28564	1	35933
28566	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta D^0\bar{D}^0\bar{D}^{*0}$	28565	1	35934
28567	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\bar{K}^0D^-D^{*+}D_0^{*-}$	28566	1	35935
28568	$e^+e^- \to \pi^-\rho^-K^0\bar{K}^0\bar{K}^0\bar{K}^*K^{*+}K^{*+}D^+D^-$	28567	1	35936
28569	$e^+e^- \to \pi^0\pi^-K^-K^{*+}D^+D^-D_s^+$	28568	1	35937
28570	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\bar{D}^{*-}D^{*0}$	28569	1	35938
28571	$e^+e^- \to \rho^0\rho^-\omega\bar{K}^0D^+\bar{D}^{*-}D_{s1}^+$	28570	1	35939
28572	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega\omega D^-D^{*+}$	28571	1	35940
28573	$e^+e^- \to \pi^0\bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^-$	28572	1	35941
28574	$e^+e^- \to \pi^0\rho^+\eta\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	28573	1	35942
28575	$e^+e^- \to \rho^0\pi^+\rho^-K^0K^{*-}D^+\bar{D}^{*0}$	28574	1	35943
28576	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-D^{*+}D_0^{*-}$	28575	1	35944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28577	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^+\bar{D}^{*-}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^0$	28576	1	35945
28578	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^+K^+K^{*-}D^+\bar{D}^{*-}$	28577	1	35946
28579	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\pi^- D^{*+}\bar{D}^{*-}p\bar{p}$	28578	1	35947
28580	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\rho^+\omega D^+D^-$	28579	1	35948
28581	$e^+e^- \to \pi^+\omega\bar{K}^*K^{*+}K^{*-}D^+D^-\bar{D}^{*-}$	28580	1	35949
28582	$e^+e^- \to \rho^0\rho^- D^{*+}D_2^{*+}D_s^-$	28581	1	35950
28583	$e^+e^- \to e^-\bar{\nu}_e\rho^-\omega D^{*+}D_2^{*+}$	28582	1	35951
28584	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta K^0D^{*+}\bar{D}^0$	28583	1	35952
28585	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}D_s^+D_1^-$	28584	1	35953
28586	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\omega\omega D^+D^-$	28585	1	35954
28587	$e^+e^- \to \pi^0\pi^-\rho^+K^-\phi D^+D^-D_s^+p\bar{p}$	28586	1	35955
28588	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta K^-D^+\bar{D}^{*-}$	28587	1	35956
28589	$e^+e^- \to \pi^+\pi^-K^*D^-D^{*+}\bar{D}^{*-}D_s^+$	28588	1	35957
28590	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*D^-D^0\bar{D}^0$	28589	1	35958
28591	$e^+e^- \to \pi^+\rho^+\rho^-\omega\bar{K}^0D^+D^-\bar{D}^{*-}$	28590	1	35959
28592	$e^+e^- \to e^+\nu_eX_u^-\pi^0\pi^0\pi^+\eta D^+\Delta^-\bar{p}$	28591	1	35960
28593	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D^0$	28592	1	35961
28594	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\rho^-D^+$	28593	1	35962
28595	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^*K^+D^-D^{*+}$	28594	1	35963
28596	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\eta\eta\eta K^0\bar{D}^{*-}D_s^{*-}$	28595	1	35964
28597	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{D}^{*-}$	28596	1	35965
28598	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D_1'^+$	28597	1	35966
28599	$e^+e^- \to \rho^+K^0\bar{K}^*n\bar{\Delta}^0\bar{p}\Sigma_c^0$	28598	1	35967
28600	$e^+e^- \to \pi^+\pi^-\rho^+\eta K^0D^+D^-n\bar{p}$	28599	1	35968
28601	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^0\pi^0D^-D^{*+}$	28600	1	35969
28602	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+\bar{D}^0$	28601	1	35970
28603	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	28602	1	35971
28604	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	28603	1	35972
28605	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{n}\Lambda D_{s1}'^+$	28604	1	35973
28606	$e^+e^- \to \pi^+K^-K^{*+}D^-\bar{D}^{*-}D_s^{*+}$	28605	1	35974
28607	$e^+e^- \to \pi^-K^+D^{*+}D^{*0}a_1^-$	28606	1	35975
28608	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	28607	1	35976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28609	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^*K^-D^+\bar{D}^{*-}$	28608	1	35977
28610	$e^+e^- \to \pi^-\rho^+\rho^+\rho^-\omega D^+D^-$	28609	1	35978
28611	$e^+e^- \to \pi^0\pi^0\pi^0\omega D_2^{*+}\bar{D}^{*0}D_s^-$	28610	1	35979
28612	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^0K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	28611	1	35980
28613	$e^+e^- \to \omega D^{*+}\bar{D}^{*-}D_s^{*-}\bar{n}p$	28612	1	35981
28614	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	28613	1	35982
28615	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\bar{D}^{*-}D^0p\bar{\Lambda}$	28614	1	35983
28616	$e^+e^- \to \rho^0K^*D^+\bar{p}\Delta^+\Lambda\bar{\Sigma}_c^{*-}\gamma$	28615	1	35984
28617	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-D^+D_2^{*-}\gamma$	28616	1	35985
28618	$e^+e^- \to \eta\bar{K}^0D^+\bar{D}^{*-}p\bar{\Xi}_c^{*-}$	28617	1	35986
28619	$e^+e^- \to \pi^-\pi^-\eta K^{*+}D^0\bar{D}^0\bar{D}^{*0}D_s^+$	28618	1	35987
28620	$e^+e^- \to \rho^0D^{*+}\bar{D}^{*-}D_s^+D_{s1}'^-$	28619	1	35988
28621	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-K^-\bar{D}^{*-}D^{*0}$	28620	1	35989
28622	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^+K^-D^-\chi_{c1}$	28621	1	35990
28623	$e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^*K^+D^+D^+\bar{D}^{*-}\bar{D}^0$	28622	1	35991
28624	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^+D^-$	28623	1	35992
28625	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^0K^+K^-D^-D^{*+}D^0$	28624	1	35993
28626	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^+D^-D^-$	28625	1	35994
28627	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^*D^+\bar{D}^{*-}$	28626	1	35995
28628	$e^+e^- \to \pi^0\rho^0\bar{K}^0\bar{K}^0K^*D_2^{*+}D_s^{*-}$	28627	1	35996
28629	$e^+e^- \to \pi^0\pi^+\bar{K}^0\phi\bar{D}^{*-}J/\psi$	28628	1	35997
28630	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^+K^+K^-D^+\bar{D}^{*-}$	28629	1	35998
28631	$e^+e^- \to \pi^0\pi^-\pi^-K^-K^{*+}D^+\bar{D}^0D_s^+$	28630	1	35999
28632	$e^+e^- \to \pi^+\pi^-K^{*-}\bar{D}^0D_s^{*+}J/\psi$	28631	1	36000
28633	$e^+e^- \to \rho^+\rho^-\rho^-\eta\bar{K}^0K^{*+}K^{*-}\eta'D^{*+}$	28632	1	36001
28634	$e^+e^- \to \rho^-K_2^{*0}\phi D^+$	28633	1	36002
28635	$e^+e^- \to \pi^0\pi^0\pi^+K^-D^-D^{*+}\bar{D}^{*0}$	28634	1	36003
28636	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\bar{D}^0D_s^{*+}D_1^+$	28635	1	36004
28637	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^*D^+\psi'$	28636	1	36005
28638	$e^+e^- \to \rho^-\eta K^0\bar{K}^0D^+\bar{D}^{*-}\bar{\Delta}^-n$	28637	1	36006
28639	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0D^{*+}\bar{D}^0$	28638	1	36007
28640	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0D^+D^-$	28639	1	36008

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28641	$e^+e^- \to \pi^0\eta D^{*+}\bar{D}^{*-}D_s^-\bar{n}p$	28640	1	36009
28642	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^+D^-D_1^+$	28641	1	36010
28643	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\rho^+\rho^-\rho^-D^+D^{*+}$	28642	1	36011
28644	$e^+e^- \to \pi^0\pi^-\bar{D}^0D^{*0}D_s^+n\bar{n}$	28643	1	36012
28645	$e^+e^- \to \omega K^*D^{*+}J/\psi a_1^-$	28644	1	36013
28646	$e^+e^- \to \rho^+\bar{D}^{*-}\bar{D}^{*0}\bar{p}\Delta^+$	28645	1	36014
28647	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\bar{K}^0D^{*+}\psi'$	28646	1	36015
28648	$e^+e^- \to \pi^-\pi^-\rho^+K^+D^-D^{*+}D^0$	28647	1	36016
28649	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\rho^-\eta D^-D_2^{*+}$	28648	1	36017
28650	$e^+e^- \to \pi^0\pi^+\rho^+\bar{D}^{*-}\bar{D}^{*-}$	28649	1	36018
28651	$e^+e^- \to \pi^0\pi^+\pi^+\bar{K}^0K^*K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	28650	1	36019
28652	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}D^0$	28651	1	36020
28653	$e^+e^- \to \rho^-D^+D^{*0}n\bar{n}p\bar{p}$	28652	1	36021
28654	$e^+e^- \to \omega\omega K^+K^+K^-K^-D^+D^-D^{*0}$	28653	1	36022
28655	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^+\rho^-\rho^-\rho^-D^+\bar{D}^{*0}$	28654	1	36023
28656	$e^+e^- \to \pi^-\eta D^+D^-D_{s1}'^+$	28655	1	36024
28657	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-K^*\bar{K}^*D^0\bar{D}^{*0}$	28656	1	36025
28658	$e^+e^- \to \pi^-\pi^-K^{*+}D^{*+}\eta_c\Sigma^+\bar{\Sigma}^-$	28657	1	36026
28659	$e^+e^- \to \rho^0\pi^+\pi^+\eta K^0\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}$	28658	1	36027
28660	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+\rho^-\rho^-K^0D^-D^{*+}$	28659	1	36028
28661	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega\bar{D}^{*-}\bar{D}^0$	28660	1	36029
28662	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^+\bar{D}^{*0}$	28661	1	36030
28663	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}$	28662	1	36031
28664	$e^+e^- \to \rho^-K^0\bar{K}^0\bar{K}^*K^-D^+\bar{D}^0D_s^+$	28663	1	36032
28665	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\bar{K}^*\bar{D}^{*-}J/\psi$	28664	1	36033
28666	$e^+e^- \to \pi^+\pi^+K^0\bar{K}^*D^+D^-\Delta^-\bar{\Lambda}_c^-$	28665	1	36034
28667	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^-D^+\bar{D}^{*-}D_1^+$	28666	1	36035
28668	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-K^*D^+D^+D^-$	28667	1	36036
28669	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^{*+}K^{*-}D^0\bar{D}^0$	28668	1	36037
28670	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-K^+D^+\bar{D}^0$	28669	1	36038
28671	$e^+e^- \to \pi^-K^*D^-D^{*+}\bar{D}^0a_1^+$	28670	1	36039
28672	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-K^{*+}D^+\bar{D}^{*0}$	28671	1	36040

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28673	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^+K^+D^{*+}\bar{\Delta}^-\Delta^-\Xi^-\bar{\Xi}_c^-$	28672	1	36041
28674	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta K^{*+}\bar{D}^{*0}D_0^{*+}$	28673	1	36042
28675	$e^+e^- \to e^+\nu_e\pi^+K^{*-}D^{*+}\bar{D}^{*-}D_1^-$	28674	1	36043
28676	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-K^0K^-D^{*+}D_0^{*-}$	28675	1	36044
28677	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^+D^-\bar{\Lambda}\Lambda_c^+$	28676	1	36045
28678	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^+\bar{D}^{*-}D^0\bar{D}^0D_s^+$	28677	1	36046
28679	$e^+e^- \to \pi^0\rho^+\bar{D}^{*-}D^{*0}D_s^{*-}D_{s1}'^+$	28678	1	36047
28680	$e^+e^- \to \omega\bar{K}^*K^{*+}D^+D^-a_1^-$	28679	1	36048
28681	$e^+e^- \to \pi^+\rho^+\rho^-\omega D^-\bar{\Delta}^+\Sigma_c^+$	28680	1	36049
28682	$e^+e^- \to \pi^0\bar{K}^0K^*D^0\bar{D}^0\bar{\Delta}^0\Xi_c^{*0}$	28681	1	36050
28683	$e^+e^- \to \pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}\bar{p}\Delta^+$	28682	1	36051
28684	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-\eta\eta K^0K^-D^+D^-$	28683	1	36052
28685	$e^+e^- \to \pi^0\pi^+K^0K^*\bar{K}^*D^+D^-\bar{p}\Lambda$	28684	1	36053
28686	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	28685	1	36054
28687	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^+D^-$	28686	1	36055
28688	$e^+e^- \to \rho^0D^+D^{*+}\bar{D}^{*-}a_1^-$	28687	1	36056
28689	$e^+e^- \to \tau^-\bar{\nu}_\tau K^{*-}D^+D^{*+}\bar{D}^{*0}$	28688	1	36057
28690	$e^+e^- \to \pi^0\pi^-\pi^-\eta K^0D^+D^{*+}$	28689	1	36058
28691	$e^+e^- \to \rho^0\pi^-K^0K^0\bar{K}^*D^+J/\psi$	28690	1	36059
28692	$e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0D^+n\bar{\Omega}_c^0$	28691	1	36060
28693	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-K^*D^{*+}D^{*0}$	28692	1	36061
28694	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*D^-$	28693	1	36062
28695	$e^+e^- \to \bar{K}^*D^-D^{*+}\bar{D}^{*-}\bar{n}p$	28694	1	36063
28696	$e^+e^- \to \rho^0\pi^+\pi^+\eta\eta\bar{D}^{*-}\bar{D}^{*-}$	28695	1	36064
28697	$e^+e^- \to \rho^0\pi^-\bar{K}^0K^+D^0\bar{D}^{*0}\bar{\Delta}^+\Sigma_c^{*+}$	28696	1	36065
28698	$e^+e^- \to \mu^+\nu_\mu D^{*0}\bar{n}\Sigma^0D_1'^-$	28697	1	36066
28699	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\omega D^{*+}$	28698	1	36067
28700	$e^+e^- \to \pi^0\pi^-\eta\omega\bar{K}^0K^+D^0p\bar{\Sigma}_c^-$	28699	1	36068
28701	$e^+e^- \to \pi^-\rho^-D_2^{*+}p\bar{\Sigma}_c^0$	28700	1	36069
28702	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	28701	1	36070
28703	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega K^*D^-\bar{D}^{*-}$	28702	1	36071
28704	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0K^0J/\psi D_1'^+$	28703	1	36072

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28705	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta D^+\bar{D}^{*-}n\bar{n}$	28704	1	36073
28706	$e^+e^- \to \mu^+\nu_\mu\pi^0K^-D^{*+}\bar{D}^0D_0^{*-}$	28705	1	36074
28707	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*+}$	28706	1	36075
28708	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta D^+D^-$	28707	1	36076
28709	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\rho^-K^+D^+\bar{D}^0D^{*0}$	28708	1	36077
28710	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	28709	1	36078
28711	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0D^-D^{*+}$	28710	1	36079
28712	$e^+e^- \to \rho^-D^{*+}\bar{D}^{*-}n\bar{n}D_{s1}'^+$	28711	1	36080
28713	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega\omega K^*K^-D^-D^0$	28712	1	36081
28714	$e^+e^- \to \rho^0\rho^0\rho^+\rho^-\omega D^-D^{*+}$	28713	1	36082
28715	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^0D^-D^{*+}\bar{D}^{*-}$	28714	1	36083
28716	$e^+e^- \to K^*K^-D^+D^+\bar{D}^{*-}\bar{D}^{*0}$	28715	1	36084
28717	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-D^-D^{*0}$	28716	1	36085
28718	$e^+e^- \to \pi^0\pi^+\rho^+K^*K^{*-}D^0D_s^{*-}$	28717	1	36086
28719	$e^+e^- \to K^{*+}K^{*-}D^+D^-D^0\bar{D}^{*0}$	28718	1	36087
28720	$e^+e^- \to \pi^0\rho^0\rho^+\rho^+\eta\eta\eta\bar{D}^{*-}\bar{D}^{*-}$	28719	1	36088
28721	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*-}\bar{D}^{*0}$	28720	1	36089
28722	$e^+e^- \to \pi^0\pi^-\eta\omega K^0K^+K^-D^{*+}\bar{D}^0$	28721	1	36090
28723	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega\omega D^{*+}\bar{D}^{*0}$	28722	1	36091
28724	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\omega\omega D^{*+}\bar{D}^{*0}$	28723	1	36092
28725	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\eta\omega\bar{K}^0K^+\bar{D}^{*-}D^{*0}$	28724	1	36093
28726	$e^+e^- \to \pi^+D_2^{*-}D^0D_s^+D_s^{*-}$	28725	1	36094
28727	$e^+e^- \to \pi^+K^{*-}\bar{D}^{*-}D_s^{*+}\eta_c$	28726	1	36095
28728	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^-K^+K^-D^+D^{*+}$	28727	1	36096
28729	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D^0n\bar{\Delta}^0$	28728	1	36097
28730	$e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^*K^+D^-\bar{D}^{*-}$	28729	1	36098
28731	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-\bar{p}\Delta^{++}D_1'^+$	28730	1	36099
28732	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^+\bar{D}^{*-}D_s^{*-}$	28731	1	36100
28733	$e^+e^- \to \pi^-\pi^-\omega K^0D^+D^{*+}$	28732	1	36101
28734	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_s^{*+}$	28733	1	36102
28735	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^0D^0\eta_c(2S)$	28734	1	36103
28736	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta K^-D^-D^{*+}n\bar{\Lambda}$	28735	1	36104

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28737	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^-\omega D^+D^{*+}$	28736	1	36105
28738	$e^+e^- \to \rho^-\rho^-\eta D^+\Delta^+\bar{\Sigma}_c^{*0}$	28737	1	36106
28739	$e^+e^- \to \pi^0\pi^0\eta\omega\bar{K}^*\bar{D}^0D^{*0}$	28738	1	36107
28740	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^0\bar{D}^{*0}n\bar{n}$	28739	1	36108
28741	$e^+e^- \to \rho^-\rho^-\eta\omega\omega K^0\bar{K}^0D^+D^{*+}$	28740	1	36109
28742	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^+$	28741	1	36110
28743	$e^+e^- \to \pi^-\eta D^+D^+a_1^-\gamma$	28742	1	36111
28744	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0K^*K^+\eta'D^{*+}D^0D_s^{*-}$	28743	1	36112
28745	$e^+e^- \to \rho^+\rho^-\eta K^0\bar{K}^0K^*\bar{K}^*D^-D^{*+}$	28744	1	36113
28746	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^+\bar{D}^{*-}p\bar{\Delta}^+$	28745	1	36114
28747	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^+\rho^-\omega\bar{D}^{*-}D_2^{*-}$	28746	1	36115
28748	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\Lambda\bar{\Sigma}^-$	28747	1	36116
28749	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^*K^*K^-D^+\bar{D}^{*-}D^0$	28748	1	36117
28750	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	28749	1	36118
28751	$e^+e^- \to \pi^-K^+\bar{D}^{*-}D^{*0}\bar{n}\Xi_c^+$	28750	1	36119
28752	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega D^+\bar{D}^{*0}$	28751	1	36120
28753	$e^+e^- \to \pi^+\pi^+\eta\eta\omega\omega\omega K^-K^-\bar{D}^{*-}D_s^+$	28752	1	36121
28754	$e^+e^- \to e^+\nu_e\pi^0\rho^-D^-D^{*+}\bar{n}\Lambda$	28753	1	36122
28755	$e^+e^- \to \eta\eta D^{*0}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	28754	1	36123
28756	$e^+e^- \to \pi^+\pi^-K^+\bar{D}^{*-}J/\psi\bar{K}_1^0$	28755	1	36124
28757	$e^+e^- \to \pi^+\pi^+\omega\omega\bar{K}^0K^*\bar{D}^{*-}\bar{D}^{*-}$	28756	1	36125
28758	$e^+e^- \to \pi^+\pi^+\pi^-K^0\eta'\Delta^+\bar{\Sigma}_c^{--}$	28757	1	36126
28759	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\eta D^{*+}\bar{D}^{*-}\gamma$	28758	1	36127
28760	$e^+e^- \to \pi^-\eta\bar{D}^0\bar{n}\Sigma_c^+$	28759	1	36128
28761	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^+D_2^{*+}$	28760	1	36129
28762	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*-}$	28761	1	36130
28763	$e^+e^- \to \pi^0\pi^-\rho^-K^+D^{*+}D^0\bar{D}^0$	28762	1	36131
28764	$e^+e^- \to \rho^0\pi^+\omega\omega D^-D^{*+}D_{s0}^{*-}$	28763	1	36132
28765	$e^+e^- \to \pi^-\eta\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^{*+}$	28764	1	36133
28766	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\eta D^-D_1'^+$	28765	1	36134
28767	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^*K^+\phi D^0D_s^{*-}$	28766	1	36135
28768	$e^+e^- \to \bar{K}^0K^+D^-D^{*+}D_s^{*-}$	28767	1	36136

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28769	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^0$	28768	1	36137
28770	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{\Sigma}^{*0}\Xi_c'^+$	28769	1	36138
28771	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	28770	1	36139
28772	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^-\bar{D}^{*-}D^0$	28771	1	36140
28773	$e^+e^- \to \pi^+\eta\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	28772	1	36141
28774	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	2996	1	36142
28775	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0K^*K^-D^-D^{*+}\bar{D}^{*0}$	28774	1	36143
28776	$e^+e^- \to e^-\bar{\nu}_eX_u^+D^-D_{s1}'^+$	28775	1	36144
28777	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0\bar{K}^*D^+D^-$	28776	1	36145
28778	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^+\rho^-D^+D^-$	28777	1	36146
28779	$e^+e^- \to \pi^+\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	28778	1	36147
28780	$e^+e^- \to \pi^0\rho^+\omega K^+K^-D^+D^-\Delta^-\bar{\Delta}^0$	28779	1	36148
28781	$e^+e^- \to \pi^0\pi^0\rho^-\eta D^{*+}\bar{D}^{*0}$	28780	1	36149
28782	$e^+e^- \to \tau^+\nu_\tau\pi^-K^0\bar{K}^*D^+\bar{D}^{*-}$	28781	1	36150
28783	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	28782	1	36151
28784	$e^+e^- \to \pi^0\rho^0\pi^-D^-D^{*+}a_1^+\gamma$	28783	1	36152
28785	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D^-D^{*+}$	28784	1	36153
28786	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}$	28785	1	36154
28787	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\pi^-\eta\omega K^+D^{*+}\eta_c$	28786	1	36155
28788	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+D^-$	28787	1	36156
28789	$e^+e^- \to \pi^-\rho^+\eta\omega\omega K^+\bar{D}^{*-}D^0\bar{D}^0$	28788	1	36157
28790	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	28789	1	36158
28791	$e^+e^- \to \tau^+\nu_\tau\pi^-\omega K^+K^-D^+D^-$	28790	1	36159
28792	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^{*0}D_1'^-$	28791	1	36160
28793	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega D^+D^-D_s^{*-}$	28792	1	36161
28794	$e^+e^- \to \pi^+\pi^-\eta\eta K^+K^{*-}D^+\bar{D}^{*-}$	28793	1	36162
28795	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^{*+}\bar{D}^{*-}\bar{\Sigma}^{*0}\Sigma^+$	28794	1	36163
28796	$e^+e^- \to \pi^-\pi^-K^0D^-D^{*+}D^{*+}\bar{n}p$	28795	1	36164
28797	$e^+e^- \to \pi^-\omega K^+K^{*-}D^+\bar{D}^0\Delta^+\bar{\Delta}^+$	28796	1	36165
28798	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}$	28797	1	36166
28799	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega D^{*+}D^{*+}n\bar{p}$	28798	1	36167
28800	$e^+e^- \to \mu^-\bar{\nu}_\mu J/\psi K_1^0D_0^{*+}$	28799	1	36168

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28801	$e^+e^- \to e^+\nu_e K^0 \bar{\Delta}^0 \Xi_c^{*0} D_0^{*-}$	28800	1	36169
28802	$e^+e^- \to \mu^-\bar{\nu}_\mu \rho^0 \bar{K}^0 K^+ D^- D^{*+}$	28801	1	36170
28803	$e^+e^- \to e^-\bar{\nu}_e \pi^0 \eta\eta K^+ D^- D^{*+} D^{*0}$	28802	1	36171
28804	$e^+e^- \to K^+ K^+ D^- \bar{D}^{*-} D^0 D^{*0}$	28803	1	36172
28805	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\omega D^- \bar{D}^{*-}$	28804	1	36173
28806	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\rho^-\eta\omega\bar{K}^0 D^{*+} D^{*+}$	28805	1	36174
28807	$e^+e^- \to \pi^0\pi^-\bar{K}^*\eta'\bar{D}^{*-} D_s^+ D_s^+$	28806	1	36175
28808	$e^+e^- \to \rho^0\rho^0\rho^+ D^- \bar{D}^{*-} D_{s1}'^+$	28807	1	36176
28809	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^*\bar{D}^{*-}\bar{D}^{*0} D_s^+\gamma$	28808	1	36177
28810	$e^+e^- \to \bar{K}^0 K^* D^+ D^- D^{*+}\bar{D}^{*-}$	28809	1	36178
28811	$e^+e^- \to \pi^+\pi^+\rho^+\rho^-\rho^-\bar{D}^{*-}\bar{D}^0$	2997	1	36179
28812	$e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^- K^0 \bar{K}^0 D^+ D^0$	28811	1	36180
28813	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	28812	1	36181
28814	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega K^+ K^- D^{*+}\bar{D}^0$	28813	1	36182
28815	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\omega K^- D^+ D^-$	28814	1	36183
28816	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\bar{D}^{*-} D_2^{*+}$	28815	1	36184
28817	$e^+e^- \to \rho^0\rho^-\omega K^0 D^{*+} n\bar{n}$	28816	1	36185
28818	$e^+e^- \to \pi^0\pi^-\rho^-\bar{D}^0 D_s^{*+} D_1^+$	28817	1	36186
28819	$e^+e^- \to \pi^0\pi^0\rho^+\eta\eta K^* K^+ K^- \bar{D}^0 \Delta^0 \bar{\Sigma}_c^{*-}$	28818	1	36187
28820	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0 D^- D_s^{*+} D_s^{*-}\bar{n}p$	28819	1	36188
28821	$e^+e^- \to \mu^+\nu_\mu\pi^- D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	28820	1	36189
28822	$e^+e^- \to \mu^+\nu_\mu\pi^- D^+\bar{D}^{*-} p\bar{p}$	28821	1	36190
28823	$e^+e^- \to \pi^0 K^0 D_s^+ D_s^{*-} n\bar{\Sigma}_c^0$	28822	1	36191
28824	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\eta\bar{D}^{*-} D_1^-$	28823	1	36192
28825	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^- D^{*0} p\bar{p} D_0^{*-}$	28824	1	36193
28826	$e^+e^- \to K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^-\Delta^0$	28825	1	36194
28827	$e^+e^- \to \pi^0\pi^-\rho^-\omega K^+ D^{*+}\chi_{c1}$	28826	1	36195
28828	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta\omega\omega D^+ D^-$	28827	1	36196
28829	$e^+e^- \to \pi^-\rho^+\eta\eta\bar{K}^* K^+ D^{*+}\bar{D}^{*-} n\bar{\Delta}^+$	28828	1	36197
28830	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega\eta' D^{*+}\bar{D}^{*-}$	28829	1	36198
28831	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\omega D^- D^{*+}$	28830	1	36199
28832	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-\eta\eta\omega D^+\bar{D}^{*-}$	28831	1	36200

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28833	$e^+e^- \to \rho^0\rho^0\pi^-\eta K^0\bar{K}^0\bar{K}^0D^+$	28832	1	36201
28834	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^+D^-\bar{p}\Lambda_c^+$	28833	1	36202
28835	$e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^*K^+K^{*-}D^{*+}\bar{D}^0$	28834	1	36203
28836	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^+D^-\bar{\Delta}^0p\bar{p}\Delta^+$	28835	1	36204
28837	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega K^+K^-D^-D^{*0}n\bar{n}$	28836	1	36205
28838	$e^+e^- \to \rho^0\pi^-K^+D^{*+}\Sigma^{*0}\bar{\Xi}_c^{*-}$	28837	1	36206
28839	$e^+e^- \to \rho^-\eta D^+D^-D_s^+\gamma$	28838	1	36207
28840	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^+\bar{D}^{*-}n\bar{\Delta}^+$	28839	1	36208
28841	$e^+e^- \to \pi^0\pi^0\pi^-K^*\bar{K}^*D^+D^+D_{s1}'^-$	28840	1	36209
28842	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0D_s^+$	28841	1	36210
28843	$e^+e^- \to \pi^0\pi^0\pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	28842	1	36211
28844	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\rho^-\rho^-D^+\bar{D}^{*-}$	28843	1	36212
28845	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	28844	1	36213
28846	$e^+e^- \to D^{*+}\bar{D}^0n\bar{n}a_1^-$	28845	1	36214
28847	$e^+e^- \to \bar{K}^0K^-\bar{D}^{*-}\bar{D}^0D_s^+a_1^+$	28846	1	36215
28848	$e^+e^- \to e^+\nu_e\pi^0\rho^-\eta\eta D^{*+}\bar{D}^{*-}$	28847	1	36216
28849	$e^+e^- \to \pi^0\pi^-\omega K^0D^+\Sigma^{*0}\bar{\Sigma}_c^{*0}$	28848	1	36217
28850	$e^+e^- \to \rho^-K^+K^{*-}D^+\bar{D}^{*0}\eta_c$	28849	1	36218
28851	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+K^0D^+\bar{D}^{*-}$	28850	1	36219
28852	$e^+e^- \to \pi^+\bar{K}^*K^{*-}D^+\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	28851	1	36220
28853	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}n\bar{\Sigma}_c^-$	28852	1	36221
28854	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta\omega D^+D^+n\bar{p}$	28853	1	36222
28855	$e^+e^- \to \tau^-\bar{\nu}_\tau D^{*+}X_{sd}\gamma$	28854	1	36223
28856	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\bar{K}^0K^*\bar{K}^*D^-D_s^+$	28855	1	36224
28857	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-D^+\bar{D}^0$	28856	1	36225
28858	$e^+e^- \to K^+D^+D_s^-\Delta^+\bar{\Sigma}_c^{--}$	28857	1	36226
28859	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta K^+K^-\phi D^+D^-$	28858	1	36227
28860	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0K^{*-}D^-D^{*+}$	2998	1	36228
28861	$e^+e^- \to \rho^+\omega\eta'D^-D^{*0}$	28860	1	36229
28862	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-D^-D^{*+}\bar{\Delta}^-p$	28861	1	36230
28863	$e^+e^- \to \pi^0\pi^+K^*D^-D^-D^0D_s^+$	28862	1	36231
28864	$e^+e^- \to \pi^-K^*D^-D^{*+}\bar{\Sigma}^{*0}\Xi_c'^+$	28863	1	36232

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28865	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\bar{D}^0\bar{D}^0D_s^+D_s^{*+}$	28864	1	36233
28866	$e^+e^- \to \pi^+\pi^+\pi^+\eta K^*K^-K^-K^{*+}K^{*-}K^{*-}\bar{D}^{*-}D_s^+$	28865	1	36234
28867	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+D^+D^-$	28866	1	36235
28868	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	28867	1	36236
28869	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^+\Delta^-\bar{n}$	28868	1	36237
28870	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta D^-D^{*0}p\bar{\Delta}^+$	28869	1	36238
28871	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_s^+D_1'^-$	28870	1	36239
28872	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}\bar{\Delta}^+\Delta^{++}$	28871	1	36240
28873	$e^+e^- \to e^-\bar{\nu}_e\rho^-D^+D^+$	28872	1	36241
28874	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega D^+\Delta^0\bar{\Sigma}_c^{*0}$	28873	1	36242
28875	$e^+e^- \to \pi^0\pi^+\rho^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0$	28874	1	36243
28876	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\eta\bar{K}^0K^+K^-D^-D_s^{*+}$	28875	1	36244
28877	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	28876	1	36245
28878	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}D_{s0}^{*+}$	28877	1	36246
28879	$e^+e^- \to K^0D^+D^-D^0\Delta^0\bar{\Delta}^0$	28878	1	36247
28880	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^+$	28879	1	36248
28881	$e^+e^- \to \pi^0\pi^-K^+D^+D^{*+}\bar{D}^{*-}D_s^{*-}$	28880	1	36249
28882	$e^+e^- \to \pi^0K^0K^-D^+D^-D^{*+}\bar{D}^{*0}$	2999	1	36250
28883	$e^+e^- \to \pi^0\pi^+\eta K^0\bar{K}^*\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	28882	1	36251
28884	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\pi^-K^+\bar{D}^{*-}$	28883	1	36252
28885	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}n\bar{p}$	28884	1	36253
28886	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\omega K^0\bar{K}^*D^+\bar{D}^{*-}$	28885	1	36254
28887	$e^+e^- \to \rho^0\rho^+\rho^-\eta D^+\bar{D}^{*-}$	28886	1	36255
28888	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^-\bar{p}\Lambda_c^+$	28887	1	36256
28889	$e^+e^- \to e^-\bar{\nu}_eK^+D^-D^{*0}D_1'^+$	28888	1	36257
28890	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^*K^+D^-D^{*+}D^{*0}$	28889	1	36258
28891	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau X_u^-D_1'^+$	28890	1	36259
28892	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\omega K^0\bar{K}^0K^{*+}D^+D^-D^{*0}$	28891	1	36260
28893	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^{*+}\bar{D}^0\Delta^-\bar{n}$	28892	1	36261
28894	$e^+e^- \to \rho^0\pi^+\pi^-\eta\eta D^+D^0D_s^-$	28893	1	36262
28895	$e^+e^- \to \rho^0\pi^-K^*\bar{K}^*D^+\Delta^0\bar{\Lambda}$	28894	1	36263
28896	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta\omega K^-K^{*+}D^{*+}\bar{D}^0$	28895	1	36264

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28897	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^*K^+D^+D^-n\bar{n}$	28896	1	36265
28898	$e^+e^- \to \rho^0\bar{K}^0D^-D^0\bar{D}^{*0}\bar{n}p$	28897	1	36266
28899	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\rho^-\omega K^+D^{*+}D^{*+}\bar{D}^{*0}$	28898	1	36267
28900	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{\Delta}^0\Sigma_c^{*0}$	28899	1	36268
28901	$e^+e^- \to e^+\nu_e\pi^+D^+\Delta^0\bar{\Delta}^{++}D_0^{*-}$	28900	1	36269
28902	$e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}n\bar{\Lambda}_c^-$	28901	1	36270
28903	$e^+e^- \to \pi^0\pi^0D^+D^-D_s^+D_{s1}'^-\gamma$	28902	1	36271
28904	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^*\bar{K}^*D^+D^-$	28903	1	36272
28905	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^+\bar{D}^{*0}$	28904	1	36273
28906	$e^+e^- \to K^0K^-D^+D^{*0}\bar{D}^{*0}\bar{D}^{*0}$	28905	1	36274
28907	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D_2^{*+}p\bar{\Lambda}_c^-$	28906	1	36275
28908	$e^+e^- \to \pi^-\rho^-K^0K^-D^+D^+\bar{n}\Delta^+\gamma$	28907	1	36276
28909	$e^+e^- \to \pi^+\rho^+\eta D^-D_2^{*-}$	28908	1	36277
28910	$e^+e^- \to \rho^-K^{*+}\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++}$	28909	1	36278
28911	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta D^0\bar{D}^0$	28910	1	36279
28912	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\eta D^+\bar{D}^0$	28911	1	36280
28913	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-\eta\eta D^{*+}\bar{D}^0$	28912	1	36281
28914	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\eta D^+\bar{D}^{*-}$	28913	1	36282
28915	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega D^-D_2^{*+}D_s^{*-}$	28914	1	36283
28916	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^+\bar{D}^{*-}$	28915	1	36284
28917	$e^+e^- \to \pi^0\pi^0\rho^-\eta K^+D^+D_s^{*-}$	28916	1	36285
28918	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D^0D^{*0}$	28917	1	36286
28919	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\rho^-D^{*+}D_2^{*-}D_s^+$	28918	1	36287
28920	$e^+e^- \to \pi^0\pi^-\omega K_SD^+\eta_c$	28919	1	36288
28921	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0D^+D^-D^{*+}$	3000	1	36289
28922	$e^+e^- \to \pi^0\pi^+\eta\omega K^0K^-D^+D^-$	28921	1	36290
28923	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{K}^0\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	28922	1	36291
28924	$e^+e^- \to \rho^0\pi^+\pi^-\eta\eta\omega\eta'D^+\bar{D}^{*-}$	3001	1	36292
28925	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0D^{*+}\bar{D}^{*-}$	28924	1	36293
28926	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-D^-D^{*+}p\bar{\Delta}^+$	28925	1	36294
28927	$e^+e^- \to \pi^-\rho^-K^+D^+\chi_{c0}$	28926	1	36295
28928	$e^+e^- \to \pi^0\omega K^+\bar{D}^{*-}D^0\eta_c$	28927	1	36296

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28929	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\omega\omega D^+D_1'^+$	28928	1	36297
28930	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\rho^-\omega\omega D^+\bar{D}^{*-}$	28929	1	36298
28931	$e^+e^- \to \pi^0\pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^0\bar{\Lambda}\Sigma^0$	28930	1	36299
28932	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}D^0n\bar{\Delta}^0$	28931	1	36300
28933	$e^+e^- \to \pi^0D^-D_s^{*+}\Delta^0\bar{\Sigma}_c^0$	28932	1	36301
28934	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^*\bar{D}^{*-}D^0n\bar{\Omega}_c^0$	28933	1	36302
28935	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\rho^-D^+D^-$	28934	1	36303
28936	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^+D^-\bar{D}^{*-}$	28935	1	36304
28937	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^*D^+D^0\bar{D}^{*0}$	28936	1	36305
28938	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}p\bar{\Sigma}_c^0$	166	1	36306
28939	$e^+e^- \to \pi^0\rho^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	28938	1	36307
28940	$e^+e^- \to \mu^+\nu_\mu\pi^0\eta K^0K^0\bar{K}^0K^{*-}D^{*+}\bar{D}^{*-}$	28939	1	36308
28941	$e^+e^- \to K^0D^-D^{*0}\bar{D}^{*0}\bar{\Delta}^-n$	28940	1	36309
28942	$e^+e^- \to K^0D^{*+}\bar{D}^{*-}D_2^{*-}D_s^+$	28941	1	36310
28943	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	28942	1	36311
28944	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\eta D^-D_1'^+$	28943	1	36312
28945	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega\omega D^+\bar{D}^{*-}$	28944	1	36313
28946	$e^+e^- \to \rho^+D^{*+}D_s^{*-}D_1'^-$	28945	1	36314
28947	$e^+e^- \to \pi^+K^0\bar{K}^*K^-D^{*0}D^{*0}p\bar{p}$	28946	1	36315
28948	$e^+e^- \to \mu^+\nu_\mu K^*D^-J/\psi$	28947	1	36316
28949	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^0\bar{K}^*K^{*+}K^{*-}D^+\bar{D}^{*-}$	28948	1	36317
28950	$e^+e^- \to \tau^+\nu_\tau\bar{D}^{*-}D_s^+D_1^-$	28949	1	36318
28951	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0D^-\eta_c$	28950	1	36319
28952	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	28951	1	36320
28953	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^-\bar{D}^{*-}$	28952	1	36321
28954	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\omega D^{*+}$	28953	1	36322
28955	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^+D^-$	28954	1	36323
28956	$e^+e^- \to \eta J/\psi\Delta^0\bar{\Sigma}_c^{*0}K_1^0$	28955	1	36324
28957	$e^+e^- \to \pi^0\rho^0\pi^+K^0\bar{K}^0K^+K^-\bar{D}^{*-}D^{*0}$	28956	1	36325
28958	$e^+e^- \to \mu^+\nu_\mu D^+D_2^{*-}a_1^-$	28957	1	36326
28959	$e^+e^- \to \pi^-K^-K^{*+}D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	28958	1	36327
28960	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}$	28959	1	36328

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28961	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^+K^+K^-K^{*-}\bar{D}^{*-}D^{*0}$	28960	1	36329
28962	$e^+e^- \to \rho^-\omega D^+D^-\bar{n}p\Delta^+\bar{\Delta}^+$	28961	1	36330
28963	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\eta K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	28962	1	36331
28964	$e^+e^- \to e^-\bar{\nu}_eD^+D^+D_s^{*-}$	28963	1	36332
28965	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\eta K^0K^-D^+\bar{D}^0$	28964	1	36333
28966	$e^+e^- \to K^-D^+D^{*+}\bar{D}^{*0}D_s^{*-}$	28965	1	36334
28967	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^*K^+K^-D^+D^-D^{*+}$	3003	1	36335
28968	$e^+e^- \to \pi^+K^0K^*D^+D^-D^-D^{*0}$	28967	1	36336
28969	$e^+e^- \to \rho^-\eta D^{*+}\bar{D}^0D_s^+a_1^-$	28968	1	36337
28970	$e^+e^- \to \pi^0\pi^-D^+D^{*+}D_s^-$	28969	1	36338
28971	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-K^0\bar{K}^0K^-K^{*+}D^+D^-$	28970	1	36339
28972	$e^+e^- \to \pi^0\rho^0K^0\bar{K}^0D^0\psi'$	28971	1	36340
28973	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\rho^-\omega$	28972	1	36341
28974	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+K^-\bar{D}^{*-}$	28973	1	36342
28975	$e^+e^- \to e^+\nu_e\rho^0D^-\bar{\Delta}^+\Lambda_c^+$	28974	1	36343
28976	$e^+e^- \to \pi^0\rho^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	28975	1	36344
28977	$e^+e^- \to \pi^0\rho^0K^+\bar{D}^{*-}\bar{D}^{*-}a_1^+$	28976	1	36345
28978	$e^+e^- \to \rho^+\rho^-\rho^-D^+D_2^{*-}D_s^{*+}$	28977	1	36346
28979	$e^+e^- \to \pi^0\pi^0\rho^-\rho^-K^+D^{*+}\bar{D}^0D^{*0}$	28978	1	36347
28980	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-K^-K^{*+}\eta'D^+D^-$	28979	1	36348
28981	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^-D^-D^{*+}\bar{D}^0$	28980	1	36349
28982	$e^+e^- \to \pi^+\rho^-D^+\bar{D}^{*-}n\bar{p}a_1^+$	28981	1	36350
28983	$e^+e^- \to e^+\nu_e\rho^+D^-D^-$	28982	1	36351
28984	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^0D^{*+}\bar{D}^0D^{*0}$	28983	1	36352
28985	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^-D^{*+}$	28984	1	36353
28986	$e^+e^- \to K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}\Delta^+\bar{\Sigma}^-$	28985	1	36354
28987	$e^+e^- \to K^*K^{*-}D^+\bar{D}^0D^{*0}\bar{D}^{*0}$	28986	1	36355
28988	$e^+e^- \to \rho^0\pi^-\bar{K}^0K^*D^+D^-\bar{\Delta}^-\Delta^0$	28987	1	36356
28989	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\omega D^+D^+n\bar{p}$	28988	1	36357
28990	$e^+e^- \to \rho^-\bar{K}^0K^+K^-D^{*+}\Delta^0\bar{\Omega}_c^{*0}$	28989	1	36358
28991	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^0D^{*+}\bar{D}^{*-}$	28990	1	36359
28992	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta K^0\bar{K}^0D^+D^-$	28991	1	36360

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
28993	$e^+e^- \to \rho^0\rho^-\omega K_S D^+\eta_c$	28992	1	36361
28994	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^- K^+ D^{*+}\bar{D}^0$	28993	1	36362
28995	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+\eta\bar{D}^{*-}D_1^+$	28994	1	36363
28996	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega K^0 D^+ D^+\bar{D}^0$	28995	1	36364
28997	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\rho^- D^{*+}\bar{D}^{*-}$	28996	1	36365
28998	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\bar{K}^0 K^+ K^{*+} K^{*-}\bar{D}^{*-}D^{*0}$	28997	1	36366
28999	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^- D^{*+}\bar{D}^{*-}$	28998	1	36367
29000	$e^+e^- \to \pi^-\rho^-\eta\omega\bar{K}^0 K^+ D^+\bar{D}^{*-}D_s^{*+}$	28999	1	36368
29001	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^- D^{*+}D_2^{*-}$	29000	1	36369
29002	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^- D^-\bar{D}^0 D_s^{*+}$	29001	1	36370
29003	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^+\rho^- D^{*+}\bar{D}^{*-}p\bar{p}$	29002	1	36371
29004	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\eta\omega K^0 K^- D^+\bar{D}^{*-}$	29003	1	36372
29005	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^+\omega K^0 K^-\bar{D}^{*-}D^{*0}$	29004	1	36373
29006	$e^+e^- \to e^+\nu_e\pi^+\pi^- K^0 D^-\bar{D}^0$	29005	1	36374
29007	$e^+e^- \to \rho^-\eta K^0 K^{*+} K^{*-} D^{*+} D_s^- D_s^{*+}$	29006	1	36375
29008	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+ D^+ n\bar{\Lambda}_c^-$	29007	1	36376
29009	$e^+e^- \to \pi^+\pi^+\rho^-\eta D^{*+}\bar{D}^{*-}D_s^-$	29008	1	36377
29010	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^- D^0\bar{p}\Sigma^+$	29009	1	36378
29011	$e^+e^- \to \pi^-\omega K^{*+} D^- D^{*+} D^{*0}$	29010	1	36379
29012	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^0 D^{*+}\eta_c(2S)$	29011	1	36380
29013	$e^+e^- \to \mu^+\nu_\mu K_2^{*0} D^- J/\psi$	29012	1	36381
29014	$e^+e^- \to e^+\nu_e\pi^0 D^{*+}\bar{D}^{*-}\Delta^0\bar{p}$	29013	1	36382
29015	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\omega\omega\bar{D}^{*-}D^{*0}$	29014	1	36383
29016	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega K^* D^- D^{*+}$	29015	1	36384
29017	$e^+e^- \to e^+\nu_e\pi^-\omega\bar{K}^* D^- D^{*+}$	29016	1	36385
29018	$e^+e^- \to K^* D^{*+} D_s^{*-} p\bar{\Sigma}_c^-$	29017	1	36386
29019	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}D_{s1}'^+$	29018	1	36387
29020	$e^+e^- \to \pi^0\pi^0\rho^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+$	29019	1	36388
29021	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- D^- D^{*+}\bar{\Sigma}^+\Sigma^-$	29020	1	36389
29022	$e^+e^- \to \pi^-\bar{K}^0 K^+ K^- K^{*+}\bar{D}^{*-}D^0 D_s^{*+}$	29021	1	36390
29023	$e^+e^- \to D^{*+} D^{*+} D_s^{*-} a_1^-$	29022	1	36391
29024	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\rho^-\eta'\bar{D}^{*-}$	29023	1	36392

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29025	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^+K^{*+}\eta' D^+D_s^{*-}$	29024	1	36393
29026	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+D^-D^0D_0^{*+}$	29025	1	36394
29027	$e^+e^- \to \rho^0\rho^+\rho^+K^0K^-K^{*+}D^-\bar{D}^{*-}$	29026	1	36395
29028	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^0\bar{p}\Delta^+$	29027	1	36396
29029	$e^+e^- \to e^-\bar{\nu}_eK^{*-}D^{*+}D^{*+}\bar{D}^{*0}$	29028	1	36397
29030	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^-K^0K^{*-}D^{*+}D_1^+$	29029	1	36398
29031	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\eta K^*K^-K^-D^-\psi'$	29030	1	36399
29032	$e^+e^- \to \pi^0\pi^-K^-D^+D^{*+}\bar{D}^{*0}$	29031	1	36400
29033	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\omega D^+D^-$	29032	1	36401
29034	$e^+e^- \to e^-\bar{\nu}_e\pi^0\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	29033	1	36402
29035	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+D^{*+}D^{*+}$	29034	1	36403
29036	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-D^+D^0$	29035	1	36404
29037	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta K^*D^{*+}\bar{D}^0$	29036	1	36405
29038	$e^+e^- \to e^-\bar{\nu}_e\eta K^0D^-D^{*+}D^{*+}$	29037	1	36406
29039	$e^+e^- \to \pi^0\eta K^0K^*K^{*-}D^+D^+D^-$	29038	1	36407
29040	$e^+e^- \to \rho^0\rho^+\eta K^0K^-D^+D^-$	29039	1	36408
29041	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\omega K^{*-}D^{*+}\bar{D}^{*-}$	29040	1	36409
29042	$e^+e^- \to K_2^{*0}D_s^{*+}J/\psi D_1'^-$	29041	1	36410
29043	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+D^-D^{*+}$	29042	1	36411
29044	$e^+e^- \to \pi^0\rho^0\rho^-K^0D^+D^+D^-$	29043	1	36412
29045	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+D^-\bar{D}^{*-}$	29044	1	36413
29046	$e^+e^- \to D^+\bar{D}^{*0}D_s^{*-}\Delta^+\bar{\Delta}^+$	29045	1	36414
29047	$e^+e^- \to \pi^0\pi^+K^*K^-K^{*+}K_0^{*-}$	29046	1	36415
29048	$e^+e^- \to \pi^0\pi^+K^-D^+\bar{D}^{*-}\bar{D}^{*-}D_s^+$	29047	1	36416
29049	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+\rho^-\bar{D}^{*-}D_1^+$	29048	1	36417
29050	$e^+e^- \to \rho^0\pi^+\rho^-\eta\omega D^+\bar{D}^0D_s^{*-}$	29049	1	36418
29051	$e^+e^- \to e^+\nu_e\bar{K}^*D_2^{*-}D^0\bar{D}^0$	29050	1	36419
29052	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}\bar{D}^{*0}\bar{\Lambda}\Sigma^0$	29051	1	36420
29053	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^*D^+\bar{D}^{*-}D_{s1}'^-$	29052	1	36421
29054	$e^+e^- \to \rho^-D^+D^-\Delta^+\bar{\Sigma}^{*0}\gamma$	29053	1	36422
29055	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^-\bar{D}^{*-}D_s^{*+}$	29054	1	36423
29056	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^+D^+D^-$	29055	1	36424

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29057	$e^+e^- \to \pi^+K^0\bar{D}^{*-}D^{*0}D_s^-D_1^+$	29056	1	36425
29058	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega D^-D^{*+}D_s^{*-}$	29057	1	36426
29059	$e^+e^- \to \rho^0D^+D_s^{*-}p\bar{\Sigma}_c^-$	29058	1	36427
29060	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^-D^{*+}$	29059	1	36428
29061	$e^+e^- \to e^+\nu_e\pi^0\pi^-\rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	29060	1	36429
29062	$e^+e^- \to e^-\bar{\nu}_e\rho^+D^-\bar{\Delta}^0p$	29061	1	36430
29063	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D_s^-$	29062	1	36431
29064	$e^+e^- \to e^+\nu_e\pi^0\eta\eta\bar{K}^0D^-D^{*0}$	29063	1	36432
29065	$e^+e^- \to \rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	29064	1	36433
29066	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-D^+\bar{D}^{*0}D_s^-$	29065	1	36434
29067	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\eta D^+D^-$	29066	1	36435
29068	$e^+e^- \to \pi^0\pi^0D^+D^{*+}D_s^-D_{s1}'^-$	29067	1	36436
29069	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^+K^-\bar{D}^{*-}D_s^{*+}p\bar{p}$	29068	1	36437
29070	$e^+e^- \to \pi^+\pi^-\pi^-\omega\omega K^{*+}D^+\bar{D}^{*-}D^{*0}$	29069	1	36438
29071	$e^+e^- \to \pi^+\pi^-K^*K^{*+}K^{*-}D^-D^{*+}D^{*0}$	29070	1	36439
29072	$e^+e^- \to e^+\nu_eD^{*+}a_1^-D_1'^-$	29071	1	36440
29073	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\eta\eta'D^{*+}\bar{D}^{*-}D_s^{*+}$	29072	1	36441
29074	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^-\eta_c\bar{\Delta}^0\Sigma_c^{*+}$	29073	1	36442
29075	$e^+e^- \to \pi^+\pi^-\pi^-\bar{D}^0D_s^+\Lambda\bar{\Sigma}_c^{*0}$	29074	1	36443
29076	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^0D^{*+}D_s^{*-}D_s^{*-}$	29075	1	36444
29077	$e^+e^- \to \rho^0\pi^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	29076	1	36445
29078	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-\rho^+\rho^-\omega D^+$	29077	1	36446
29079	$e^+e^- \to \mu^+\nu_\mu\pi^0\Sigma_c^{*+}\bar{\Sigma}_c^{*-}D_1^-$	29078	1	36447
29080	$e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0D^+D^-D^0$	29079	1	36448
29081	$e^+e^- \to \pi^+K^-D_2^{*-}D^{*0}\bar{D}^{*0}D_s^+$	29080	1	36449
29082	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^0\bar{K}^0D^-D^{*+}$	29081	1	36450
29083	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^0K^-D^+\bar{D}^{*-}$	29082	1	36451
29084	$e^+e^- \to \tau^+\nu_\tau\pi^+\bar{D}^{*-}D^0D_s^{*-}$	29083	1	36452
29085	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-K^*D^-D^0\bar{D}^{*0}$	29084	1	36453
29086	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-D^+D^-$	29085	1	36454
29087	$e^+e^- \to \pi^0\pi^+K^*K^-D^+n\bar{\Sigma}_c^-$	29086	1	36455
29088	$e^+e^- \to \pi^0\pi^0\rho^+K^-D^-D^{*+}\bar{D}^0$	29087	1	36456

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29089	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta' D^+\bar{D}^0 D_s^{*+} n\bar{p}$	29088	1	36457
29090	$e^+e^- \to K^- D^- \bar{\Delta}^+ \Sigma_c^{++} D_{s1}'^+$	29089	1	36458
29091	$e^+e^- \to \mu^+\nu_\mu\pi^0 D^- \bar{\Delta}^+ \Sigma_c^+$	29090	1	36459
29092	$e^+e^- \to \pi^+ K^* D^- D^- D^{*+} p\bar{p}$	29091	1	36460
29093	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^- \bar{K}^* \bar{D}^{*-} D^0 \bar{D}^0$	29092	1	36461
29094	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^- K^0 K^* K^* D_s^{*-} J/\psi$	29093	1	36462
29095	$e^+e^- \to \pi^0\pi^0 D^+ D^- D_s^+ D_{s1}'^-$	29094	1	36463
29096	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta K^* D^- D^{*+} D^{*+}$	29095	1	36464
29097	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\omega K^0 D^{*+} D^{*+} \bar{D}^{*-}$	29096	1	36465
29098	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^- \bar{K}^0 D^+ D^- \bar{n}p$	29097	1	36466
29099	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+ K^- D^- D_s^{*+} \psi'$	29098	1	36467
29100	$e^+e^- \to K^+ K^{*-} D^+ \bar{D}^{*-} \bar{D}^0$	29099	1	36468
29101	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\rho^- K^0 D^0 \bar{n}p$	29100	1	36469
29102	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- D^+ D^{*+}$	29101	1	36470
29103	$e^+e^- \to \pi^+\pi^-\pi^-\eta\eta\omega\omega \bar{K}^0 K^+ D^+ D^-$	29102	1	36471
29104	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^+ D^{*+} D_s^{*-}$	29103	1	36472
29105	$e^+e^- \to \pi^0\pi^0\eta \bar{K}^0 K^{*-} D^{*+} D^0 \bar{D}^0 \bar{D}^0$	29104	1	36473
29106	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^{*-} \bar{D}^{*0} \bar{\Sigma}^- \Sigma_c^{*++}$	29105	1	36474
29107	$e^+e^- \to \pi^+\pi^-\rho^-\rho^- K^{*+} \phi D^+ \bar{D}^0$	29106	1	36475
29108	$e^+e^- \to \pi^0\pi^+ K^* D^- D^{*+} D^0 D_s^{*-}$	29107	1	36476
29109	$e^+e^- \to \pi^-\rho^+\rho^- D^+ D^- D_s^+$	29108	1	36477
29110	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\eta \bar{K}^* D^{*+} \bar{D}^{*-} \bar{D}^0$	29109	1	36478
29111	$e^+e^- \to \pi^0\pi^0\pi^- D^{*+} \Delta^+ \bar{\Sigma}_c^{*-}$	29110	1	36479
29112	$e^+e^- \to e^-\bar{\nu}_e\rho^+ D^- D^{*+} \gamma\gamma$	29111	1	36480
29113	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\omega D^{*+} \bar{D}^{*-}$	29112	1	36481
29114	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\eta K^* D^{*+} \eta_c$	29113	1	36482
29115	$e^+e^- \to \pi^0 K^* D^{*+} D^{*+} \bar{D}^{*-} \bar{D}^{*-}$	29114	1	36483
29116	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+ K^+ K^{*+} \bar{D}^{*-} D^{*0} \bar{D}^{*0}$	29115	1	36484
29117	$e^+e^- \to \pi^0\pi^- K^{*-} D^{*+} \bar{D}^0 \bar{D}^0 D_s^+$	29116	1	36485
29118	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} D_1'^+$	29117	1	36486
29119	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^0 D^+ D^{*0} \bar{D}^{*0}$	29118	1	36487
29120	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta D^+ \bar{D}^{*-}$	29119	1	36488

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29121	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\rho^-D^-\bar{D}^{*-}$	29120	1	36489
29122	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	29121	1	36490
29123	$e^+e^- \to K^{*-}D^+D_2^{*+}\bar{D}^0D_s^{*-}$	29122	1	36491
29124	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta K^-D^{*+}\bar{D}^{*-}$	29123	1	36492
29125	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^-D_{s0}^{*+}$	29124	1	36493
29126	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta D^{*+}\bar{D}^{*-}a_1^-$	29125	1	36494
29127	$e^+e^- \to \pi^+K^-D^+D_s^{*-}\psi'$	29126	1	36495
29128	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^-K^{*+}D^-D^{*+}$	29127	1	36496
29129	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\bar{D}^{*-}$	29128	1	36497
29130	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega D^+\bar{D}^{*-}$	29129	1	36498
29131	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-D^+D_1'^-$	29130	1	36499
29132	$e^+e^- \to \pi^0D^{*+}\Delta^+\bar{\Delta}^+\bar{\Delta}^{++}\Lambda_c^+$	29131	1	36500
29133	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^+D_2^{*-}$	29132	1	36501
29134	$e^+e^- \to \pi^+\rho^+\eta\eta K^0D^-\bar{D}^{*-}$	29133	1	36502
29135	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^*\bar{K}^*K^+\eta'D^+D^-$	29134	1	36503
29136	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-D^{*+}\bar{D}^{*-}\bar{\Lambda}\Sigma^+$	29135	1	36504
29137	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^{*+}\bar{D}^{*-}$	29136	1	36505
29138	$e^+e^- \to e^+\nu_e\rho^+K^0D^-D_1^-$	29137	1	36506
29139	$e^+e^- \to \pi^0\rho^+\rho^-D^+\bar{D}^0\Delta^0\bar{\Sigma}_c^{*-}$	29138	1	36507
29140	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	29139	1	36508
29141	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^+\rho^-\rho^-D^+D_1^-$	29140	1	36509
29142	$e^+e^- \to \pi^0\pi^0\pi^+K^0K^-D^{*+}\bar{D}^{*-}\chi_{c1}$	29141	1	36510
29143	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0\bar{K}^0\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	29142	1	36511
29144	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*D^-D^{*+}D^{*+}$	3004	1	36512
29145	$e^+e^- \to \pi^+\pi^-K^+D^{*+}\bar{D}^{*-}D^0D_s^{*-}$	29144	1	36513
29146	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-K^0\eta_c\eta_c$	29145	1	36514
29147	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^0\bar{K}^0K^*K^{*-}D^+D^{*+}$	29146	1	36515
29148	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+K^0D^+\bar{D}^{*0}$	29147	1	36516
29149	$e^+e^- \to \pi^0\pi^0K^{*+}D^+\bar{D}^{*-}D^{*0}n\bar{p}$	29148	1	36517
29150	$e^+e^- \to \pi^-\rho^-\omega\omega\omega D^{*+}\bar{\Delta}^+\Sigma_c^{*++}$	29149	1	36518
29151	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^-\bar{p}\Sigma_c^{*++}$	29150	1	36519
29152	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-\bar{K}^0K^+D^-D^{*+}$	29151	1	36520

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29153	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\rho^+\omega K^{*-}\bar{D}^{*-}D_s^{*+}$	29152	1	36521
29154	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-\rho^+\rho^-\omega D^{*+}$	29153	1	36522
29155	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+}$	29154	1	36523
29156	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0D^{*+}D_2^{*-}D_s^+$	29155	1	36524
29157	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta K^*D^+\eta_c$	29156	1	36525
29158	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^-\bar{D}^{*-}D^{*0}$	29157	1	36526
29159	$e^+e^- \to \pi^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	29158	1	36527
29160	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	29159	1	36528
29161	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega D^+D^-D_s^-$	29160	1	36529
29162	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}D^{*0}\Delta^+\bar{\Delta}^+$	29161	1	36530
29163	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega D^{*+}D^{*+}n\bar{p}$	29162	1	36531
29164	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta\bar{K}^0K^{*-}D^-D_s^{*+}\gamma$	29163	1	36532
29165	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-\bar{D}^{*-}$	29164	1	36533
29166	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^-D^{*+}D^{*+}$	29165	1	36534
29167	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-\eta D^+D_0^{*-}$	29166	1	36535
29168	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^+n\bar{\Sigma}_c^0$	29167	1	36536
29169	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\bar{D}^{*-}D_2^{*+}$	29168	1	36537
29170	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega K^*K^*K^{*-}D^{*+}\bar{D}^{*-}$	29169	1	36538
29171	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\eta'D^+D^-$	29170	1	36539
29172	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0D^+D^-$	29171	1	36540
29173	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^-\omega K^0\bar{K}^0K^+K^-\eta'D^+D^+$	29172	1	36541
29174	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-D^+D^-D_s^{*+}$	29173	1	36542
29175	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^+D^-D^{*0}\bar{\Delta}^+\Sigma^+$	29174	1	36543
29176	$e^+e^- \to \pi^0K^{*+}D^{*+}D_s^-D_{s1}'^-$	29175	1	36544
29177	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^{*-}D_{s1}'^+$	29176	1	36545
29178	$e^+e^- \to \pi^-\pi^-\omega D^{*+}\bar{D}^0D_s^+$	29177	1	36546
29179	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	29178	1	36547
29180	$e^+e^- \to \pi^0K_L\pi^-D^+\bar{D}^0\psi'$	29179	1	36548
29181	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}\bar{n}p\gamma$	29180	1	36549
29182	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+K^0D^-D^{*+}$	29181	1	36550
29183	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-K^+K^-D^+$	3005	1	36551
29184	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\eta\bar{K}^0\bar{D}^{*-}\bar{D}^{*-}D^0$	29183	1	36552

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29185	$e^+e^- \to e^+\nu_e\pi^+\bar{K}^0D^-D_1^-$	29184	1	36553
29186	$e^+e^- \to \pi^+\pi^-D^+D^-n\bar{p}D_{s0}^{*+}$	29185	1	36554
29187	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega D^+\bar{D}^{*-}$	29186	1	36555
29188	$e^+e^- \to \tau^+\nu_\tau\pi^-D^{*+}p\bar{p}D_1'^-$	29187	1	36556
29189	$e^+e^- \to \rho^0\rho^+K^0K^-D^+D^-$	29188	1	36557
29190	$e^+e^- \to \pi^0\pi^0\rho^-K^+D^-D^{*+}D^{*0}$	29189	1	36558
29191	$e^+e^- \to \pi^0\pi^0D^-D^{*0}D_s^+n\bar{\Delta}^0$	29190	1	36559
29192	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^+\eta D^+D^-$	29191	1	36560
29193	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega D^{*+}\bar{D}^{*-}n\bar{n}$	29192	1	36561
29194	$e^+e^- \to \rho^+\rho^+\bar{K}^0D^-\bar{D}^{*-}D^{*0}$	29193	1	36562
29195	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\rho^-\omega K^+D_1^-$	29194	1	36563
29196	$e^+e^- \to e^+\nu_e\pi^0\pi^-\eta\omega\eta'D^+D^-$	29195	1	36564
29197	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\rho^-\omega D^-D^{*+}$	29196	1	36565
29198	$e^+e^- \to \rho^-D^+D^{*+}a_1^-$	29197	1	36566
29199	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\omega K^0D^+D^-D^{*0}$	29198	1	36567
29200	$e^+e^- \to \mu^+\nu_\mu\rho^+K^-K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	29199	1	36568
29201	$e^+e^- \to \pi^0\omega K^0K^0\bar{K}^0K^+K^{*-}\bar{D}^0D^{*0}\bar{D}^{*0}$	29200	1	36569
29202	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\omega D^+D^-$	29201	1	36570
29203	$e^+e^- \to e^+\nu_e\pi^0\pi^+K^*K^-D^-D^0$	29202	1	36571
29204	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0\pi^+\pi^-\eta D^{*+}\bar{D}^0$	29203	1	36572
29205	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta D^{*+}D^0\bar{D}^0$	29204	1	36573
29206	$e^+e^- \to \pi^0\bar{K}^0K^{*+}K^{*+}K^{*+}K^{*-}\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	29205	1	36574
29207	$e^+e^- \to \pi^+\pi^+\pi^-K^0K^-D^+D^-D_s^{*-}\bar{n}p$	29206	1	36575
29208	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\eta\eta D^+D^-$	29207	1	36576
29209	$e^+e^- \to \pi^0\pi^+\eta K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	29208	1	36577
29210	$e^+e^- \to \pi^+\omega K^*K^{*-}D^-D^{*+}$	29209	1	36578
29211	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\eta\omega\bar{K}^0\bar{K}^0D^-D^-D_s^{*+}$	29210	1	36579
29212	$e^+e^- \to \mu^+\nu_\mu\rho^0K^*K^-D^+D_2^{*-}$	29211	1	36580
29213	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\omega D^-D^0p\bar{p}$	29212	1	36581
29214	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^{*+}K^{*+}D^{*+}\bar{D}^{*-}D^0$	29213	1	36582
29215	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\rho^+K^0K^-D^-D_1^+$	29214	1	36583
29216	$e^+e^- \to D^0D_s^{*+}\bar{\Delta}^0\Lambda D_1^-$	29215	1	36584

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29217	$e^+e^- \to \pi^0\pi^0\pi^+\eta p\bar{p}\bar{\Delta}^+\Delta^{++}\bar{\Delta}^{++}\Sigma_c^{*0}$	29216	1	36585
29218	$e^+e^- \to \omega K^+D^{*+}\bar{D}^{*-}D^0a_1^-$	29217	1	36586
29219	$e^+e^- \to \pi^0\pi^-\rho^-\eta K^*\bar{K}^*K^{*+}\eta' D^+$	29218	1	36587
29220	$e^+e^- \to \pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^+$	29219	1	36588
29221	$e^+e^- \to \rho^+K^*K^{*-}D^-D^{*+}\Sigma^{*0}\bar{\Sigma}^{*0}$	29220	1	36589
29222	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+\omega D^-D_2^{*+}$	29221	1	36590
29223	$e^+e^- \to \pi^0\bar{K}^0K^*D^0\bar{D}^0p\bar{\Lambda}_c^-$	29222	1	36591
29224	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^+D^+D^-D_s^{*-}$	29223	1	36592
29225	$e^+e^- \to \rho^+K^{*-}D^{*+}D_2^{*-}$	29224	1	36593
29226	$e^+e^- \to e^-\bar{\nu}_eK^*D^+D_s^+D_s^{*-}$	29225	1	36594
29227	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^+D^-$	29226	1	36595
29228	$e^+e^- \to \mu^+\nu_\mu\pi^+D^-D^{*+}n\bar{\Delta}^{++}$	29227	1	36596
29229	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{D}^{*-}D^{*0}\bar{n}p$	29228	1	36597
29230	$e^+e^- \to e^+\nu_e\bar{K}^*D^-D^{*+}D_1'^-$	29229	1	36598
29231	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta\bar{K}^*\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	29230	1	36599
29232	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^*D^+D^-D^{*+}$	29231	1	36600
29233	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*0}$	29232	1	36601
29234	$e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	29233	1	36602
29235	$e^+e^- \to \rho^-K^0D^+D^{*0}\bar{D}^{*0}n\bar{n}$	29234	1	36603
29236	$e^+e^- \to e^-\bar{\nu}_e\pi^-\omega D^{*+}\bar{D}^0D_s^{*+}$	29235	1	36604
29237	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D^{*0}\Delta^0\bar{\Delta}^0$	29236	1	36605
29238	$e^+e^- \to \pi^0D^{*+}\bar{D}^{*-}n\bar{p}\bar{\Sigma}^+\Sigma^0$	29237	1	36606
29239	$e^+e^- \to \rho^0\rho^0\pi^+K^0K^-D^{*+}\bar{D}^{*0}n\bar{p}$	29238	1	36607
29240	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D^{*+}D_s^+D_s^-$	29239	1	36608
29241	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}p\bar{\Xi}_c^-$	29240	1	36609
29242	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\eta K^+D^-D^{*+}D^{*0}$	29241	1	36610
29243	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\eta\bar{K}^0\bar{D}^{*-}D_s^-D_s^{*+}\gamma$	29242	1	36611
29244	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0K^+D^-D^{*+}$	29243	1	36612
29245	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-K^0D^+D^{*+}\bar{D}^{*0}$	29244	1	36613
29246	$e^+e^- \to \omega\bar{K}^0K^{*+}\bar{D}^{*-}\bar{p}\Sigma_c^{*+}$	29245	1	36614
29247	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta K^0K^-D^{*+}\bar{D}^0$	29246	1	36615
29248	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\eta'\bar{D}^{*-}J/\psi$	29247	1	36616

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29249	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\omega\omega\omega K^+D^+D^+\bar{D}^{*-}$	29248	1	36617
29250	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^*K^-K^-D^{*+}\bar{D}^{*0}$	29249	1	36618
29251	$e^+e^- \to e^+\nu_e\eta\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^{*0}$	29250	1	36619
29252	$e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-}D_s^{*+}$	29251	1	36620
29253	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^{*+}\Lambda\bar{\Xi}_c'^-$	29252	1	36621
29254	$e^+e^- \to \pi^0\pi^0\rho^-\eta K^{*-}D^+D^+\bar{D}^{*0}$	29253	1	36622
29255	$e^+e^- \to K_L\pi^-\eta_cp\bar{\Xi}_c'^0$	29254	1	36623
29256	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-\rho^+\eta D_2^{*+}\bar{D}^0$	29255	1	36624
29257	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^{*+}D^+D_s^{*-}n\bar{p}$	29256	1	36625
29258	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\eta K^*K^{*-}D^{*+}\bar{D}^{*-}$	29257	1	36626
29259	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^-\omega\omega D^+D^{*+}$	29258	1	36627
29260	$e^+e^- \to \mu^+\nu_\mu X_u^-D^{*+}a_1^-$	29259	1	36628
29261	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta D^-\bar{D}^{*-}$	29260	1	36629
29262	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	29261	1	36630
29263	$e^+e^- \to e^-\bar{\nu}_e\eta K^0D^{*+}D^{*+}\bar{D}^{*-}$	29262	1	36631
29264	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^*J/\psi$	29263	1	36632
29265	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-\bar{p}\Delta^{++}$	29264	1	36633
29266	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^0D^+D^-\bar{n}\Lambda$	29265	1	36634
29267	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^+K^-K^{*+}D^{*+}\bar{D}^0$	29266	1	36635
29268	$e^+e^- \to \pi^0\pi^0\rho^+\bar{K}^0K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	29267	1	36636
29269	$e^+e^- \to \rho^0\pi^-\eta\eta'D^+D^-\bar{\Delta}^+\Delta^{++}$	29268	1	36637
29270	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^-D^+D^+\bar{D}^0$	29269	1	36638
29271	$e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^0D_s^{*+}\bar{\Delta}^+\Sigma_c^0$	29270	1	36639
29272	$e^+e^- \to \pi^0\rho^0\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^0$	29271	1	36640
29273	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta'D^-D^{*+}$	29272	1	36641
29274	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^+\eta'D^{*+}D^0\bar{D}^0$	29273	1	36642
29275	$e^+e^- \to \pi^+D^0\bar{D}^0D_s^{*-}\bar{p}\Delta^+$	29274	1	36643
29276	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\rho^+D^-\bar{D}^{*-}$	29275	1	36644
29277	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\bar{D}^{*-}\bar{D}^{*-}$	29276	1	36645
29278	$e^+e^- \to \pi^0\rho^+\rho^-\eta K^*D^{*+}\bar{D}^0D_s^{*-}\gamma$	29277	1	36646
29279	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^*K^-D^+\bar{D}^{*-}D_s^+$	29278	1	36647
29280	$e^+e^- \to \pi^-K^0\bar{K}^0D^+\bar{D}^0D_s^{*+}D_s^{*-}$	29279	1	36648

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29281	$e^+e^- \to \pi^0\pi^0\pi^-\eta D^+D^-a_1^+$	29280	1	36649
29282	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-D^-D^-D_s^{*+}$	29281	1	36650
29283	$e^+e^- \to \pi^+K^+\Delta^+\bar{\Delta}^+\Sigma_c^{*0}\bar{\Sigma}_c^{--}$	29282	1	36651
29284	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\rho^-\eta D^+\bar{D}^0$	29283	1	36652
29285	$e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^*D^-n\bar{n}$	29284	1	36653
29286	$e^+e^- \to \pi^0\pi^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}D_s^-$	29285	1	36654
29287	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^-D^{*+}\bar{D}^{*0}$	29286	1	36655
29288	$e^+e^- \to \pi^-\omega\omega K^*D^{*+}J/\psi$	29287	1	36656
29289	$e^+e^- \to \pi^+\pi^+\pi^-K^*D^+D^{*0}D_s^-D_s^-$	29288	1	36657
29290	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-K^0\bar{K}^0D^+D^-$	29289	1	36658
29291	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-D^-D^{*+}$	29290	1	36659
29292	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^0K^+K^-D^+D^-D^{*0}$	29291	1	36660
29293	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^-D_2^{*+}D_s^{*-}$	29292	1	36661
29294	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta\eta\omega D^+\bar{D}^{*-}$	29293	1	36662
29295	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^0\eta'\bar{D}^{*-}J/\psi$	29294	1	36663
29296	$e^+e^- \to e^+\nu_eX_u^-\pi^0K^-D^+$	29295	1	36664
29297	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}$	29296	1	36665
29298	$e^+e^- \to K^0K^-K^{*-}D^+D^{*+}\bar{D}^{*0}$	29297	1	36666
29299	$e^+e^- \to \eta K^0D^+\bar{D}^{*-}\bar{\Delta}^0\Xi_c^{*0}$	29298	1	36667
29300	$e^+e^- \to e^+\nu_e\pi^0D^{*+}\bar{D}^{*-}n\bar{p}$	29299	1	36668
29301	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^0\bar{K}^0D^-D^{*+}D_s^{*+}\gamma$	29300	1	36669
29302	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^0K^-D^+D^-$	29301	1	36670
29303	$e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^0D^+D^+D^-\bar{D}^0$	29302	1	36671
29304	$e^+e^- \to \rho^0\pi^-\omega K^{*+}D^+\bar{D}^{*-}D^{*0}$	29303	1	36672
29305	$e^+e^- \to \rho^0\pi^+\rho^-K^0K^-K^-D^+D^+\bar{D}^{*0}$	29304	1	36673
29306	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega D^-$	29305	1	36674
29307	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta K^{*+}\bar{D}^{*-}D^0D^0$	29306	1	36675
29308	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-K^*D^+D^+D^-$	29307	1	36676
29309	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\eta D^-D^0D_s^-\gamma$	29308	1	36677
29310	$e^+e^- \to D_2^{*+}D_s^{*-}J/\psi\bar{K}_1'^0$	29309	1	36678
29311	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\eta\eta\bar{K}^0\bar{D}^{*-}D^{*0}$	29310	1	36679
29312	$e^+e^- \to e^-\bar{\nu}_eK^0D^-D^{*+}D_1^+$	29311	1	36680

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29313	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*D^-\eta_c$	29312	1	36681
29314	$e^+e^- \to \pi^0\rho^0\rho^+\bar{K}^*D^+D^-\bar{D}^{*-}$	29313	1	36682
29315	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_{s1}'^+\gamma$	29314	1	36683
29316	$e^+e^- \to \rho^0\rho^-\omega\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	29315	1	36684
29317	$e^+e^- \to \rho^+\omega K^0\bar{K}^0K^{*-}D^-D_s^+\gamma$	29316	1	36685
29318	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega D^-D^{*+}a_1^-$	29317	1	36686
29319	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{D}^{*-}D^0$	29318	1	36687
29320	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^0\pi^+\eta D^-\bar{D}^{*-}$	29319	1	36688
29321	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\omega D^-$	29320	1	36689
29322	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta D^{*+}\bar{D}^{*-}$	3006	1	36690
29323	$e^+e^- \to K^+D^-D^{*0}D_s^{*-}D_1^+\gamma$	29322	1	36691
29324	$e^+e^- \to \mu^+\nu_\mu\pi^0K^{*-}\bar{D}^{*-}D_s^+$	29323	1	36692
29325	$e^+e^- \to \bar{K}^0D^-\eta_cD_{s1}'^+\gamma$	29324	1	36693
29326	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^{*+}$	29325	1	36694
29327	$e^+e^- \to \pi^0\pi^-\rho^-K^+K^{*-}\eta'D^+D^{*+}$	29326	1	36695
29328	$e^+e^- \to \pi^+\rho^-\omega\omega\omega D^+D^-$	29327	1	36696
29329	$e^+e^- \to K_SD^{*+}\eta_c\Delta^-\bar{\Delta}^0$	29328	1	36697
29330	$e^+e^- \to \pi^0\pi^+\pi^-\bar{D}^{*-}D_2^{*+}$	29329	1	36698
29331	$e^+e^- \to \pi^+\pi^-\pi^-K^+D^+D_s^-\chi_{c1}$	29330	1	36699
29332	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	29331	1	36700
29333	$e^+e^- \to e^+\nu_e\rho^0\bar{K}^0D^+D^-D^-$	29332	1	36701
29334	$e^+e^- \to \rho^-\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}\eta_c$	29333	1	36702
29335	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^{*+}D^{*0}$	29334	1	36703
29336	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}$	29335	1	36704
29337	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	29336	1	36705
29338	$e^+e^- \to \rho^0\pi^-\rho^+\eta\omega\bar{D}^{*0}\bar{n}\Sigma_c^{*0}$	29337	1	36706
29339	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\bar{D}^0\bar{D}^{*0}D_s^+$	29338	1	36707
29340	$e^+e^- \to \eta\omega K^0K^+K^-\phi D^+\bar{D}^{*-}D^{*0}$	29339	1	36708
29341	$e^+e^- \to \bar{K}^*D^+\bar{D}^{*-}D_2^{*-}D_s^{*+}$	29340	1	36709
29342	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0\Lambda\bar{\Sigma}^0$	29341	1	36710
29343	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^+D^{*+}p\bar{\Sigma}_c^{--}$	29342	1	36711
29344	$e^+e^- \to \pi^-K^0\bar{K}^0D^+D^{*+}D_s^-$	29343	1	36712

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29345	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\eta\eta D^-D^0$	29344	1	36713
29346	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\eta'\bar{D}^{*-}D^0$	29345	1	36714
29347	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-D^-D_{s1}'^+$	29346	1	36715
29348	$e^+e^- \to \bar{K}^*K^{*+}D^+D^-\bar{D}^{*-}D^{*0}$	29347	1	36716
29349	$e^+e^- \to \pi^0\rho^0K^0D^{*0}\bar{D}^{*0}\bar{n}\Lambda$	29348	1	36717
29350	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^+D^-D^0D^{*0}$	3007	1	36718
29351	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-\omega\omega D^-D^{*+}$	29350	1	36719
29352	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^-\rho^-K^+D^+D^{*+}\bar{D}^{*-}$	29351	1	36720
29353	$e^+e^- \to \pi^+\pi^-\omega D^-D_s^{*+}\bar{n}\Sigma_c^0$	29352	1	36721
29354	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^+D_s^+n\bar{\Lambda}_c^-$	29353	1	36722
29355	$e^+e^- \to \rho^+D_2^{*+}D_s^{*-}D_1^-\gamma$	29354	1	36723
29356	$e^+e^- \to \pi^0\pi^+\pi^-D^+D^+D_s^-n\bar{p}$	29355	1	36724
29357	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	29356	1	36725
29358	$e^+e^- \to K^0D_2^{*+}D^{*0}\bar{D}^{*0}D_s^{*-}$	29357	1	36726
29359	$e^+e^- \to K^+D^{*+}\bar{D}^{*-}D^0D_s^{*-}$	29358	1	36727
29360	$e^+e^- \to e^+\nu_eX_u^-\pi^+\pi^-\bar{K}^*J/\psi$	29359	1	36728
29361	$e^+e^- \to K^*K^+K^{*-}K^{*-}D^{*+}\bar{D}^{*-}D_s^{*+}$	29360	1	36729
29362	$e^+e^- \to \pi^+\pi^+\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	29361	1	36730
29363	$e^+e^- \to e^+\nu_eX_u^-\pi^0\bar{\Delta}^+\Sigma_c^{*+}$	29362	1	36731
29364	$e^+e^- \to e^+\nu_e\omega\bar{K}^0D^-D^0$	29363	1	36732
29365	$e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^0D^+\bar{D}^{*-}a_1^+$	29364	1	36733
29366	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^0D^-D^{*+}D^0$	29365	1	36734
29367	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^+$	29366	1	36735
29368	$e^+e^- \to \pi^0\eta\omega\bar{K}^0\bar{D}^0D^{*0}\bar{D}^{*0}$	29367	1	36736
29369	$e^+e^- \to e^+\nu_e\pi^-\eta D^+D^-$	29368	1	36737
29370	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^*K^+D^-D^{*+}$	29369	1	36738
29371	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^-D^+D_0^{*+}$	29370	1	36739
29372	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+K^-\bar{D}^{*-}\psi'$	29371	1	36740
29373	$e^+e^- \to \rho^-K^*D^{*+}\bar{D}^{*-}D_1'^+$	29372	1	36741
29374	$e^+e^- \to \pi^+\pi^-K_SD^{*+}\eta_c\Sigma^0\bar{\Sigma}^-$	29373	1	36742
29375	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\omega D^+\bar{D}^0D_s^+$	29374	1	36743
29376	$e^+e^- \to \rho^0\omega D^0\bar{D}^0\Delta^+\bar{\Sigma}_c^{*-}$	29375	1	36744

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29377	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta D^-\bar{p}\Sigma_c^+$	29376	1	36745
29378	$e^+e^- \to D^+\bar{D}^{*-}D_{s1}'^+D_{s1}'^-$	29377	1	36746
29379	$e^+e^- \to \pi^0\rho^+\eta D^{*+}\bar{D}^{*-}n\bar{p}$	29378	1	36747
29380	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-D^{*+}\bar{D}^0$	29379	1	36748
29381	$e^+e^- \to \pi^0\pi^+K^0K^{*-}D^-D^-D^{*+}D^{*+}$	29380	1	36749
29382	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+\eta K^*K^-D^-\bar{D}^{*-}D^0$	29381	1	36750
29383	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+K^0D^-D^{*+}$	29382	1	36751
29384	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^*\eta'\phi D^+D^+\Sigma^-\bar{\Sigma}^0$	29383	1	36752
29385	$e^+e^- \to e^+\nu_e\rho^0K^{*-}D^{*+}\bar{D}^{*-}$	29384	1	36753
29386	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+K^+K^{*-}D^{*+}\bar{D}^{*-}$	29385	1	36754
29387	$e^+e^- \to \rho^0\rho^0\pi^+\rho^-\rho^-D^{*+}D_s^{*+}D_1^-$	29386	1	36755
29388	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}$	29387	1	36756
29389	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^0K^+K^{*-}D^+D^-D^{*+}$	29388	1	36757
29390	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	29389	1	36758
29391	$e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	29390	1	36759
29392	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D^{*0}$	29391	1	36760
29393	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta\eta\omega D^+\bar{D}^{*-}$	29392	1	36761
29394	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta D^-D^{*+}n\bar{\Delta}^+$	29393	1	36762
29395	$e^+e^- \to \rho^0K^0K^-D^+D^+\bar{D}^{*-}\bar{D}^0$	29394	1	36763
29396	$e^+e^- \to \pi^+\rho^-\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	29395	1	36764
29397	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K_SD^{*+}\eta_c$	29396	1	36765
29398	$e^+e^- \to e^+\nu_e\pi^+D^-\bar{\Delta}^+\Sigma_c^{*0}$	29397	1	36766
29399	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^+D^+D_s^-$	29398	1	36767
29400	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\rho^+\eta\bar{D}^{*-}D^0$	29399	1	36768
29401	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-K^*K^{*-}D^{*+}D_2^{*+}$	29400	1	36769
29402	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^+\bar{D}^{*-}n\bar{n}$	29401	1	36770
29403	$e^+e^- \to \omega D^+D_s^-D_s^-p\bar{\Lambda}$	29402	1	36771
29404	$e^+e^- \to \pi^0\rho^+\bar{K}^0K^+K^-D^-D^{*+}\bar{D}^{*-}$	29403	1	36772
29405	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^+D^+D^-\Delta^-\bar{\Delta}^0$	29404	1	36773
29406	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\rho^-\omega D^{*+}\bar{D}^{*-}$	29405	1	36774
29407	$e^+e^- \to \rho^0\rho^0\pi^+\rho^+K^{*-}D^+D^-\bar{D}^{*-}$	29406	1	36775
29408	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^-\omega D^{*+}D^{*+}\gamma$	29407	1	36776

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29409	$e^+e^- \to \pi^0 K^* K^{*+} D^+ \bar{D}^{*-} \bar{D}^{*-} D^{*0}$	29408	1	36777
29410	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+ K^- D^+ \bar{D}^{*-} \bar{D}^0\gamma$	29409	1	36778
29411	$e^+e^- \to \pi^+\omega K^* \bar{K}^* \bar{D}^{*-} \bar{D}^0 \bar{p}\Delta^+$	29410	1	36779
29412	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\eta D^+ D_1'^+$	29411	1	36780
29413	$e^+e^- \to \eta' D^- D^{*+} D_s^- \bar{n}p$	29412	1	36781
29414	$e^+e^- \to \pi^+\pi^-\rho^+ \bar{K}^* K^- D^+ \bar{D}^{*-}$	29413	1	36782
29415	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\pi^+\pi^- D^+ \bar{D}^0$	29414	1	36783
29416	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+\eta D^+ D^-$	29415	1	36784
29417	$e^+e^- \to \rho^+\omega K^- D^- p\bar{\Xi}_c^{*0}$	29416	1	36785
29418	$e^+e^- \to \pi^+\pi^-\pi^- K^0 K^0 \bar{K}^* D^+\psi'$	29417	1	36786
29419	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega D^{*+} \bar{D}^{*-} D_s^{*+}$	29418	1	36787
29420	$e^+e^- \to \pi^+\pi^- K^{*-} D^+ K_1^0\psi'$	29419	1	36788
29421	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\eta\bar{K}^* K^+ D^+ D^-$	29420	1	36789
29422	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^-\pi^-\eta\omega\bar{K}^0 K^+ D^{*+} D^{*+}$	29421	1	36790
29423	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\bar{D}^{*-} D^{*0} a_1^+$	29422	1	36791
29424	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^0 \bar{K}^* K^+ D^+ \bar{D}^{*-} D^{*0}$	29423	1	36792
29425	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta D^+ \bar{D}^{*-} \Sigma^0\bar{\Sigma}^-$	29424	1	36793
29426	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+ D^{*+} \Delta^0\bar{\Lambda}_c^-$	29425	1	36794
29427	$e^+e^- \to \bar{D}^{*-} D_2^{*+} D_s^{*-} \bar{\Delta}^0 p$	29426	1	36795
29428	$e^+e^- \to \tau^+\nu_\tau\pi^-\pi^-\rho^+\eta D^- D^{*+}$	29427	1	36796
29429	$e^+e^- \to D^{*+} \bar{D}^{*-} D_s^{*-} D_{s1}'^+\gamma$	29428	1	36797
29430	$e^+e^- \to \omega D^+ D^- D_s^- \bar{\Sigma}^+\Sigma^0$	29429	1	36798
29431	$e^+e^- \to \pi^+\pi^+\pi^- K^0 \bar{K}^0 K^{*+} \bar{D}^{*-} \bar{p}\Xi_c'^0$	29430	1	36799
29432	$e^+e^- \to \pi^+\pi^-\rho^- K^0 \bar{K}^0 D^+\chi_{c0}\gamma$	29431	1	36800
29433	$e^+e^- \to \rho^-\omega D^+ D_2^{*+} D_s^{*-}$	29432	1	36801
29434	$e^+e^- \to \bar{K}^0 K^{*+} \bar{D}^{*-} D^{*0}\psi'$	29433	1	36802
29435	$e^+e^- \to \mu^-\bar{\nu}_\mu K^+ D^- D^{*0} D_1^+$	29434	1	36803
29436	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\eta D^- D_1^+$	29435	1	36804
29437	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\rho^- D^+ D^- p\bar{\Delta}^{++}$	29436	1	36805
29438	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\pi^- K^- D^+ D_0^{*-}$	29437	1	36806
29439	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- K^+ K_0^0\chi_{c1}$	29438	1	36807
29440	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega\omega D^{*+} \bar{D}^{*-}$	29439	1	36808

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29441	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta D^{*+}D_1'^-$	29440	1	36809
29442	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^{*-}$	29441	1	36810
29443	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-\bar{D}^{*-}$	29442	1	36811
29444	$e^+e^- \to \pi^-\pi^-\bar{K}^0K^+D^-D^{*+}D_s^+$	29443	1	36812
29445	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+K^{*+}D^+D^-\bar{\Delta}^{++}\Lambda$	29444	1	36813
29446	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D_2^{*+}\bar{D}^0\Delta^{++}\bar{\Delta}^{++}$	29445	1	36814
29447	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+D^-D^{*+}$	29446	1	36815
29448	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	29447	1	36816
29449	$e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0K^+D^{*+}a_1^-$	29448	1	36817
29450	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^+D^+\bar{D}^0D_s^-$	29449	1	36818
29451	$e^+e^- \to D^-D^{*+}n\bar{n}p\bar{p}$	29450	1	36819
29452	$e^+e^- \to \pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*-}\bar{\Delta}^+\Delta^{++}\gamma$	29451	1	36820
29453	$e^+e^- \to \pi^0\pi^0\rho^+\omega\omega K^*K^{*-}D^-D^{*+}$	29452	1	36821
29454	$e^+e^- \to \pi^+\pi^-\rho^+K^0K^0\bar{D}^{*-}J/\psi$	29453	1	36822
29455	$e^+e^- \to \pi^-\bar{K}^0K^*D^+D_2^{*-}D_s^+$	29454	1	36823
29456	$e^+e^- \to K_L\omega J/\psi\bar{\Delta}^0\Sigma_c^0$	29455	1	36824
29457	$e^+e^- \to K^-D^-D^{*+}\bar{D}^{*0}\bar{n}p$	29456	1	36825
29458	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega\omega\omega\bar{K}^0\bar{D}^{*-}D_s^{*+}$	29457	1	36826
29459	$e^+e^- \to \pi^+\pi^-\rho^-\omega\omega K^0\bar{K}^0K^+D^{*+}D_s^{*-}$	29458	1	36827
29460	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^-\omega D^{*+}D_1^-$	29459	1	36828
29461	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^0D^{*+}\eta_c$	29460	1	36829
29462	$e^+e^- \to \pi^0\pi^-K^0D^+D^-D^{*+}$	29461	1	36830
29463	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}D^0$	29462	1	36831
29464	$e^+e^- \to \pi^0\bar{D}^{*-}\bar{n}\Sigma_c^{*0}D_{s1}'^+$	29463	1	36832
29465	$e^+e^- \to \pi^0\pi^+\eta K^+K^{*-}D^+\bar{D}^{*-}D_s^-$	29464	1	36833
29466	$e^+e^- \to \pi^0\pi^0\rho^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	29465	1	36834
29467	$e^+e^- \to e^-\bar{\nu}_e\eta'D^{*+}\bar{D}^0$	29466	1	36835
29468	$e^+e^- \to \mu^+\nu_\mu K^*K^{*-}D^+D^-$	29467	1	36836
29469	$e^+e^- \to K^0K^{*-}D^+D^-\bar{D}^0\bar{n}p$	29468	1	36837
29470	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\rho^-\eta D^+D_1'^-$	29469	1	36838
29471	$e^+e^- \to \eta K^0D^-D_s^{*+}\bar{\Delta}^0\bar{\Sigma}^+\Sigma^-\Lambda$	29470	1	36839
29472	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^{*+}D^-\bar{D}^{*0}D_s^{*+}$	29471	1	36840

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29473	$e^+e^- \to \pi^0\pi^0\pi^+D^+\bar{D}^{*-}D_s^{*-}$	29472	1	36841
29474	$e^+e^- \to \pi^0\eta K^-D^+\bar{D}^{*0}nn\bar{n}\bar{\Lambda}$	29473	1	36842
29475	$e^+e^- \to \pi^+K^-D^{*+}\bar{D}^0\Delta^0\bar{\Lambda}_c^-$	29474	1	36843
29476	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\omega K^{*+}D^-\bar{D}^{*-}$	3008	1	36844
29477	$e^+e^- \to D^-D^-D_s^+D_{s1}'^+$	29476	1	36845
29478	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-\rho^+D^+D^+$	29477	1	36846
29479	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\omega\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	29478	1	36847
29480	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}$	29479	1	36848
29481	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	29480	1	36849
29482	$e^+e^- \to \pi^-\omega\bar{K}^0\bar{K}^0K^*K^+D^{*+}\bar{D}^{*-}$	29481	1	36850
29483	$e^+e^- \to \pi^0\rho^0\pi^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c'^0$	29482	1	36851
29484	$e^+e^- \to \pi^0\rho^0\rho^-D^+\bar{D}^{*-}D_s^{*+}$	29483	1	36852
29485	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}D_s^+D_1'^+$	29484	1	36853
29486	$e^+e^- \to \rho^-\bar{K}^0D^+D^{*+}\bar{D}^{*-}$	29485	1	36854
29487	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\eta\omega D^+\bar{D}^{*-}$	29486	1	36855
29488	$e^+e^- \to \pi^0\rho^0\pi^+D^+\bar{D}^{*-}D_s^{*-}p\bar{p}$	29487	1	36856
29489	$e^+e^- \to \pi^+\pi^-\rho^-\eta K^*\phi D^{*+}$	29488	1	36857
29490	$e^+e^- \to \pi^+\pi^-\eta\bar{D}^0D^{*0}D_s^+D_s^{*-}$	29489	1	36858
29491	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega D^+\bar{D}^{*-}n\bar{n}$	29490	1	36859
29492	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\omega K^0K^-D^+\bar{D}^{*-}$	29491	1	36860
29493	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^0K^{*+}\eta'\bar{D}^{*-}\bar{D}^{*-}$	29492	1	36861
29494	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^+K^{*-}D^0n\bar{p}$	29493	1	36862
29495	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\rho^-D^+D^0$	29494	1	36863
29496	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^+\rho^-D^+D^-$	29495	1	36864
29497	$e^+e^- \to \pi^+K^-\bar{D}^{*-}D_{s1}'^+\chi_{c1}$	29496	1	36865
29498	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^-\rho^+K^0K^-D^+\bar{D}^{*-}$	29497	1	36866
29499	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+\rho^-D^+D^{*+}$	29498	1	36867
29500	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+K^0D^-D^0D^{*0}$	29499	1	36868
29501	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-D^{*+}D_s^{*-}p\bar{p}$	29500	1	36869
29502	$e^+e^- \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}a_1^+$	29501	1	36870
29503	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\eta D^-D_1^-$	3009	1	36871
29504	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\rho^-\omega D^{*+}$	29503	1	36872

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29505	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta\omega K^0\bar{K}^0K^+D^+\bar{D}^0$	29504	1	36873
29506	$e^+e^- \to \pi^-\rho^-\eta K^0\bar{K}^*D^+D^{*+}$	29505	1	36874
29507	$e^+e^- \to \rho^0\rho^-D^+\bar{D}^0\bar{p}\Delta^+$	29506	1	36875
29508	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\bar{K}^0D^+D^-\bar{D}^{*-}$	29507	1	36876
29509	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\eta D^-D_1^-$	29508	1	36877
29510	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	29509	1	36878
29511	$e^+e^- \to \pi^0\pi^+\pi^-\omega K^0D^+D^-\bar{D}^{*0}n\bar{n}$	29510	1	36879
29512	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{K}^*K^{*+}D^-D^{*+}\bar{D}^{*-}$	29511	1	36880
29513	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\eta D^{*0}p\bar{\Delta}^{++}$	29512	1	36881
29514	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+D^{*0}D_s^{*-}$	29513	1	36882
29515	$e^+e^- \to \pi^+\pi^-\rho^-\eta'D^+D_s^{*+}D_1'^-$	29514	1	36883
29516	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\rho^+K^{*-}D_2^{*-}D_s^+$	29515	1	36884
29517	$e^+e^- \to \pi^0\pi^-K^{*-}D^{*+}\Delta^+\bar{\Xi}_c'^0\gamma$	29516	1	36885
29518	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{p}\Xi_c'^0$	29517	1	36886
29519	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega K^0D^{*+}\bar{D}^{*-}$	29518	1	36887
29520	$e^+e^- \to D^+J/\psi K_1^0D_{s1}'^-$	29519	1	36888
29521	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^0K^+D^+D^{*0}D_s^-$	29520	1	36889
29522	$e^+e^- \to \pi^0\pi^+\rho^+\eta\omega\eta'\bar{D}^{*-}D^{*0}D_s^-$	29521	1	36890
29523	$e^+e^- \to \pi^0\pi^+\eta D^-\bar{D}^{*-}D_s^{*+}$	29522	1	36891
29524	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+K^{*+}K^{*-}D^-D_1'^+\gamma$	29523	1	36892
29525	$e^+e^- \to \rho^0K^0D^+J/\psi D_{s0}^{*-}$	29524	1	36893
29526	$e^+e^- \to \pi^0\rho^+\rho^-\eta K^+D^{*+}D_s^-D_s^{*-}$	29525	1	36894
29527	$e^+e^- \to K^0D^+D^-D_2^{*-}D_s^{*+}$	29526	1	36895
29528	$e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0K^{*+}K^{*+}D^-\eta_c$	29527	1	36896
29529	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^*K^+D^+\bar{D}^{*-}n\bar{\Delta}^0$	29528	1	36897
29530	$e^+e^- \to \rho^0\pi^-\eta K^0D^+D^-D^{*+}$	29529	1	36898
29531	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-D^-D^-D_s^{*+}$	29530	1	36899
29532	$e^+e^- \to D^{*+}D_2^{*-}D_s^+D_s^{*-}$	29531	1	36900
29533	$e^+e^- \to \eta D^-D^{*+}D_s^-\bar{\Lambda}\Sigma^+$	29532	1	36901
29534	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau D_0^{*+}D_1'^-$	29533	1	36902
29535	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^+D^0D_s^{*-}$	29534	1	36903
29536	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\eta K^*\bar{K}^*D^+D^-$	29535	1	36904

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29537	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^-\rho^+\bar{K}^*\bar{D}^{*-}$	29536	1	36905
29538	$e^+e^- \to \bar{K}^*K^-D^{*+}D^{*+}D_s^-$	29537	1	36906
29539	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\rho^-\omega D^+D^-\bar{n}p$	29538	1	36907
29540	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+D^+D^-D_s^-$	29539	1	36908
29541	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^0K^*D^+D^-$	29540	1	36909
29542	$e^+e^- \to \mu^+\nu_\mu\rho^0D^-\bar{D}^{*-}\bar{\Sigma}^+\Lambda$	29541	1	36910
29543	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega K^-D^+D_2^{*-}$	29542	1	36911
29544	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega\omega D^+D^-$	29543	1	36912
29545	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\Delta^0\bar{\Sigma}_c^{*-}$	29544	1	36913
29546	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\omega D^-\bar{D}^{*-}$	29545	1	36914
29547	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\omega K^*D^{*0}$	29546	1	36915
29548	$e^+e^- \to K^{*+}K^{*-}D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	29547	1	36916
29549	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*0}$	29548	1	36917
29550	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^+\bar{n}\Sigma^-$	29549	1	36918
29551	$e^+e^- \to \rho^+K^0\bar{K}^*\phi D^+\bar{D}^{*-}D_s^{*-}$	29550	1	36919
29552	$e^+e^- \to e^+\nu_e\rho^+D^-D_0^{*-}$	29551	1	36920
29553	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^+\bar{D}^{*-}D_s^{*-}$	29552	1	36921
29554	$e^+e^- \to \pi^-\rho^+D^{*+}\bar{D}^{*-}p\bar{p}$	29553	1	36922
29555	$e^+e^- \to K^0K^*K^-D^+\Sigma^{*0}\bar{\Xi}_c^{*0}$	29554	1	36923
29556	$e^+e^- \to \rho^0\rho^0\pi^+\bar{D}^{*-}D^0\bar{\Lambda}\Sigma^{*0}$	29555	1	36924
29557	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\omega\omega K^*D^-D^{*+}\bar{D}^{*-}$	29556	1	36925
29558	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\omega K^0K^+K^-K^-D^-D^{*+}$	29557	1	36926
29559	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\omega K^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	29558	1	36927
29560	$e^+e^- \to \pi^+\eta K^-D^-D^{*+}\bar{D}^{*0}$	29559	1	36928
29561	$e^+e^- \to e^+\nu_eX_u^-\pi^0K^*K^{*+}D_s^{*-}$	29560	1	36929
29562	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^0D^{*+}\chi_{c1}$	29561	1	36930
29563	$e^+e^- \to \pi^0\rho^0\rho^+K_SD^-\chi_{c0}$	29562	1	36931
29564	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0D^-D^0D_0^{*+}$	29563	1	36932
29565	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-K^*K^{*-}D^+\bar{D}^{*-}$	29564	1	36933
29566	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^-\bar{D}^0$	29565	1	36934
29567	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega\bar{K}^0D^+p\bar{\Lambda}_c^-$	29566	1	36935
29568	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^0D^+D_s^{*-}$	29567	1	36936

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29569	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-D^{*+}D^0$	29568	1	36937
29570	$e^+e^- \to e^-\bar{\nu}_e\pi^+\Delta^0\bar{\Sigma}_c^-D_1^+$	29569	1	36938
29571	$e^+e^- \to \pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}D_s^{*+}$	29570	1	36939
29572	$e^+e^- \to \pi^-\eta\bar{K}^*D^+D^-D^{*+}$	29571	1	36940
29573	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\rho^+D^-\bar{D}^{*-}D^{*0}$	29572	1	36941
29574	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\rho^-\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	29573	1	36942
29575	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\eta D^+D_0^{*-}$	29574	1	36943
29576	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\rho^-\eta D^-\bar{D}^{*-}$	29575	1	36944
29577	$e^+e^- \to \rho^0\rho^0\pi^-K^0\bar{K}^0D^+D^0\bar{D}^0\bar{D}^0$	29576	1	36945
29578	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\eta K^-K^{*+}D^{*+}D^{*+}$	29577	1	36946
29579	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^0\bar{n}\Delta^0$	29578	1	36947
29580	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}$	29579	1	36948
29581	$e^+e^- \to \tau^+\nu_\tau\pi^-\rho^-\omega\bar{K}^*K^+D^+D^-$	29580	1	36949
29582	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_1^+D_{s1}^+$	29581	1	36950
29583	$e^+e^- \to \pi^0\pi^+\bar{K}^0\bar{K}^0K^*D^+D^-\bar{D}^{*-}$	29582	1	36951
29584	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^-D_2^{*+}$	29583	1	36952
29585	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^-D^{*+}D_s^+$	29584	1	36953
29586	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0\bar{K}^*D^+D^-$	29585	1	36954
29587	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-D^{*0}D_s^-$	29586	1	36955
29588	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+K^0K^{*-}D^-D_0^{*-}$	29587	1	36956
29589	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^+D^-\bar{\Delta}^-\Delta^0$	29588	1	36957
29590	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^-\eta\omega D^+D^-$	29589	1	36958
29591	$e^+e^- \to e^+\nu_eD_s^+\bar{\Delta}^0\Sigma^{*-}D_0^{*-}$	29590	1	36959
29592	$e^+e^- \to e^+\nu_e\pi^0\rho^-\bar{D}^{*-}D^{*0}\bar{\Sigma}^0\Sigma^+$	3010	1	36960
29593	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^0\bar{K}^0\eta'\eta'D_2^{*+}\bar{D}^{*0}$	29592	1	36961
29594	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*D_1^+\chi_{c0}$	29593	1	36962
29595	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta'D^+\bar{D}^{*-}$	29594	1	36963
29596	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-K^0D^{*+}\Lambda\bar{\Sigma}_c^0$	29595	1	36964
29597	$e^+e^- \to \pi^-K^+\phi D^-D^{*+}D^0p\bar{p}$	29596	1	36965
29598	$e^+e^- \to \eta K^0K^-D^{*+}\bar{D}^{*0}J/\psi$	29597	1	36966
29599	$e^+e^- \to \pi^0\pi^0\rho^-\omega K^0D^-D^{*+}D^{*+}$	29598	1	36967
29600	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-D^{*0}D_1^-$	29599	1	36968

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29601	$e^+e^- \to e^+\nu_e\omega D^+\bar{D}^{*-}D_s^{*-}$	29600	1	36969
29602	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-$	29601	1	36970
29603	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega\bar{D}^{*-}D_2^{*+}$	29602	1	36971
29604	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^-D^{*+}$	29603	1	36972
29605	$e^+e^- \to e^+\nu_e\rho^0K^0K^-D^+D_1^-$	29604	1	36973
29606	$e^+e^- \to \pi^0\pi^+\pi^-\eta'D^{*+}\bar{D}^{*-}$	29605	1	36974
29607	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	29606	1	36975
29608	$e^+e^- \to \rho^-K^0K^-D^+D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	29607	1	36976
29609	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\omega\bar{K}^*D^0n\bar{n}$	29608	1	36977
29610	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega\eta'D^+D^-$	29609	1	36978
29611	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^-K^+K^{*-}D^+\bar{D}^{*-}$	29610	1	36979
29612	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D_2^{*-}D^{*0}D_s^{*+}$	29611	1	36980
29613	$e^+e^- \to e^+\nu_e\pi^0\rho^0D^+D^-\bar{D}^{*-}$	29612	1	36981
29614	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D_s^{*-}D_1'^+$	29613	1	36982
29615	$e^+e^- \to \pi^0\pi^-K^+K^-D^+D_s^+D_1^-$	29614	1	36983
29616	$e^+e^- \to \pi^-K^+K^-D^+D^{*+}\Delta^-\bar{\Delta}^0$	29615	1	36984
29617	$e^+e^- \to \mu^+\nu_\mu D^+D^-\Delta^-\bar{n}$	29616	1	36985
29618	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}a_1^+$	29617	1	36986
29619	$e^+e^- \to \pi^-D^+D^0p\bar{\Delta}^+$	29618	1	36987
29620	$e^+e^- \to \rho^-D^0\bar{D}^0D_s^+\Delta^0\bar{\Delta}^0$	29619	1	36988
29621	$e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}D^0\bar{D}^{*0}$	29620	1	36989
29622	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta K^-D^-D^0D_s^{*+}$	29621	1	36990
29623	$e^+e^- \to \pi^+\pi^-\pi^-K^0D^+D^{*+}D_s^{*-}$	29622	1	36991
29624	$e^+e^- \to \rho^0\pi^-\omega\bar{K}^0K^{*+}\bar{D}^{*0}\bar{n}\Sigma_c^0$	29623	1	36992
29625	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*-}D^{*+}\bar{D}^{*0}D_0^{*+}$	29624	1	36993
29626	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	29625	1	36994
29627	$e^+e^- \to \pi^+\pi^+K^0\bar{K}^*K^+K^-D^-D^-$	29626	1	36995
29628	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^+K^-D^+n\bar{p}$	29627	1	36996
29629	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^-D_s^{*+}$	29628	1	36997
29630	$e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0p\bar{\Lambda}_c^-\eta_c(2S)$	29629	1	36998
29631	$e^+e^- \to \pi^0\pi^0\omega D^+D^-D_s^{*+}D_s^{*-}$	29630	1	36999
29632	$e^+e^- \to \pi^+\pi^-D^{*+}D^0a_1^-$	29631	1	37000

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29633	$e^+e^- \to \pi^0\rho^0\pi^+\eta\omega\bar{K}^0D^-\bar{D}^0D^{*0}$	29632	1	37001
29634	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-}$	29633	1	37002
29635	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+D^+D^-$	29634	1	37003
29636	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}\gamma$	29635	1	37004
29637	$e^+e^- \to e^-\bar{\nu}_eD^+D^-\bar{\Delta}^+\Delta^{++}$	29636	1	37005
29638	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-D^{*+}\bar{D}^{*-}n\bar{p}$	29637	1	37006
29639	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^{*+}K^{*-}\bar{D}^{*-}D^0$	29638	1	37007
29640	$e^+e^- \to \pi^0\rho^-D^+\bar{D}^0\Delta^0\bar{\Sigma}^{*0}$	29639	1	37008
29641	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\chi_{c0}$	29640	1	37009
29642	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\bar{K}^0K^+\eta'D^{*+}\bar{D}^{*0}$	29641	1	37010
29643	$e^+e^- \to e^+\nu_eX_u^-\pi^+\pi^-\pi^-\omega K^0\bar{K}^0D^+$	29642	1	37011
29644	$e^+e^- \to \pi^0\rho^0\rho^+K^+K^-D^{*+}\bar{D}^{*-}D_{s1}^-$	29643	1	37012
29645	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^0\bar{\Delta}^+\Sigma_c^+$	29644	1	37013
29646	$e^+e^- \to e^+\nu_e\rho^0\pi^-D^-D^{*+}n\bar{n}$	29645	1	37014
29647	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^{*+}\bar{D}^{*0}n\bar{n}$	29646	1	37015
29648	$e^+e^- \to \pi^0\pi^0\rho^+\eta D^+\bar{D}^{*-}n\bar{p}$	29647	1	37016
29649	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\omega D^+D^-$	29648	1	37017
29650	$e^+e^- \to \pi^0D^+\bar{D}^{*-}D_s^{*-}a_1^+$	29649	1	37018
29651	$e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-\eta\omega\bar{D}^{*-}\bar{D}^{*-}$	29650	1	37019
29652	$e^+e^- \to \pi^-\pi^-\rho^+K^*D^{*+}D^{*+}\bar{D}^{*-}p\bar{p}$	29651	1	37020
29653	$e^+e^- \to e^-\bar{\nu}_eK_SD^{*+}J/\psi$	29652	1	37021
29654	$e^+e^- \to \pi^+\pi^+\eta\omega K^0K^-D^+\bar{D}^{*-}D_{s0}^{*-}$	29653	1	37022
29655	$e^+e^- \to \pi^+\pi^-K^+D^+\bar{D}^{*-}D^{*0}D_s^-$	29654	1	37023
29656	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+\rho^+D_2^{*+}\bar{D}^{*0}$	29655	1	37024
29657	$e^+e^- \to e^+\nu_e\pi^-\rho^+\rho^-D^+D_1'^-$	29656	1	37025
29658	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\Delta^+\bar{\Sigma}_c^{--}$	29657	1	37026
29659	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^0D^-D^0D_0^{*+}$	29658	1	37027
29660	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\bar{D}^{*-}\bar{n}\Sigma_c^+$	29659	1	37028
29661	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}D_{s0}^{*+}$	29660	1	37029
29662	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\bar{K}^0K^*D^-\bar{\Delta}^0\Sigma_c^{*0}$	29661	1	37030
29663	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	29662	1	37031
29664	$e^+e^- \to \pi^+\eta\bar{K}^*D^+\bar{D}^{*-}\bar{D}^{*-}$	29663	1	37032

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29665	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta' D^- D_1'^+$	29664	1	37033
29666	$e^+e^- \to \pi^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	29665	1	37034
29667	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\eta\omega\omega\omega D^{*+}$	29666	1	37035
29668	$e^+e^- \to \pi^+\pi^+\pi^- K^-\bar{D}^{*-}D^0\bar{\Delta}^0\Sigma_c^+$	29667	1	37036
29669	$e^+e^- \to e^-\bar{\nu}_e\rho^0 D^{*+}\bar{p}\Lambda_c^+$	29668	1	37037
29670	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\omega\omega K^0 K^-\bar{D}^{*-}D^0$	29669	1	37038
29671	$e^+e^- \to \rho^0\pi^+ K^*\bar{K}^*\bar{D}^{*-}D_2^{*+}D_s^{*-}$	29670	1	37039
29672	$e^+e^- \to \pi^0\pi^+ K^+ D^- D^- D^{*0}\bar{\Delta}^-\Delta^-$	29671	1	37040
29673	$e^+e^- \to \pi^0\pi^- D^+ D_2^{*-}\bar{D}^0 D_s^{*+}$	29672	1	37041
29674	$e^+e^- \to e^-\bar{\nu}_e K^{*+} D^- D^{*+}\bar{p}\Sigma^{*+}$	29673	1	37042
29675	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^* K^{*+} D^- D^{*+}$	29674	1	37043
29676	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1'^-$	29675	1	37044
29677	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- K^- D^0\bar{D}^{*0}\bar{D}^{*0}$	29676	1	37045
29678	$e^+e^- \to \pi^0\rho^+\omega D^+ D^- D_s^{*-}$	29677	1	37046
29679	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\bar{K}^0 K^+ K^{*+} K^{*-} D^{*+}\bar{D}^{*-}$	29678	1	37047
29680	$e^+e^- \to \pi^0\pi^-\eta' D^+ D^{*+} a_1^-$	29679	1	37048
29681	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}$	29680	1	37049
29682	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^- K^- D^{*+} D_s^+$	29681	1	37050
29683	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{K}^0 D^- D^{*+} D^0$	29682	1	37051
29684	$e^+e^- \to \pi^0\rho^+\eta\eta\bar{K}^* D^+\bar{D}^{*-}\bar{D}^{*-}\gamma$	29683	1	37052
29685	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega D^- D^{*+}\bar{n}p$	29684	1	37053
29686	$e^+e^- \to e^+\nu_e\pi^0\rho^+ D^{*+}\bar{D}^{*-}\Delta^-\bar{p}$	29685	1	37054
29687	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0 K^* K^* K^-\phi D^{*+}$	29686	1	37055
29688	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+ K^0 K^+ K^- K^- D^{*+}\bar{D}^{*-}$	29687	1	37056
29689	$e^+e^- \to \tau^+\nu_\tau\bar{K}^* D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	29688	1	37057
29690	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\bar{K}^* K^{*+}\bar{D}^{*-} D^{*0}\bar{D}^{*0}$	29689	1	37058
29691	$e^+e^- \to \pi^+\pi^-\pi^-\omega\omega D^- D^{*+} D_s^+$	29690	1	37059
29692	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^- D^+\bar{D}^{*-} D_{s1}^-$	29691	1	37060
29693	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\omega K^+ K^- D^{*+}\bar{D}^{*-} D_s^{*-}$	29692	1	37061
29694	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- K^0\bar{K}^0 K^- D^- D^{*+} D_s^+$	29693	1	37062
29695	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\rho^-\eta\eta D^-\bar{D}^{*0}$	29694	1	37063
29696	$e^+e^- \to e^-\bar{\nu}_e\pi^0 D^+ D_s^{*-} D_1^+$	29695	1	37064

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29697	$e^+e^- \to \pi^- J/\psi p \bar{\Sigma}_c^0 \bar{K}_1^0$	29696	1	37065
29698	$e^+e^- \to e^- \bar{\nu}_e \pi^0 \pi^0 \rho^0 \pi^+ \pi^- \rho^- D^{*+} D^{*+}$	29697	1	37066
29699	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^- K^{*+} D^{*+} D_s^+ D_s^{*-}$	29698	1	37067
29700	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^- \rho^+ \omega D^+ D^-$	29699	1	37068
29701	$e^+e^- \to \mu^- \mu^- \bar{\nu}_\mu \bar{\nu}_\mu X_u^+ D_2^{*+}$	29700	1	37069
29702	$e^+e^- \to \pi^0 \pi^0 \pi^- \bar{K}^0 K^+ \eta' D^- D^{*+}$	29701	1	37070
29703	$e^+e^- \to D^- D^0 D_s^{*+} \Delta^+ \bar{\Delta}^+$	29702	1	37071
29704	$e^+e^- \to \pi^0 \bar{D}^{*-} D_s^+ \bar{p} \Sigma_c^+$	29703	1	37072
29705	$e^+e^- \to \eta \omega \omega \bar{K}^* \bar{D}^{*-} D^0 D_s^{*+}$	29704	1	37073
29706	$e^+e^- \to \pi^+ K^0 K^* K^- D^+ D^- D^{*0}$	29705	1	37074
29707	$e^+e^- \to \rho^0 \rho^- K^+ K^- D^{*+} \bar{D}^0 n \bar{n}$	29706	1	37075
29708	$e^+e^- \to \bar{D}^{*-} D^{*0} D_s^+ \bar{\Delta}^+ \Sigma^+$	29707	1	37076
29709	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^+ \bar{K}^0 D^+ D^- D^-$	29708	1	37077
29710	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \pi^- K^0 K^- D^+ \bar{D}^0$	29709	1	37078
29711	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^- \rho^+ \rho^+ \rho^+ D^- D^-$	29710	1	37079
29712	$e^+e^- \to \pi^+ \omega K^0 \bar{K}^0 K^+ K^- D^- D^0$	29711	1	37080
29713	$e^+e^- \to \pi^- \eta K^+ D^{*+} D^{*0} \bar{D}^{*0} D_s^{*-}$	29712	1	37081
29714	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \rho^+ K^+ K^- D^+ \bar{D}^{*-}$	29713	1	37082
29715	$e^+e^- \to \pi^- K^0 \phi D^0 \bar{D}^0 \bar{n} \Sigma_c^+$	29714	1	37083
29716	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 \bar{K}^0 D^+ D^+ D^-$	29715	1	37084
29717	$e^+e^- \to \pi^0 \pi^- \eta \bar{K}^* K^+ D_2^{*+} \bar{D}^{*0} D_s^-$	29716	1	37085
29718	$e^+e^- \to \rho^0 \pi^- \rho^+ \omega K^0 D^0 J/\psi$	29717	1	37086
29719	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^- \rho^+ \bar{K}^0 K^+ \bar{D}^{*-} D_1^+$	29718	1	37087
29720	$e^+e^- \to e^- \bar{\nu}_e \pi^+ \rho^+ \rho^- \omega D^+ \bar{D}^{*-}$	29719	1	37088
29721	$e^+e^- \to \rho^0 \rho^- \eta K^0 D^+ D^- D^{*+}$	29720	1	37089
29722	$e^+e^- \to e^+ \nu_e K^{*-} \bar{D}^{*-} \bar{\Lambda} \Lambda_c^+$	29721	1	37090
29723	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^+ \eta \omega \omega D^- \bar{D}^0$	29722	1	37091
29724	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \pi^+ \bar{K}^0 D^- \bar{D}^{*-} D^0$	29723	1	37092
29725	$e^+e^- \to e^- \bar{\nu}_e \rho^0 \pi^+ \pi^- \pi^- \rho^+ \rho^+ D^{*+} \bar{D}^{*-}$	29724	1	37093
29726	$e^+e^- \to K^* K^- D^{*+} \bar{D}^{*-} \Delta^0 \bar{\Sigma}^+$	29725	1	37094
29727	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^- \eta \omega \bar{K}^0 K^+ D^- D^{*+}$	29726	1	37095
29728	$e^+e^- \to \omega D^+ D_2^{*-} D_s^{*+} n \bar{p}$	29727	1	37096

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29729	$e^+e^- \to \pi^-\pi^-\eta D^{*+}\bar{D}^0 D_s^{*+}$	29728	1	37097
29730	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta D^0 D^0 D_s^{*-}$	29729	1	37098
29731	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^*\bar{K}^* D^- D^{*+}$	29730	1	37099
29732	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\eta D^+ D^+$	29731	1	37100
29733	$e^+e^- \to K^*\bar{K}^* K^- D^{*+} D^{*+}\bar{D}^{*-}$	29732	1	37101
29734	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega K^- D^{*+}\bar{D}^{*-}\bar{D}^0$	29733	1	37102
29735	$e^+e^- \to \mu^+\nu_\mu\pi^+ K^{*+} K^{*-} D^-\bar{D}^{*-}$	29734	1	37103
29736	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{K}^0 D^+ D^- D^{*+}$	29735	1	37104
29737	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-\omega\omega D^+ D^+$	29736	1	37105
29738	$e^+e^- \to \pi^0\pi^0\rho^+ K^0 D^- D^- D^{*+} p\bar{p}$	29737	1	37106
29739	$e^+e^- \to \omega\bar{K}^* K^{*+} D^+ D^- D_s^-$	29738	1	37107
29740	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0 K^0 D^{*+} D^{*+}\bar{D}^{*-}$	29739	1	37108
29741	$e^+e^- \to e^+\nu_e\pi^+\eta' D^- D^-$	29740	1	37109
29742	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\omega K^*\bar{D}^{*0}$	29741	1	37110
29743	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^- D^{*0} D_1'^-$	29742	1	37111
29744	$e^+e^- \to \pi^0\omega D^+\bar{D}^{*-} D_s^{*+} p\bar{\Delta}^{++}$	29743	1	37112
29745	$e^+e^- \to \rho^+ K^{*-} D^+\eta_c a_1^-$	29744	1	37113
29746	$e^+e^- \to \eta K^0 D^{*+} D^0\bar{D}^0 a_1^-$	29745	1	37114
29747	$e^+e^- \to \pi^0\pi^0\bar{K}^0 K^{*+}\bar{D}^{*-} D^{*0}\eta_c$	29746	1	37115
29748	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-\eta D^+ D^{*+}$	29747	1	37116
29749	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}\bar{D}^{*0}$	29748	1	37117
29750	$e^+e^- \to \pi^-\pi^- K_S D^{*+}\bar{\Delta}^-\Delta^0\psi'$	29749	1	37118
29751	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^- K^+ D^- D^{*+} D^0$	29750	1	37119
29752	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+} D_1^+$	29751	1	37120
29753	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{K}^0 K^+ D^+ D^-$	29752	1	37121
29754	$e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{D}^0 D^{*0}\bar{p}\Delta^+$	29753	1	37122
29755	$e^+e^- \to \pi^0\rho^0\pi^+ K^+ K^- D^+\bar{D}^{*-} D_s^-$	29754	1	37123
29756	$e^+e^- \to \tau^-\bar{\nu}_\tau K^* D^{*+}\bar{D}^0 D^{*0}$	29755	1	37124
29757	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-\omega D^+\bar{D}^{*0}$	29756	1	37125
29758	$e^+e^- \to K^0 K^- D^+\bar{D}^0 p\bar{p}$	29757	1	37126
29759	$e^+e^- \to \pi^0\rho^+\rho^+ K^- K^{*+} D^- D^-$	29758	1	37127
29760	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\bar{K}^0 D^+\bar{D}^{*-}\bar{D}^0$	29759	1	37128

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29761	$e^+e^- \to e^+\nu_e\eta D^+\bar{D}^{*-}a_1^-\gamma$	29760	1	37129
29762	$e^+e^- \to \pi^+\pi^-\eta\omega D^-D^{*+}p\bar{p}$	29761	1	37130
29763	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0\bar{K}^0K^*D^-D^-D^{*+}$	29762	1	37131
29764	$e^+e^- \to \pi^+\eta K^+D^-\bar{D}^{*-}D^0$	29763	1	37132
29765	$e^+e^- \to \rho^0K^0K^*D^+D^-\bar{n}\Xi_c^0$	29764	1	37133
29766	$e^+e^- \to \pi^-\rho^+\omega D^-\bar{p}\Sigma_c^{++}$	29765	1	37134
29767	$e^+e^- \to \tau^+\nu_\tau\rho^+\rho^-\bar{K}^0\bar{D}^{*-}$	29766	1	37135
29768	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-\omega K^0K^{*-}D^-D^{*+}$	29767	1	37136
29769	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\omega K^0K^-\eta'D^{*+}\bar{D}^{*-}$	29768	1	37137
29770	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}D_1'^-$	29769	1	37138
29771	$e^+e^- \to \pi^0\pi^+K^*\bar{K}^*\bar{K}^*K^{*-}\phi n\bar{\Xi}_c'^0$	29770	1	37139
29772	$e^+e^- \to \rho^+K^0\bar{K}^0K^+K^-K^{*-}D^-\bar{\Delta}^+\Sigma_c^{++}$	29771	1	37140
29773	$e^+e^- \to \rho^0\rho^0\pi^+K^0\bar{D}^{*-}D_s^+D_s^-$	29772	1	37141
29774	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0D^-D^{*+}n\bar{p}$	29773	1	37142
29775	$e^+e^- \to \pi^+\eta\eta'D^-D^{*+}D_s^{*-}$	29774	1	37143
29776	$e^+e^- \to \rho^0\pi^+\pi^-K^-D^+\bar{D}^{*-}\bar{D}^{*0}\bar{\Delta}^0p$	29775	1	37144
29777	$e^+e^- \to e^-\bar{\nu}_eD^-a_1^+D_1'^+$	29776	1	37145
29778	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\bar{K}^0D^-\eta_c$	29777	1	37146
29779	$e^+e^- \to \pi^0\pi^+\eta\omega D^-D^-\bar{n}p$	29778	1	37147
29780	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\omega\omega K^{*+}K^{*-}D^+D^-$	29779	1	37148
29781	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\eta'D^+\bar{D}^{*-}D_s^+$	29780	1	37149
29782	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-D_0^{*+}$	29781	1	37150
29783	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^-\bar{D}^0$	29782	1	37151
29784	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*0}$	29783	1	37152
29785	$e^+e^- \to \pi^0\rho^0D^0\bar{D}^{*0}\Lambda\bar{\Lambda}$	29784	1	37153
29786	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+K^0K^-\bar{D}^{*-}\bar{D}^{*-}$	29785	1	37154
29787	$e^+e^- \to \pi^+\omega\omega K^-K^{*+}\bar{D}^{*-}D_2^{*+}D_s^-$	29786	1	37155
29788	$e^+e^- \to \pi^0\rho^0\pi^-D_s^{*-}n\bar{n}\bar{\Sigma}^+\Lambda_c^+$	29787	1	37156
29789	$e^+e^- \to \pi^0\rho^0\eta\omega\bar{K}^*D^{*+}\bar{D}^{*-}D^0$	29788	1	37157
29790	$e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-\bar{D}^{*-}$	29789	1	37158
29791	$e^+e^- \to \pi^+\pi^-K^+\bar{D}^{*-}D^{*0}\eta_c$	29790	1	37159
29792	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta\eta K^0\bar{K}^0D^+D^-\Delta^0\bar{\Delta}^{++}$	29791	1	37160

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29793	$e^+e^- \to \pi^0\rho^+\rho^-\rho^-K^0D^+D_s^-D_s^{*+}$	29792	1	37161
29794	$e^+e^- \to \pi^0\rho^-D^+n\bar{\Sigma}_c^{*0}$	29793	1	37162
29795	$e^+e^- \to \rho^-K^{*-}D^+D^{*+}\bar{D}^0$	29794	1	37163
29796	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	29795	1	37164
29797	$e^+e^- \to \pi^-\rho^+\eta\bar{K}^0K^*K^{*+}K^{*-}D^+D^-$	29796	1	37165
29798	$e^+e^- \to K^*D^+D^{*+}\bar{D}^{*-}D_s^-\gamma$	29797	1	37166
29799	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^+\rho^-D^-\bar{D}^{*-}$	29798	1	37167
29800	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D^-D_2^{*+}$	29799	1	37168
29801	$e^+e^- \to \rho^0\rho^0\pi^-\eta K^0D^+D^+D^-$	29800	1	37169
29802	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^{*-}\bar{D}^{*-}D^0D_{s1}'^+$	29801	1	37170
29803	$e^+e^- \to \pi^+\pi^+\bar{K}^0K^*D^-D^-$	29802	1	37171
29804	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\omega\omega D^-D^{*+}$	29803	1	37172
29805	$e^+e^- \to e^+\nu_e\rho^0\rho^-K^+K^-D^-D^{*+}$	29804	1	37173
29806	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\rho^-K^{*+}D^{*+}\bar{D}^{*-}D^{*0}$	29805	1	37174
29807	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\omega K^-D^-$	29806	1	37175
29808	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega K^*D^{*+}\bar{D}^{*-}$	29807	1	37176
29809	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+D^0D_s^-$	29808	1	37177
29810	$e^+e^- \to e^+\nu_eX_u^-\pi^-\bar{D}^0D_s^{*+}$	29809	1	37178
29811	$e^+e^- \to \pi^+K^*K^-J/\psi\chi_{c1}$	29810	1	37179
29812	$e^+e^- \to \tau^+\nu_\tau D^-D^0p\bar{\Delta}^+$	29811	1	37180
29813	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu D_0^{*-}D_1^+$	29812	1	37181
29814	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^0\bar{K}^*K^+D^{*+}$	29813	1	37182
29815	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	29814	1	37183
29816	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\bar{D}^{*-}\bar{n}\Lambda_c^+$	3011	1	37184
29817	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\rho^+D^-\bar{D}^{*-}$	29816	1	37185
29818	$e^+e^- \to \rho^0\rho^+\omega K^{*-}D^-D^{*+}\bar{D}^{*0}$	29817	1	37186
29819	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}D^{*+}\Delta^-\bar{p}$	29818	1	37187
29820	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^+\rho^-K^-D^{*+}\bar{D}^{*0}$	29819	1	37188
29821	$e^+e^- \to e^+\nu_e\rho^-\eta D^+D_1^-$	29820	1	37189
29822	$e^+e^- \to \rho^0\rho^0\pi^+\omega D^-D^{*+}\Delta^-\bar{\Delta}^0$	29821	1	37190
29823	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^-D^{*+}$	29822	1	37191
29824	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^+D^-D^{*+}$	29823	1	37192

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29825	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0 D^+ D^- D_s^{*+}$	29824	1	37193
29826	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^-\bar{n}\Sigma_c^+$	29825	1	37194
29827	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}$	29826	1	37195
29828	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega D^- D^{*+} D_s^{*+}$	29827	1	37196
29829	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^0 K^{*-} D^{*+}\bar{D}^{*-}$	29828	1	37197
29830	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\omega\omega D^+ D^-$	29829	1	37198
29831	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^+\eta'\bar{D}^{*-}\bar{D}^{*-}$	29830	1	37199
29832	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\eta\eta\bar{K}^0 D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	29831	1	37200
29833	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^-\pi^-\omega K^+\bar{D}^{*0} D_1'^+$	29832	1	37201
29834	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^* K^- D^{*+}\bar{D}^{*-}$	29833	1	37202
29835	$e^+e^- \to e^+\nu_e\rho^0\bar{K}^0 K^*\bar{K}^*\eta' D_2^{*-}$	29834	1	37203
29836	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}$	29835	1	37204
29837	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+ K^*\bar{K}^* D^{*+}\bar{D}^{*-}$	29836	1	37205
29838	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta K^- D^{*+}\Delta^+\bar{\Omega}_c^{*0}$	29837	1	37206
29839	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\bar{K}^* K^+ D^+ D^-$	29838	1	37207
29840	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ K^0 K^* K^*\bar{K}^* K^{*-} D^{*+}$	29839	1	37208
29841	$e^+e^- \to \rho^+\rho^- K^0\bar{D}^0 D^{*0}$	29840	1	37209
29842	$e^+e^- \to \pi^-\rho^+ D^+\bar{D}^{*-} n\bar{p} a_1^+$	29841	1	37210
29843	$e^+e^- \to K^0 K^- D^+ D^- D_s^{*+}$	29842	1	37211
29844	$e^+e^- \to e^+\nu_e\bar{K}^* K^- D^+\bar{D}^{*-}$	29843	1	37212
29845	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\omega K^* K^- D^- D^- D_s^+$	29844	1	37213
29846	$e^+e^- \to \bar{K}^* K^+\bar{D}^{*-} D^{*0} D^{*0}\bar{D}^{*0}$	29845	1	37214
29847	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^- K^+ K^{*-} D^- D^{*+}$	29846	1	37215
29848	$e^+e^- \to \pi^+\omega K^{*+}\eta' D^-\bar{D}^{*-} D^0$	29847	1	37216
29849	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^- D^{*+}$	29848	1	37217
29850	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^{*-}$	29849	1	37218
29851	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^- K^0\bar{K}^0 D^+\bar{D}^{*-}$	29850	1	37219
29852	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0 K^+ K^{*+} K^{*-}\bar{D}^{*-} D_s^{*-}$	29851	1	37220
29853	$e^+e^- \to \pi^0\pi^-\bar{K}^0 K^* K^- K^{*+} D^{*+}\bar{D}^{*-} D_{s0}^{*+}$	29852	1	37221
29854	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+ D^{*0} D_s^{*-} D_1^+$	29853	1	37222
29855	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^* D^+ D^-\bar{D}^0$	29854	1	37223
29856	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^- D^{*+}\bar{D}^{*-} p\bar{p}$	29855	1	37224

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29857	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\eta\bar{D}^{*-}D^0$	29856	1	37225
29858	$e^+e^- \to \pi^+\pi^-\omega K^0K^{*-}D^+\bar{D}^{*-}D_s^{*+}$	29857	1	37226
29859	$e^+e^- \to e^-\bar{\nu}_e D_2^{*+}D_2^{*-}D_s^+$	29858	1	37227
29860	$e^+e^- \to \pi^-\rho^+\rho^+\bar{K}^0K^+D^-D_1'^-$	29859	1	37228
29861	$e^+e^- \to \pi^+D^-\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}a_1^+$	29860	1	37229
29862	$e^+e^- \to \pi^-\rho^-K^+D^+J/\psi$	29861	1	37230
29863	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^+D^+D^-D^{*0}$	29862	1	37231
29864	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	29863	1	37232
29865	$e^+e^- \to \rho^0\pi^-D^+D^{*+}\bar{D}^{*-}$	29864	1	37233
29866	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+K^-D^+D^-D^0$	29865	1	37234
29867	$e^+e^- \to \pi^0K^*D^+\bar{D}^{*0}\bar{p}\Lambda$	29866	1	37235
29868	$e^+e^- \to K^0D^{*+}D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0$	29867	1	37236
29869	$e^+e^- \to e^-\bar{\nu}_e\pi^+\eta\omega D^+D^-$	29868	1	37237
29870	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	29869	1	37238
29871	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	29870	1	37239
29872	$e^+e^- \to e^+\nu_e D^-D_1^-a_1^+$	29871	1	37240
29873	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0K^-D^+\Delta^+\bar{\Sigma}_c^-$	29872	1	37241
29874	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+D^-D^{*+}n\bar{p}$	29873	1	37242
29875	$e^+e^- \to \pi^0\pi^+\bar{K}^0\phi n\bar{\Sigma}_c^-$	29874	1	37243
29876	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\rho^+\eta D^-\bar{D}^{*-}$	29875	1	37244
29877	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^*K^-\eta'D^+\bar{D}^{*0}$	29876	1	37245
29878	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	29877	1	37246
29879	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\omega D^-\bar{D}^{*-}$	29878	1	37247
29880	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0K^+K^{*+}D^+D^-D_s^{*-}$	29879	1	37248
29881	$e^+e^- \to \rho^0\pi^+\rho^-\eta D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^0$	29880	1	37249
29882	$e^+e^- \to \pi^0\rho^0\pi^+K^+K^-D^-D^{*+}D_s^-$	29881	1	37250
29883	$e^+e^- \to \pi^0\pi^0\pi^+\eta'\bar{D}^{*-}\bar{p}\Xi_c'^+$	29882	1	37251
29884	$e^+e^- \to \mu^+\nu_\mu\rho^+\eta K^{*-}\bar{D}^{*-}\eta_c$	29883	1	37252
29885	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\omega\bar{K}^*\bar{D}^{*0}\eta_c$	29884	1	37253
29886	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega p\bar{\Sigma}_c^-D_1^+$	29885	1	37254
29887	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^-\rho^-\omega\omega K^{*+}D^+$	29886	1	37255
29888	$e^+e^- \to \pi^-\rho^+D^+\bar{D}^{*-}\Sigma^0\bar{\Sigma}^-D_{s1}'^+$	29887	1	37256

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29889	$e^+e^- \to \pi^0\pi^0 D^+ D_s^- J/\psi$	29888	1	37257
29890	$e^+e^- \to \pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}D^{*0}$	29889	1	37258
29891	$e^+e^- \to \pi^- K^+ K^+ K^{*-} D^{*+}\Lambda\bar{\Xi}_c'^-$	29890	1	37259
29892	$e^+e^- \to \bar{D}^{*-} J/\psi\bar{n}\Lambda D_{s1}'^+$	29891	1	37260
29893	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\eta' D^{*+}D_1^-$	29892	1	37261
29894	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\pi^- K^0 D^{*+}D^0\bar{D}^{*0}$	29893	1	37262
29895	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\omega\bar{K}^0\bar{K}^0 K^+ D^-\bar{D}^{*-}D^0$	29894	1	37263
29896	$e^+e^- \to \pi^+\pi^+\pi^-\bar{D}^0 n\bar{\Lambda}_c^-$	29895	1	37264
29897	$e^+e^- \to \pi^+\pi^-\rho^- D^+\Delta^0\bar{\Delta}^0 a_0^0$	29896	1	37265
29898	$e^+e^- \to \pi^- K^+ K^{*+} K^{*-} D^{*+}\bar{D}^{*-}D^0$	29897	1	37266
29899	$e^+e^- \to \pi^-\rho^+\bar{K}^0\bar{D}^0 D_s^+\Delta^-\bar{n}$	29898	1	37267
29900	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+}\bar{D}^0$	29899	1	37268
29901	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	29900	1	37269
29902	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^{*+}p\bar{\Delta}^+$	29901	1	37270
29903	$e^+e^- \to \pi^0\pi^0\pi^- K^*\bar{K}^* D^+ D^+ D^-\bar{D}^0$	29902	1	37271
29904	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\rho^+\rho^+\rho^- K^{*-}\bar{D}^{*-}D^0$	29903	1	37272
29905	$e^+e^- \to \pi^0\pi^-\bar{K}^* D^+ D^-\bar{D}^{*0}D_s^+$	29904	1	37273
29906	$e^+e^- \to \pi^0\rho^0\rho^-\omega\omega D^+ D^+ n\bar{p}$	29905	1	37274
29907	$e^+e^- \to \rho^0\pi^-\pi^-\omega K^0\bar{K}^0 D^+\bar{D}^{*-}\bar{n}\Delta^{++}$	29906	1	37275
29908	$e^+e^- \to \rho^-\bar{K}^* D^+ D^+\bar{D}^{*-}$	29907	1	37276
29909	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega K^0\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}_c^{*0}$	29908	1	37277
29910	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega\bar{K}^0 D^- D^0$	29909	1	37278
29911	$e^+e^- \to \pi^+\pi^-\omega K^* K^* K^- D^+ D_s^+ D_s^{*-}$	29910	1	37279
29912	$e^+e^- \to \pi^0\pi^+ K^* K^*\bar{K}^* K^+ K^- K^- D^- D^{*+}$	29911	1	37280
29913	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\eta\omega\omega D^+ D^-$	29912	1	37281
29914	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta\bar{K}^0 K^* D^{*+}\bar{D}^{*-}$	29913	1	37282
29915	$e^+e^- \to \rho^0\rho^0\pi^- D^{*+}\bar{D}^{*-}D_s^+$	29914	1	37283
29916	$e^+e^- \to \pi^+\bar{K}^0\eta_c\Delta^0\bar{\Lambda}_c^-$	29915	1	37284
29917	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\eta' D^- D^{*+}$	29916	1	37285
29918	$e^+e^- \to \rho^-\omega D^+\bar{D}^{*-}D_{s1}'^+$	29917	1	37286
29919	$e^+e^- \to \pi^+\rho^+ K^0\bar{K}^0\bar{D}^{*-}D^0 D_s^{*-}$	29918	1	37287
29920	$e^+e^- \to \pi^0\pi^+\pi^+ K^-\bar{D}^{*-}\bar{D}^0 D^{*0}$	29919	1	37288

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29921	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^-D^{*+}$	29920	1	37289
29922	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\omega\bar{D}^{*-}D_2^{*+}$	29921	1	37290
29923	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+\bar{D}^{*0}n\bar{n}$	29922	1	37291
29924	$e^+e^- \to \pi^0\pi^-\rho^+\bar{K}^0K^+K^-D_s^-D_s^{*+}$	29923	1	37292
29925	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D^{*+}\Sigma^0\bar{\Sigma}^-$	29924	1	37293
29926	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^0$	29925	1	37294
29927	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-K^+D^+\bar{D}^{*-}\bar{\Lambda}\Xi^-$	29926	1	37295
29928	$e^+e^- \to K^+K^-\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Sigma_c^{*++}$	29927	1	37296
29929	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+K^{*-}D^-\bar{n}\Sigma_c^+$	29928	1	37297
29930	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0D^{*+}$	29929	1	37298
29931	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^0K^-D^{*+}\bar{D}^{*-}D_s^-$	29930	1	37299
29932	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-K^+K^-D^{*+}\bar{D}^{*-}$	29931	1	37300
29933	$e^+e^- \to \pi^+\pi^-\omega K^0K^-K^{*+}\bar{p}\Lambda_c^+$	29932	1	37301
29934	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\eta\omega K^+K^-D^+D^-$	29933	1	37302
29935	$e^+e^- \to \pi^+\pi^-\pi^-\bar{K}^*D^0\bar{D}^{*0}\bar{p}\Sigma_c^{*++}$	29934	1	37303
29936	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^+D^-D_2^{*+}$	29935	1	37304
29937	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^-n\bar{n}\bar{\Sigma}_c^0\Lambda_c^+$	29936	1	37305
29938	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\rho^+\omega\bar{D}^{*-}D^0$	29937	1	37306
29939	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta\omega\omega\omega\bar{K}^0\bar{D}^0$	29938	1	37307
29940	$e^+e^- \to \pi^0\pi^-\bar{K}^0K^*K^*K^+K^-D^{*+}D^{*+}\bar{D}^{*-}$	29939	1	37308
29941	$e^+e^- \to \pi^0\rho^-\omega K^*D^+D^-D^{*+}$	29940	1	37309
29942	$e^+e^- \to \pi^0\pi^0\pi^-K^+D^{*+}D^{*+}\bar{D}^{*-}n\bar{p}$	29941	1	37310
29943	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^+D_2^{*-}$	29942	1	37311
29944	$e^+e^- \to K^{*+}D^+D^-D_s^{*-}$	29943	1	37312
29945	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0K^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-}n\bar{p}$	29944	1	37313
29946	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+}n\bar{p}$	29945	1	37314
29947	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+}\bar{D}^{*-}n\bar{n}$	29946	1	37315
29948	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^0K^-D^+D^-$	29947	1	37316
29949	$e^+e^- \to \pi^-\pi^-\rho^+D^+D^-\bar{p}\Delta^{++}$	29948	1	37317
29950	$e^+e^- \to \pi^-\rho^+K^+\bar{D}^{*-}J/\psi$	29949	1	37318
29951	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	29950	1	37319
29952	$e^+e^- \to \pi^0\pi^0\rho^-\eta K^0D^+D^+D^-$	29951	1	37320

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29953	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-K^+K^-K^{*+}D^+\bar{D}^0$	29952	1	37321
29954	$e^+e^- \to \pi^0\pi^-\omega K^+D^{*+}\bar{D}^{*-}\bar{p}\Sigma_c^+$	29953	1	37322
29955	$e^+e^- \to \pi^-\rho^-\eta D^+\bar{D}^{*-}\bar{n}\Delta^{++}$	29954	1	37323
29956	$e^+e^- \to \mu^+\nu_\mu\rho^+D^-\bar{D}^{*-}n\bar{n}$	29955	1	37324
29957	$e^+e^- \to \rho^+\omega K^0D^-D^{*+}\bar{D}^{*-}$	29956	1	37325
29958	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\eta K^0\bar{K}^0D^-D^0D_s^-$	29957	1	37326
29959	$e^+e^- \to \rho^-\eta\eta\bar{K}^*K^{*+}D^{*+}\bar{D}^{*-}$	29958	1	37327
29960	$e^+e^- \to \rho^0\pi^-K^0\bar{K}^0\phi D^+D^-a_1^+$	29959	1	37328
29961	$e^+e^- \to \mu^+\nu_\mu\pi^+\omega K^{*+}K^{*-}D^-D_1^-$	29960	1	37329
29962	$e^+e^- \to \rho^+\omega D^-D^{*+}D_s^{*-}$	29961	1	37330
29963	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+K^+D^{*+}J/\psi$	29962	1	37331
29964	$e^+e^- \to D^-D^0\bar{\Delta}^-n\bar{n}\Delta^0$	29963	1	37332
29965	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\rho^-D^0\Delta^+\bar{\Sigma}_c^{*0}$	29964	1	37333
29966	$e^+e^- \to e^-\bar{\nu}_e\eta\eta K^0D^{*+}\eta_c$	29965	1	37334
29967	$e^+e^- \to \pi^+\eta\eta\omega K^0K^0\bar{K}^0K^{*-}D^+D^-$	3012	1	37335
29968	$e^+e^- \to \pi^0\rho^+\omega K^+D^-D^0\bar{p}\Sigma_c^0$	29967	1	37336
29969	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^0D^{*0}\psi(3770)$	29968	1	37337
29970	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	29969	1	37338
29971	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-K^{*+}D^-D^0\bar{D}^0$	29970	1	37339
29972	$e^+e^- \to e^+e^+\nu_e\nu_eX_u^-\bar{D}^{*-}$	29971	1	37340
29973	$e^+e^- \to \pi^+\pi^-\rho^-\omega K^0D^+D^{*+}\bar{D}^{*-}$	29972	1	37341
29974	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-}\chi_{c1}$	29973	1	37342
29975	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+D^-D^0D_s^{*-}p\bar{p}$	29974	1	37343
29976	$e^+e^- \to \rho^+K^-K^{*+}D^{*+}\bar{D}^{*-}\Sigma^-\bar{\Sigma}^0$	29975	1	37344
29977	$e^+e^- \to \tau^+\nu_\tau\rho^-D^+D^-$	29976	1	37345
29978	$e^+e^- \to \pi^-D^-\bar{D}^0D_s^+D_s^+$	29977	1	37346
29979	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-K^+K^-\eta'D^{*+}\bar{D}^{*-}$	29978	1	37347
29980	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^-\bar{D}^{*-}$	29979	1	37348
29981	$e^+e^- \to \pi^+\rho^-\omega K^+K^+K^-K^-D^+D^-\gamma\gamma$	29980	1	37349
29982	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^-K^0\bar{K}^*D^{*+}D^{*0}$	29981	1	37350
29983	$e^+e^- \to \rho^+\eta K^-D^-D^{*+}\bar{D}^{*0}$	29982	1	37351
29984	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^0K^-\eta'\bar{D}^{*0}\bar{n}\Xi_c'^0$	29983	1	37352

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
29985	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^0\bar{K}^0K^-K^{*+}D^+D^-\gamma$	29984	1	37353
29986	$e^+e^- \to \pi^0\pi^-\eta D^+D_2^{*-}D_s^+$	29985	1	37354
29987	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^-\bar{K}^0K^+D^+D^{*+}$	29986	1	37355
29988	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+\eta\eta\omega\omega D^-D^0$	29987	1	37356
29989	$e^+e^- \to \rho^0\pi^+\eta' D^-D^0\bar{\Sigma}^0\Sigma^{*0}$	29988	1	37357
29990	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\rho^-K^-D^+\bar{D}^{*-}$	29989	1	37358
29991	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^-$	29990	1	37359
29992	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D^0$	29991	1	37360
29993	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\rho^+\rho^-\bar{D}^{*-}\bar{D}^{*-}$	29992	1	37361
29994	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	29993	1	37362
29995	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	29994	1	37363
29996	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta\omega D^+D^-$	29995	1	37364
29997	$e^+e^- \to e^+\nu_e\eta K^-\bar{D}^{*-}\bar{p}\Sigma_c^{++}$	29996	1	37365
29998	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+\bar{D}^{*-}\bar{n}p$	29997	1	37366
29999	$e^+e^- \to \pi^+K^0K^-D^{*+}\bar{D}^{*-}$	29998	1	37367
30000	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0\bar{K}^*\eta' D^-D^{*+}$	29999	1	37368
30001	$e^+e^- \to K^-D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+\gamma$	30000	1	37369
30002	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}$	30001	1	37370
30003	$e^+e^- \to \rho^0\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	30002	1	37371
30004	$e^+e^- \to K^{*+}\bar{D}^{*-}D^{*0}J/\psi\bar{K}_1^0$	30003	1	37372
30005	$e^+e^- \to \omega K^0D^-\bar{\Sigma}^+\Sigma^0\Sigma^{*0}\bar{\Sigma}_c^{*0}$	30004	1	37373
30006	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*K^-D^+D^-\eta_c$	30005	1	37374
30007	$e^+e^- \to \pi^0\bar{K}^*K^+D^+\bar{D}^{*-}D_{s1}^-$	30006	1	37375
30008	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega D^{*+}J/\psi n\bar{n}$	30007	1	37376
30009	$e^+e^- \to \mu^+\nu_\mu D^+a_1^-D_1'^-\gamma$	30008	1	37377
30010	$e^+e^- \to K^-K^-D^+D^{*+}\bar{D}^{*0}$	30009	1	37378
30011	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\eta K^-\bar{D}^{*-}D^0$	30010	1	37379
30012	$e^+e^- \to \bar{K}^0K^{*+}D^-D^0D^0\bar{D}^{*0}$	30011	1	37380
30013	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^-\rho^-D^+\bar{D}^0$	30012	1	37381
30014	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\eta K^0K^+K^-K^-D^{*+}\bar{D}^{*-}$	30013	1	37382
30015	$e^+e^- \to \bar{K}^0\bar{K}^0D_s^+D_s^-\Delta^+\bar{\Xi}_c^{*-}$	30014	1	37383
30016	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-D^{*+}a_1^-$	30015	1	37384

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30017	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^+K^{*-}D^{*+}\bar{D}^{*-}$	30016	1	37385
30018	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^+D^{*+}D_s^-$	30017	1	37386
30019	$e^+e^- \to \pi^0\rho^+\omega D^+D^-a_1^-$	30018	1	37387
30020	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^+D^{*0}a_1^-$	30019	1	37388
30021	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^*D_2^{*+}\eta_c$	30020	1	37389
30022	$e^+e^- \to \pi^+\pi^+\eta\omega K^0\bar{K}^0K^{*-}D^-D^{*0}\bar{D}^{*0}$	30021	1	37390
30023	$e^+e^- \to \pi^0\bar{K}^0D^+D^-\bar{D}^{*-}D_{s1}^+\gamma$	30022	1	37391
30024	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^-D^0a_1^+$	30023	1	37392
30025	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^+D^-a_1^+$	30024	1	37393
30026	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^{*+}D_s^-D_s^{*+}$	30025	1	37394
30027	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega K^0\bar{K}^0D^0$	30026	1	37395
30028	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-D^{*+}D^0$	30027	1	37396
30029	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-K^{*+}K^{*-}D^-D_2^{*+}$	30028	1	37397
30030	$e^+e^- \to e^-\bar{\nu}_e\eta K^*D^{*+}\eta_c$	30029	1	37398
30031	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{D}^{*-}\bar{\Delta}^-n\bar{n}\Lambda_c^+$	30030	1	37399
30032	$e^+e^- \to \pi^0\rho^0\eta K^*\bar{K}^*D^+\bar{D}^{*-}$	30031	1	37400
30033	$e^+e^- \to \tau^-\bar{\nu}_\tau\eta D^+p\bar{\Sigma}_c^-$	30032	1	37401
30034	$e^+e^- \to \rho^+\rho^-\eta\eta D^0\bar{D}^0\bar{p}\Delta^+$	30033	1	37402
30035	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0D^-D^{*+}a_1^-$	30034	1	37403
30036	$e^+e^- \to e^-\bar{\nu}_eD^{*+}\bar{D}^0\Delta^0\bar{\Lambda}$	30035	1	37404
30037	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^*K^-D^+D^{*+}$	30036	1	37405
30038	$e^+e^- \to \pi^+\pi^-\rho^+\eta\bar{K}^*D^+D^-\bar{D}^{*-}$	30037	1	37406
30039	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta D^-D^{*+}p\bar{p}$	30038	1	37407
30040	$e^+e^- \to K^0\bar{K}^0D^{*+}\bar{D}^{*-}D_s^+n\bar{p}$	30039	1	37408
30041	$e^+e^- \to \pi^0\bar{K}^0K^*\eta'\bar{D}^{*-}D^0D_{s1}'^+$	30040	1	37409
30042	$e^+e^- \to \rho^0\pi^+\rho^-K^0K^-D^+p\bar{\Lambda}_c^-$	30041	1	37410
30043	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega D^+\bar{D}^0$	30042	1	37411
30044	$e^+e^- \to \pi^0\rho^0\pi^-\eta K^0D^+D^-D^{*+}$	30043	1	37412
30045	$e^+e^- \to \rho^+\rho^-K^0\bar{K}^0D_2^{*-}D_s^{*+}$	30044	1	37413
30046	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta K^0\bar{K}^*D^+\bar{D}^{*-}$	30045	1	37414
30047	$e^+e^- \to \pi^0\pi^0\bar{K}^*D^-D^{*+}\bar{D}^{*-}D_s^+\gamma$	30046	1	37415
30048	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\eta D^{*+}\bar{D}^{*-}$	30047	1	37416

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30049	$e^+e^- \to e^-\bar{\nu}_e\pi^-\omega K^+D^+D^-D^{*+}$	30048	1	37417
30050	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta\omega D^{*+}D_2^{*-}$	30049	1	37418
30051	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}\bar{n}p$	30050	1	37419
30052	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\omega K^{*+}\Delta^+\bar{\Sigma}_c^{--}$	30051	1	37420
30053	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	30052	1	37421
30054	$e^+e^- \to e^+\nu_e\pi^0\omega K^0K^{*-}D^{*+}D_2^{*-}$	30053	1	37422
30055	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^-D_s^+\eta_c$	30054	1	37423
30056	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{D}^0D^{*0}D_s^+$	30055	1	37424
30057	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}$	30056	1	37425
30058	$e^+e^- \to K^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D^{*0}$	30057	1	37426
30059	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	30058	1	37427
30060	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	30059	1	37428
30061	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\bar{K}^0K^+D^-\bar{D}^{*-}$	30060	1	37429
30062	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^+K^-D^+\bar{D}^{*-}$	30061	1	37430
30063	$e^+e^- \to e^-\bar{\nu}_e\eta\eta\eta\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	30062	1	37431
30064	$e^+e^- \to \rho^0\rho^+K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	30063	1	37432
30065	$e^+e^- \to \pi^+\rho^+K^*K^{*-}\eta_c\Delta^0\bar{\Sigma}_c^{*-}$	30064	1	37433
30066	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-D^-D^{*+}$	30065	1	37434
30067	$e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}D^{*0}D_0^{*-}$	30066	1	37435
30068	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^-D^{*+}D^{*+}\bar{D}^{*0}$	30067	1	37436
30069	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+D^+D^-n\bar{p}$	30068	1	37437
30070	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^-D^-\bar{K}_1^0\psi'$	30069	1	37438
30071	$e^+e^- \to \rho^0\pi^+\pi^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0$	30070	1	37439
30072	$e^+e^- \to \pi^0\pi^0D^-D^{*+}D_s^{*+}a_1^-$	30071	1	37440
30073	$e^+e^- \to \bar{K}^0\bar{K}^0D^+D^-n\bar{\Xi}_c'^0$	30072	1	37441
30074	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta K^0\bar{K}^*D^+D^-$	30073	1	37442
30075	$e^+e^- \to \mu^+\nu_\mu\rho^+\eta\bar{K}^0D^-\bar{D}^{*-}D^0$	30074	1	37443
30076	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-D^+D^-D_s^{*+}$	30075	1	37444
30077	$e^+e^- \to e^+\nu_e\pi^0K^0K^0\bar{K}^*K^{*-}D^-D^{*+}$	30076	1	37445
30078	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^-\rho^+K^0D^+\bar{D}^{*0}$	30077	1	37446
30079	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+D^{*+}\bar{D}^{*-}D_s^{*-}$	30078	1	37447
30080	$e^+e^- \to \mu^+\nu_\mu D^-D^{*0}n\bar{\Delta}^0$	30079	1	37448

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30081	$e^+e^- \to e^-\bar{\nu}_e K^+ D^- D^0 D_1^+$	30080	1	37449
30082	$e^+e^- \to e^+\nu_e \pi^0\pi^+\pi^+\pi^-\omega\omega\eta' \bar{D}^{*-} D_2^{*-}$	30081	1	37450
30083	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+ D^-$	30082	1	37451
30084	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^- K^* K^{*-} D^+ \bar{D}^{*-}$	30083	1	37452
30085	$e^+e^- \to \mu^+\nu_\mu \pi^- K^+ K^- D^{*+} \bar{D}^{*-}$	30084	1	37453
30086	$e^+e^- \to \mu^+\nu_\mu \rho^-\omega\omega D^+ \bar{D}^{*-}$	30085	1	37454
30087	$e^+e^- \to \rho^0\pi^+\bar{K}^* K^+ K^- \bar{D}^{*-}\eta_c$	30086	1	37455
30088	$e^+e^- \to \omega K^+ \bar{D}^{*-} D^{*0} J/\psi$	30087	1	37456
30089	$e^+e^- \to \pi^+\pi^-\bar{K}^*\bar{D}^0\psi'$	30088	1	37457
30090	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- K^- D^+ \bar{D}^{*-}\bar{D}^{*0}$	30089	1	37458
30091	$e^+e^- \to e^-\bar{\nu}_e \rho^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 K^+ D^{*+}\bar{D}^{*-}$	30090	1	37459
30092	$e^+e^- \to \rho^0\rho^0\eta K^- D^+ D_s^{*+}\Delta^0\bar{\Delta}^+$	30091	1	37460
30093	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\eta\eta K^+ K^- \bar{D}^{*-} D^0$	30092	1	37461
30094	$e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^-\pi^-\rho^+\eta D^{*+}$	30093	1	37462
30095	$e^+e^- \to e^+\nu_e \eta\bar{K}^* K^- D^+ \bar{D}^{*-}$	30094	1	37463
30096	$e^+e^- \to \pi^+\eta K^+ \bar{D}^{*-} D^{*0}\Sigma^-\bar{\Xi}_c^0$	30095	1	37464
30097	$e^+e^- \to e^+\nu_e \rho^0\bar{D}^{*0} D_0^{*-}$	30096	1	37465
30098	$e^+e^- \to e^+\nu_e \pi^-\pi^-\omega\bar{K}^* K^+ D^{*+}\bar{D}^{*-}$	30097	1	37466
30099	$e^+e^- \to \pi^-\rho^+\eta\omega K^+ D^- \bar{D}^{*-} D_s^{*+}$	3013	1	37467
30100	$e^+e^- \to \pi^0\pi^+\bar{K}^0 K^+ \bar{D}^{*-} D^0 n\bar{\Sigma}_c^-$	30099	1	37468
30101	$e^+e^- \to e^+\nu_e \omega D^+ D^- D_s^{*-}$	30100	1	37469
30102	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta K^0 K^0\bar{K}^* D^{*+}\bar{D}^{*0}$	30101	1	37470
30103	$e^+e^- \to K^0 K^0 K^{*-} D^+ D^+ D^-\gamma$	30102	1	37471
30104	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^* D^+ D^- \bar{D}^{*-}$	30103	1	37472
30105	$e^+e^- \to \rho^+ K^{*-} D^- p\bar{p}\bar{\Lambda}\Xi_c'^+$	30104	1	37473
30106	$e^+e^- \to \pi^+ K^- D^- D^0\bar{D}^0\bar{\Delta}^-\Delta^0$	30105	1	37474
30107	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\Xi^{*-}\bar{\Xi}_c^0$	30106	1	37475
30108	$e^+e^- \to \rho^0\omega\bar{K}^0 K^+ D^- \bar{D}^{*-} a_1^+$	30107	1	37476
30109	$e^+e^- \to \pi^+\eta\omega K^{*-} D^+ D^- \bar{D}^0 n\bar{n}$	30108	1	37477
30110	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^-\rho^-\eta\bar{K}^0 K^* D^0\bar{D}^0$	30109	1	37478
30111	$e^+e^- \to \rho^-\bar{K}^* D^{*0}\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^+$	30110	1	37479
30112	$e^+e^- \to e^-\bar{\nu}_e \pi^0\rho^0 D^{*+}\bar{D}^0$	30111	1	37480

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30113	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+\bar{K}^*K^+D^+D^-$	30112	1	37481
30114	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^+\bar{D}^{*-}D_s^{*-}$	30113	1	37482
30115	$e^+e^- \to \rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	30114	1	37483
30116	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega D^+D^-$	30115	1	37484
30117	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-K^-D^+D^-\bar{D}^{*0}$	30116	1	37485
30118	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^+K^*K^-D^{*+}\bar{D}^{*-}$	30117	1	37486
30119	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^0\pi^+\omega D^{*+}\bar{D}^{*-}$	30118	1	37487
30120	$e^+e^- \to \pi^+\rho^+\omega\omega D^-D^0D_s^-$	30119	1	37488
30121	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^*K^{*-}D^+D^{*+}$	30120	1	37489
30122	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^0K^+D^-\bar{D}^{*-}$	30121	1	37490
30123	$e^+e^- \to \pi^0\pi^-\pi^-\omega K^+D^+D^{*+}\bar{D}^{*-}$	30122	1	37491
30124	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	30123	1	37492
30125	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	30124	1	37493
30126	$e^+e^- \to \pi^0\rho^-\bar{K}^*D^{*+}\eta_c$	30125	1	37494
30127	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_s^-D_1'^+\gamma$	30126	1	37495
30128	$e^+e^- \to \pi^0\pi^-\rho^+\rho^-D^-D^{*+}\bar{\Sigma}^0\Sigma^+$	30127	1	37496
30129	$e^+e^- \to e^+\nu_e\rho^0D^+\bar{D}^{*-}D_s^-$	30128	1	37497
30130	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0K^+D^-D^{*0}$	30129	1	37498
30131	$e^+e^- \to \pi^0\rho^0K^0K^0\bar{K}^0K^{*-}D^+\bar{D}^{*-}D_s^+$	30130	1	37499
30132	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^{*+}a_1^-$	3014	1	37500
30133	$e^+e^- \to \pi^0\rho^0\rho^+\rho^-\omega D^-\bar{\Delta}^0\Sigma_c^+$	30132	1	37501
30134	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{n}\Sigma_c^0$	30133	1	37502
30135	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\omega\bar{K}^0K^{*+}\bar{D}^{*-}\Sigma^+\bar{\Xi}_c^-\gamma$	30134	1	37503
30136	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega\omega K^0K^-D^+D^{*+}$	30135	1	37504
30137	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\bar{D}^{*-}\bar{p}\Lambda_c^+$	30136	1	37505
30138	$e^+e^- \to \pi^0\rho^0\pi^+\omega\omega D^-D^{*+}D_{s1}'^-$	30137	1	37506
30139	$e^+e^- \to \eta\omega K^0K^+K^{*-}D^{*+}D_{s1}'^-$	30138	1	37507
30140	$e^+e^- \to \rho^0\pi^+\eta'D^-D_2^{*-}D_s^+$	30139	1	37508
30141	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\eta K^0D^+\bar{D}^{*-}D_s^-\gamma$	30140	1	37509
30142	$e^+e^- \to \pi^0\rho^+\rho^-\rho^-D^+\bar{D}^{*-}a_1^+$	30141	1	37510
30143	$e^+e^- \to \tau^+\nu_\tau\pi^-K^0K^-D^{*+}\bar{n}pD_1'^-$	30142	1	37511
30144	$e^+e^- \to \pi^+\rho^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}a_1^+$	30143	1	37512

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30145	$e^+e^- \to \pi^0\pi^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-}$	30144	1	37513
30146	$e^+e^- \to \pi^0\pi^0\bar{K}^0K^+K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0$	30145	1	37514
30147	$e^+e^- \to K^0J/\psi\bar{\Delta}^+\Xi_c^{*+}K_1^0$	30146	1	37515
30148	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^*K^+K^-D^-D^{*+}$	30147	1	37516
30149	$e^+e^- \to e^+\nu_e\rho^0D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	30148	1	37517
30150	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0D^-D^{*0}$	30149	1	37518
30151	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\omega K^0D_1'^-$	30150	1	37519
30152	$e^+e^- \to \pi^+\bar{K}^0\bar{K}^0K^*\bar{D}^{*-}\Lambda_c^+\bar{\Lambda}_c^-$	30151	1	37520
30153	$e^+e^- \to e^-\bar{\nu}_e\pi^-K^{*+}D^+D^-D^{*+}$	30152	1	37521
30154	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta D^{*+}\bar{D}^{*-}D_{s1}'^+\gamma$	30153	1	37522
30155	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-K^+K^-D^+D^{*+}$	30154	1	37523
30156	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^{*+}D^0\bar{D}^{*0}$	30155	1	37524
30157	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta K^-D^-D^{*+}\bar{D}^{*0}$	30156	1	37525
30158	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*0}$	30157	1	37526
30159	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta K^-D^-D^0$	3015	1	37527
30160	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^+K^-K^-D^+\bar{D}^{*0}\Sigma^-\bar{\Xi}^+$	30159	1	37528
30161	$e^+e^- \to \pi^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^{*+}p\bar{p}$	30160	1	37529
30162	$e^+e^- \to \pi^-\pi^-\eta'D^{*+}p\bar{\Sigma}_c^0$	30161	1	37530
30163	$e^+e^- \to \mu^+\nu_\mu\rho^0K^{*-}D^{*+}\bar{D}^{*-}$	30162	1	37531
30164	$e^+e^- \to \rho^-D^{*+}p\bar{\Xi}_c'^0a_1^-$	30163	1	37532
30165	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	30164	1	37533
30166	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_2^{*+}a_1^+\gamma$	30165	1	37534
30167	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+K^0K^{*-}D^+\bar{D}^{*-}$	30166	1	37535
30168	$e^+e^- \to \rho^0\pi^+\eta\eta\bar{D}^{*-}D_s^+D_s^-n\bar{n}$	30167	1	37536
30169	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^+K^-D^+\bar{D}^0\bar{n}\Delta^0$	30168	1	37537
30170	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\bar{K}^*D^-\bar{D}^{*-}$	30169	1	37538
30171	$e^+e^- \to \pi^0\pi^0\rho^+\omega\omega D^-\bar{D}^{*-}a_1^+$	30170	1	37539
30172	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-K^+K^-\eta'D^+D^{*+}$	30171	1	37540
30173	$e^+e^- \to \pi^0\pi^0\pi^-D^+D^{*+}D_{s1}'^-$	30172	1	37541
30174	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{K}^0\bar{K}^0K^*D^-\bar{D}^{*-}$	30173	1	37542
30175	$e^+e^- \to K^0K^{*-}D^-D^{*+}a_1^+$	30174	1	37543
30176	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^0K^+K^-D^+D^{*0}D_s^{*-}$	30175	1	37544

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30177	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^-K^*D^+D^{*+}$	30176	1	37545
30178	$e^+e^- \to \rho^0\rho^+\bar{D}^{*-}\bar{D}^{*0}n\bar{n}p\bar{p}$	30177	1	37546
30179	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}D^{*0}D_s^+$	30178	1	37547
30180	$e^+e^- \to \pi^+\bar{K}^*D^+D^-\bar{D}^{*-}$	30179	1	37548
30181	$e^+e^- \to \pi^0K^-D^{*+}\bar{D}^{*-}\bar{D}^0\bar{\Delta}^-n$	30180	1	37549
30182	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0D^{*+}\bar{D}^{*-}D^0$	30181	1	37550
30183	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-\omega D^{*+}D^{*+}n\bar{p}$	30182	1	37551
30184	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta K^0D^{*+}\bar{D}^0$	30183	1	37552
30185	$e^+e^- \to e^+\nu_e\pi^+\pi^-D^+D_s^-D_1^-$	30184	1	37553
30186	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta\omega K^*D^{*+}\bar{D}^{*-}$	30185	1	37554
30187	$e^+e^- \to K_SD^{*+}a_1^-\chi_{c1}$	30186	1	37555
30188	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D_1^+D_1'^+$	30187	1	37556
30189	$e^+e^- \to \mu^+\nu_\mu K^+\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*0}$	30188	1	37557
30190	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}p\bar{\Sigma}^{*0}D_0^{*+}$	30189	1	37558
30191	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\omega K^0\bar{K}^0K^+D^+$	30190	1	37559
30192	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^*D^+D^-\bar{D}^{*-}$	30191	1	37560
30193	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\bar{D}^{*-}\bar{D}^0$	30192	1	37561
30194	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^+K^-K^-\bar{D}^{*-}D_s^+$	30193	1	37562
30195	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\rho^+\omega\omega D^{*0}D_1'^-$	30194	1	37563
30196	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*D^-\bar{D}^0\Lambda\bar{\Lambda}$	30195	1	37564
30197	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\omega D^-D^{*+}\Sigma^-\bar{\Sigma}^-$	30196	1	37565
30198	$e^+e^- \to \pi^0\rho^0\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	30197	1	37566
30199	$e^+e^- \to \pi^+\omega\bar{K}^0K^*\bar{D}^{*-}D_s^-D_1^+$	30198	1	37567
30200	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^0\rho^+\bar{D}^{*-}\bar{D}^0$	30199	1	37568
30201	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega\bar{D}^0D_s^{*+}$	30200	1	37569
30202	$e^+e^- \to \pi^+\bar{D}^{*-}D_s^+\bar{p}\Xi_c'^0$	30201	1	37570
30203	$e^+e^- \to D^+D^-\Delta^-\bar{\Delta}^0D_{s1}'^+$	30202	1	37571
30204	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^0$	30203	1	37572
30205	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\omega K^0D^-D^{*+}$	30204	1	37573
30206	$e^+e^- \to e^+\nu_e\pi^+\pi^-\rho^-\bar{K}^*\bar{n}pD_1'^-$	30205	1	37574
30207	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\bar{D}^{*-}\bar{n}\Sigma_c^+$	30206	1	37575
30208	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+K^{*-}D^0\bar{D}^0D_1'^-$	30207	1	37576

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30209	$e^+e^- \to \pi^+\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}D^0D^{*0}$	30208	1	37577
30210	$e^+e^- \to \pi^+K^0J/\psi\Lambda\bar{\Lambda}_c^-$	30209	1	37578
30211	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^+K^0K^-D^{*+}\bar{D}^{*-}$	30210	1	37579
30212	$e^+e^- \to D^-D^{*+}D_2^{*-}D_s^{*+}$	30211	1	37580
30213	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^0\Lambda\bar{\Lambda}$	30212	1	37581
30214	$e^+e^- \to e^+\nu_e\rho^+D^-D^-n\bar{n}$	30213	1	37582
30215	$e^+e^- \to \pi^0\pi^0\rho^-\rho^-D^{*+}p\bar{\Sigma}_c^0$	30214	1	37583
30216	$e^+e^- \to \pi^+\rho^-\rho^-\rho^-K^+D^+D^-D^{*+}$	30215	1	37584
30217	$e^+e^- \to \pi^-\rho^+K^*K^-D^+D_s^-n\bar{\Xi}^+$	30216	1	37585
30218	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^*K^+D^+\bar{D}^{*-}$	30217	1	37586
30219	$e^+e^- \to \pi^+\pi^-\eta K^{*-}D^{*+}\bar{D}^0\bar{D}^{*0}n\bar{n}$	30218	1	37587
30220	$e^+e^- \to \pi^-\bar{K}^*K^+K^{*+}\bar{D}^{*-}D^0\bar{D}^0$	30219	1	37588
30221	$e^+e^- \to \pi^+D^+D_s^{*-}n\bar{\Sigma}_c^-$	30220	1	37589
30222	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^+K^-\eta'D^-D^{*+}n\bar{p}$	30221	1	37590
30223	$e^+e^- \to \pi^0\bar{K}^0K^-K^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	30222	1	37591
30224	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega\eta'D^{*+}D^{*0}$	30223	1	37592
30225	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\pi^-\rho^+\bar{D}^{*-}D^{*0}$	30224	1	37593
30226	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+K^*K^{*-}D^-D^{*+}\bar{D}^0$	30225	1	37594
30227	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^-D^{*+}\Sigma^+\bar{\Sigma}^-$	30226	1	37595
30228	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\omega D^-D_s^+$	30227	1	37596
30229	$e^+e^- \to \pi^0\pi^0K^*K^-K^-K^{*+}D^+D_2^{*-}D_s^+$	30228	1	37597
30230	$e^+e^- \to \pi^0\pi^0K^{*+}D^+D^-D^0D_s^-$	30229	1	37598
30231	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\eta'D^{*+}p\bar{\Lambda}_c^-$	30230	1	37599
30232	$e^+e^- \to \pi^+D^+D^-D_s^-p\bar{p}$	30231	1	37600
30233	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^+K^-K^-D^{*+}\bar{D}^{*-}$	30232	1	37601
30234	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\rho^+\rho^+\eta D^-\bar{D}^{*-}$	30233	1	37602
30235	$e^+e^- \to e^+\nu_e\pi^+\phi\bar{D}^{*-}D^0D_s^-$	30234	1	37603
30236	$e^+e^- \to \pi^-K^*D^+D^-\bar{\Delta}^+\Sigma_c^{++}$	30235	1	37604
30237	$e^+e^- \to \pi^0D^+\bar{\Delta}^+\Sigma^-\bar{\Sigma}^0\Sigma_c^+$	30236	1	37605
30238	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^{*+}D^+D^-D^{*0}$	30237	1	37606
30239	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\rho^-\rho^-\eta\omega K^{*-}D^+D^+$	30238	1	37607
30240	$e^+e^- \to \pi^-\eta\bar{p}\Delta^+\Sigma_c^+\bar{\Xi}_c^{*0}$	30239	1	37608

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30241	$e^+e^- \to K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}a_1^+$	30240	1	37609
30242	$e^+e^- \to e^+\nu_e\pi^+\rho^+\rho^-D^-D^-$	30241	1	37610
30243	$e^+e^- \to D^-D_s^{*-}D_1^+a_1^+$	30242	1	37611
30244	$e^+e^- \to \pi^0\rho^0\pi^+\eta\omega\omega K^0K^{*-}D^+D^-$	30243	1	37612
30245	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0\bar{K}^*\bar{K}^*\bar{D}^{*-}$	30244	1	37613
30246	$e^+e^- \to \rho^+\rho^-D^{*+}D_2^{*-}\gamma$	30245	1	37614
30247	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-D^+D^+$	30246	1	37615
30248	$e^+e^- \to D^{*+}D_2^{*+}D_s^-\Delta^-\bar{n}$	30247	1	37616
30249	$e^+e^- \to \pi^0\pi^+\pi^+\eta\bar{K}^0D^-D^-D^{*0}$	30248	1	37617
30250	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0K^-\phi J/\psi$	30249	1	37618
30251	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^+D^-\bar{D}^{*-}$	30250	1	37619
30252	$e^+e^- \to \pi^0\pi^0\rho^0K^+D^{*+}D_s^-D_{s1}'^-$	30251	1	37620
30253	$e^+e^- \to e^+\nu_eK_L\bar{D}^{*-}J/\psi$	30252	1	37621
30254	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega K^0\bar{K}^0D^-D^{*+}$	30253	1	37622
30255	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-\bar{K}^0K^*D^+D_0^{*-}$	30254	1	37623
30256	$e^+e^- \to \mu^+\nu_\mu K^+D^-\bar{D}^{*-}D^0$	30255	1	37624
30257	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^0D_s^{*+}D_1'^-$	30256	1	37625
30258	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D_2^{*+}D_s^-$	30257	1	37626
30259	$e^+e^- \to \mu^+\nu_\mu\pi^0D^{*+}\bar{D}^{*-}a_1^-$	30258	1	37627
30260	$e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}\bar{D}^{*-}D_2^{*+}$	30259	1	37628
30261	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\bar{D}^{*-}D^{*0}\bar{n}p$	30260	1	37629
30262	$e^+e^- \to \omega K^-D^+D_2^{*+}D_s^{*-}$	30261	1	37630
30263	$e^+e^- \to \rho^+\omega K^+K^-D^-D^{*+}a_1^-$	30262	1	37631
30264	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+K^-\bar{D}^{*-}\chi_{c0}$	30263	1	37632
30265	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\omega D^-D^{*+}$	30264	1	37633
30266	$e^+e^- \to K^*D^{*+}J/\psi a_1^-$	30265	1	37634
30267	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^+\pi^+\pi^-K^{*-}\eta'$	30266	1	37635
30268	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+K^+K^{*-}D^-\bar{\Delta}^0\Sigma_c^{*0}$	30267	1	37636
30269	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^+\rho^-\rho^-\rho^-D^+\bar{D}^{*-}$	30268	1	37637
30270	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{p}\Lambda_c^+$	30269	1	37638
30271	$e^+e^- \to \pi^0K^0D^+D^+\bar{D}^{*-}\Delta^-\bar{n}$	30270	1	37639
30272	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}n\bar{n}$	30271	1	37640

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30273	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	30272	1	37641
30274	$e^+e^- \to \rho^0\pi^-K^{*+}\eta' D^+D^-D^0$	30273	1	37642
30275	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^0K^+\bar{D}^{*-}D^0D_s^-$	30274	1	37643
30276	$e^+e^- \to \pi^-K^0D^+\Delta^+\bar{\Sigma}_c^-$	30275	1	37644
30277	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^+\bar{D}^{*-}D_s^-$	30276	1	37645
30278	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta K^+K^-K^{*-}D^-D^0$	30277	1	37646
30279	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta\omega K^{*-}D^-\bar{n}\Delta^+$	30278	1	37647
30280	$e^+e^- \to \pi^0K^0D^{*+}D_s^{*-}\chi_{c2}$	30279	1	37648
30281	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-D^+D_s^-$	30280	1	37649
30282	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0D^+\bar{D}^{*-}$	30281	1	37650
30283	$e^+e^- \to e^-\bar{\nu}_e\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-p$	30282	1	37651
30284	$e^+e^- \to \mu^+\nu_\mu\pi^-K^+K^-D^-D^{*+}$	30283	1	37652
30285	$e^+e^- \to \mu^+\nu_\mu D^{*0}n\bar{n}D_1'^-$	30284	1	37653
30286	$e^+e^- \to \pi^0K^0K^-D^+D^-\bar{\Sigma}^+\Sigma^0$	30285	1	37654
30287	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\bar{K}^0K^+D^-D_2^{*+}$	30286	1	37655
30288	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{D}^0D_s^+$	30287	1	37656
30289	$e^+e^- \to \pi^-\rho^+\rho^+\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	30288	1	37657
30290	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^0$	30289	1	37658
30291	$e^+e^- \to \pi^0\rho^+\rho^-D^{*+}\bar{D}^{*0}D_{s1}'^-$	30290	1	37659
30292	$e^+e^- \to \pi^0\rho^0\pi^+\omega D^-D^{*+}a_1^-$	30291	1	37660
30293	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^{*+}D^-\bar{D}^{*-}D^0$	30292	1	37661
30294	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D_s^+D_1'^+$	30293	1	37662
30295	$e^+e^- \to \pi^+\pi^-\rho^-K^*D^+D^-D^{*+}$	30294	1	37663
30296	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}D_s^-D_1'^+$	30295	1	37664
30297	$e^+e^- \to \pi^+\rho^-\rho^-K^+D^{*+}\bar{D}^0D^{*0}D_s^{*-}$	30296	1	37665
30298	$e^+e^- \to e^+\nu_e\pi^0K^-K^{*+}D^0D_1'^-$	30297	1	37666
30299	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}\Delta^+\bar{\Xi}_c^{*-}$	30298	1	37667
30300	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	30299	1	37668
30301	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^+\rho^-K^{*+}D^+D_s^{*-}$	30300	1	37669
30302	$e^+e^- \to \pi^+\pi^-\omega\bar{K}^0D^+\bar{D}^{*-}$	30301	1	37670
30303	$e^+e^- \to \rho^-\eta\eta D^{*+}\bar{D}^{*0}$	30302	1	37671
30304	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega K^0\bar{K}^0K^+K^-D^{*+}\bar{D}^{*-}$	30303	1	37672

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30305	$e^+e^- \to \rho^0\pi^-\rho^+\rho^+D^-\bar{D}^{*-}a_1^+$	30304	1	37673
30306	$e^+e^- \to \rho^+\eta\omega\omega D^+D^-n\bar{p}$	30305	1	37674
30307	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\bar{D}^{*-}D_2^{*+}$	30306	1	37675
30308	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^-D^{*+}$	30307	1	37676
30309	$e^+e^- \to \pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^-$	30308	1	37677
30310	$e^+e^- \to \pi^+\pi^-\rho^+\bar{K}^*\eta'D^+D^-\bar{D}^{*-}$	30309	1	37678
30311	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^+\bar{D}^{*-}D_0^{*+}$	30310	1	37679
30312	$e^+e^- \to \pi^0\rho^-\bar{K}^0D^+D^-\bar{D}^{*0}\bar{n}p$	30311	1	37680
30313	$e^+e^- \to \pi^+\pi^+K^0K^-D^-D^{*0}\bar{D}^{*0}$	30312	1	37681
30314	$e^+e^- \to \pi^-D^+D^-D^{*+}$	30313	1	37682
30315	$e^+e^- \to \pi^+\rho^-\bar{K}^0K^+\bar{D}^{*-}\bar{D}^0n\bar{n}$	30314	1	37683
30316	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^-K^{*+}D^{*+}\bar{D}^0p\bar{p}$	30315	1	37684
30317	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^0$	30316	1	37685
30318	$e^+e^- \to \rho^0D^+D^-D_s^+D_{s1}'^-$	30317	1	37686
30319	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-K^0K^+K^{*-}\eta'D^{*+}\bar{D}^0$	30318	1	37687
30320	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\eta D^+\bar{D}^{*-}$	30319	1	37688
30321	$e^+e^- \to \bar{D}^{*-}D_s^{*-}D_1^+a_1^+$	30320	1	37689
30322	$e^+e^- \to \pi^0\pi^0\rho^+K^+K^-D^-D^-\Delta^+\bar{\Sigma}^0$	30321	1	37690
30323	$e^+e^- \to \pi^0K^-D^{*+}D^{*+}\bar{D}^{*0}n\bar{p}$	30322	1	37691
30324	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-K^+K^{*+}K^{*-}D^{*+}D^{*0}\bar{D}^{*0}$	30323	1	37692
30325	$e^+e^- \to \bar{K}^*D_s^{*-}\eta_cD_1'^+$	30324	1	37693
30326	$e^+e^- \to \pi^0\pi^+\rho^-\phi D^+D^{*+}D_s^{*-}\Delta^-\bar{n}$	30325	1	37694
30327	$e^+e^- \to D^+D^{*+}D_s^{*-}\Delta^-\bar{\Delta}^0\gamma\gamma$	30326	1	37695
30328	$e^+e^- \to D^+\bar{D}^{*-}D_s^+n\bar{p}$	30327	1	37696
30329	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta K^0\bar{K}^0\bar{D}^{*-}\bar{D}^0D^{*0}$	30328	1	37697
30330	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\rho^-\omega K^*K^-D^+D^-$	30329	1	37698
30331	$e^+e^- \to \pi^0\pi^+\rho^-\omega\bar{K}^*D^{*+}D_s^{*-}$	30330	1	37699
30332	$e^+e^- \to \pi^0\pi^0K^0K^+K^-K^{*-}D^{*+}$	30331	1	37700
30333	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^0\rho^0\rho^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	30332	1	37701
30334	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^0D^-D_1^+$	30333	1	37702
30335	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}\bar{p}\Delta^+$	30334	1	37703
30336	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta\omega D^+\bar{p}\Sigma_c^+$	30335	1	37704

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30337	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega K^0 K^* D^+ D_s^-$	30336	1	37705
30338	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\eta K^0 K^{*-} D^- D^{*+}$	30337	1	37706
30339	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^+ D^- D^-$	30338	1	37707
30340	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}$	30339	1	37708
30341	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\bar{K}^0 K^+ K^- D^- D^0\bar{D}^0$	30340	1	37709
30342	$e^+e^- \to \pi^0\pi^+\pi^-\rho^- K^0 K^{*+} D^{*+} D^0 D_s^-$	30341	1	37710
30343	$e^+e^- \to \pi^-\rho^-\eta\bar{K}^0\bar{K}^*\bar{K}^* K^+ K^+ K^+\bar{D}^{*-}\bar{D}^{*0}$	30342	1	37711
30344	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^-\rho^+\omega D^- D^{*+}$	30343	1	37712
30345	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^- D^{*+} n\bar{n}$	30344	1	37713
30346	$e^+e^- \to \pi^0\pi^0\pi^0\eta' D^+ p\bar{\Lambda}_c^- a_1^-$	30345	1	37714
30347	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^- D^+ D^+$	30346	1	37715
30348	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+ D^{*0} a_1^0 a_1^0$	30347	1	37716
30349	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\eta\omega D^+ D_1^-$	30348	1	37717
30350	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\rho^-\omega D^- D^{*+}$	30349	1	37718
30351	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\bar{D}^{*-}$	30350	1	37719
30352	$e^+e^- \to \rho^0\pi^+\pi^-\eta K^0\bar{K}^0 D^+ D^-$	30351	1	37720
30353	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}\bar{p}\Delta^{++}$	3016	1	37721
30354	$e^+e^- \to \rho^0\pi^+\rho^- K^+ D^0 D_s^-\eta_c$	30353	1	37722
30355	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+ D^- D_0^{*+}$	30354	1	37723
30356	$e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0 K^{*+} D^+ D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	30355	1	37724
30357	$e^+e^- \to \pi^+\pi^-\eta\eta\bar{K}^0\bar{K}^* K^+\bar{D}^{*-}\bar{D}^{*0}$	30356	1	37725
30358	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^+\eta D^- D^{*+}$	30357	1	37726
30359	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	30358	1	37727
30360	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\rho^- D^{*+}\bar{D}^0$	30359	1	37728
30361	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0 D^+\bar{D}^{*0} p\bar{p}$	30360	1	37729
30362	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\omega\bar{D}^{*-}\bar{D}^{*-}$	30361	1	37730
30363	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta K^+ D^+ D^- D^-$	30362	1	37731
30364	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^-\eta K^0\bar{K}^0 D^+ D^{*+}$	30363	1	37732
30365	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^- D^- D^{*+}$	30364	1	37733
30366	$e^+e^- \to \bar{K}^*\phi D^-\bar{\Delta}^0\Delta^+$	30365	1	37734
30367	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^+\bar{D}^{*-}$	30366	1	37735
30368	$e^+e^- \to \pi^+ D^{*+} n\bar{\Lambda}_c^- a_1^-$	30367	1	37736

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30369	$e^+e^- \to \mu^+\mu^+\nu_\mu\nu_\mu\bar{D}^{*-}D_1^-$	30368	1	37737
30370	$e^+e^- \to \pi^-K^{*+}D^-D^{*+}D^{*0}$	30369	1	37738
30371	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0D^+D_s^+D_s^{*-}$	30370	1	37739
30372	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^+\pi^-\eta\omega D^-\bar{D}^0$	30371	1	37740
30373	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^{*+}\bar{D}^{*-}D_1'^-$	30372	1	37741
30374	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\omega\omega K^*K^+K^-K^-D^-D^{*+}$	30373	1	37742
30375	$e^+e^- \to \mu^+\nu_\mu D^{*+}\bar{\Delta}^+\Sigma^0D_1^-$	30374	1	37743
30376	$e^+e^- \to K^0K^-D^+\bar{D}^{*0}J/\psi$	30375	1	37744
30377	$e^+e^- \to \pi^0\rho^+\omega K^0K^{*-}D^-D^{*+}D^0$	30376	1	37745
30378	$e^+e^- \to \pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	30377	1	37746
30379	$e^+e^- \to e^+\nu_e\pi^0\rho^-K^+\bar{D}^{*-}\eta_c$	30378	1	37747
30380	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^{*-}D^-D^{*+}a_1^+$	30379	1	37748
30381	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^*D^+D^-D^{*+}$	30380	1	37749
30382	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	30381	1	37750
30383	$e^+e^- \to \rho^0\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	30382	1	37751
30384	$e^+e^- \to e^+\nu_eK^0K^*\bar{K}^*K^-D^-D^{*+}$	30383	1	37752
30385	$e^+e^- \to \pi^0\pi^0\rho^-D^+D^-D_s^+$	30384	1	37753
30386	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+\omega K^{*-}D^-D^{*0}$	30385	1	37754
30387	$e^+e^- \to \pi^0\bar{K}^0K^{*+}D^+D^-\Delta^+\bar{\Delta}^{++}$	30386	1	37755
30388	$e^+e^- \to \pi^0\pi^+D^-D^0D_s^{*+}\bar{p}\Lambda$	30387	1	37756
30389	$e^+e^- \to \pi^0K^0\bar{K}^0K^*\bar{K}^*K^+K^{*-}D^{*+}\bar{D}^{*-}$	30388	1	37757
30390	$e^+e^- \to \pi^0\pi^+\omega K^*K^-K^{*+}K^{*-}D^-D^{*+}$	30389	1	37758
30391	$e^+e^- \to \rho^0\pi^-\omega K^{*+}D^-D^{*+}D^{*0}$	30390	1	37759
30392	$e^+e^- \to \pi^+\pi^-\omega\omega\bar{K}^0K^*D^+\bar{D}^{*-}$	30391	1	37760
30393	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\rho^-\bar{D}^{*-}D^{*0}$	30392	1	37761
30394	$e^+e^- \to \pi^+\pi^-\bar{K}^*D^-D^{*0}D_s^+$	30393	1	37762
30395	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\eta\omega\bar{K}^0K^+D^+D^-$	30394	1	37763
30396	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-K^*\bar{K}^*D^-\bar{D}^0$	30395	1	37764
30397	$e^+e^- \to \rho^+K^-D^+\bar{D}^0D_1^-$	30396	1	37765
30398	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0D^+D^-\bar{n}p$	30397	1	37766
30399	$e^+e^- \to \pi^-K^0\bar{K}^*K^-D^{*+}\bar{D}^{*0}D_s^+$	30398	1	37767
30400	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega D^{*+}\bar{D}^0D_s^{*+}$	30399	1	37768

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30401	$e^+e^- \to \pi^0\pi^0\rho^+D^-D^{*+}n\bar{n}a_1^-$	30400	1	37769
30402	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\rho^-K^0D^+\bar{D}^{*-}D^0$	30401	1	37770
30403	$e^+e^- \to \pi^0\pi^0\pi^+\eta'D^{*+}\bar{D}^{*-}a_1^-$	30402	1	37771
30404	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^+D^0D_s^-$	30403	1	37772
30405	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta\omega\bar{K}^*K^+D^{*0}$	30404	1	37773
30406	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^+D^-$	30405	1	37774
30407	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega D^-D_2^{*+}$	30406	1	37775
30408	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\omega\omega D^-\bar{D}^{*-}$	30407	1	37776
30409	$e^+e^- \to \pi^0D^-D^{*0}D_{s0}^{*+}$	30408	1	37777
30410	$e^+e^- \to \pi^0\rho^0\rho^+\rho^+\rho^-\omega K^{*-}D^{*+}\bar{D}^{*-}$	30409	1	37778
30411	$e^+e^- \to \rho^0D^+D_s^-n\bar{\Sigma}_c^0$	30410	1	37779
30412	$e^+e^- \to \pi^0\pi^+\rho^-\eta K^0\bar{K}^0J/\psi$	30411	1	37780
30413	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}$	30412	1	37781
30414	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\rho^+\rho^-D^-\bar{D}^0$	30413	1	37782
30415	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\omega K^-K^-\bar{D}^{*-}D_s^+$	30414	1	37783
30416	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\eta\omega\bar{D}^{*-}D^0$	30415	1	37784
30417	$e^+e^- \to \pi^+\pi^-\rho^+\omega D^-D^{*+}D_s^{*-}\gamma$	30416	1	37785
30418	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^+K^-K^-K^-K^{*+}D^{*+}D_s^+$	30417	1	37786
30419	$e^+e^- \to \pi^0\rho^+K^0D_s^{*-}J/\psi\bar{K}_1^0\gamma$	30418	1	37787
30420	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^+\bar{D}^{*0}\Delta^+\bar{\Delta}^{++}$	30419	1	37788
30421	$e^+e^- \to \pi^0\rho^+\omega D^{*+}\bar{D}^{*-}\Delta^-\bar{\Delta}^0$	30420	1	37789
30422	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^{*-}D^+D^{*+}$	30421	1	37790
30423	$e^+e^- \to \pi^0\pi^+\eta'D^-X_{sd}\gamma$	30422	1	37791
30424	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau D_2^{*-}D_1'^+$	30423	1	37792
30425	$e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	30424	1	37793
30426	$e^+e^- \to \rho^+D_2^{*-}D_s^+\bar{p}\Sigma_c^0$	30425	1	37794
30427	$e^+e^- \to \pi^+\pi^-\rho^+K^{*+}D^-\bar{D}^{*-}D^{*0}$	30426	1	37795
30428	$e^+e^- \to \bar{K}^0K^{*+}D^-D^-D^0D_s^+$	30427	1	37796
30429	$e^+e^- \to \pi^0\rho^0\pi^-\omega K^-D^+D^{*+}\bar{D}^{*0}$	30428	1	37797
30430	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\rho^+\rho^-D^-D_1^+$	30429	1	37798
30431	$e^+e^- \to \pi^+\pi^+K^+K^-D^-D^0D_s^-\bar{n}\Delta^0$	30430	1	37799
30432	$e^+e^- \to \pi^0\pi^-\omega\omega K^-D^{*+}D_s^+$	30431	1	37800

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30433	$e^+e^- \to \pi^+\pi^-D^+\bar{D}^{*-}\Delta^-\bar{\Delta}^0a_1^+$	30432	1	37801
30434	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^0D_s^+$	30433	1	37802
30435	$e^+e^- \to \mu^+\nu_\mu\rho^+\omega K^0\bar{D}^{*-}\bar{D}^{*-}$	30434	1	37803
30436	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-}$	30435	1	37804
30437	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\rho^-\omega\omega D^{*+}D^{*0}$	30436	1	37805
30438	$e^+e^- \to \omega\bar{K}^0K^*D_s^{*+}D_s^{*-}J/\psi$	30437	1	37806
30439	$e^+e^- \to \pi^0\pi^-\pi^-\omega D^+D^+\Delta^0\bar{\Delta}^0$	30438	1	37807
30440	$e^+e^- \to \pi^0\pi^0\rho^+K^0K^*K^{*-}D^-D^{*+}$	30439	1	37808
30441	$e^+e^- \to \pi^-\eta\eta K^0K^-D^+D^{*+}$	30440	1	37809
30442	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\eta\omega D^{*+}\bar{D}^{*0}$	30441	1	37810
30443	$e^+e^- \to \bar{K}^0\bar{K}^*D^+\bar{D}^{*-}n\bar{\Omega}_c^0$	30442	1	37811
30444	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	30443	1	37812
30445	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^+\bar{D}^{*-}$	30444	1	37813
30446	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-D^-\bar{n}pD_1'^+$	30445	1	37814
30447	$e^+e^- \to \pi^+\pi^-D^+\bar{D}^0D_s^{*-}n\bar{n}$	30446	1	37815
30448	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^+\eta\eta D^{*+}\bar{D}^{*-}$	30447	1	37816
30449	$e^+e^- \to \rho^-\omega\bar{K}^*K^+K^{*+}\bar{D}^{*-}D^0D^{*0}$	3017	1	37817
30450	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-K^{*-}D^-D^{*+}\bar{D}^{*-}$	30449	1	37818
30451	$e^+e^- \to \eta D^{*+}D_s^{*-}n\bar{\Sigma}_c^{*0}$	30450	1	37819
30452	$e^+e^- \to \pi^+\omega D^+D^-D_{s0}^{*-}$	30451	1	37820
30453	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta\bar{D}^{*-}D_0^{*+}$	30452	1	37821
30454	$e^+e^- \to \pi^-K^+K^-D^-D^{*+}\bar{\Delta}^+\Sigma_c^{++}$	30453	1	37822
30455	$e^+e^- \to \omega\bar{K}^0K^+K^-K^{*+}D^-D^{*0}$	30454	1	37823
30456	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^0\pi^0\pi^-K^0\bar{K}^0D^+\bar{D}^{*-}$	30455	1	37824
30457	$e^+e^- \to \pi^+\rho^+\rho^-\eta\bar{K}^0K^-K^-\bar{D}^0D^{*0}D_s^{*+}$	30456	1	37825
30458	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	30457	1	37826
30459	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{K}^*K^+D^+\bar{D}^{*-}$	30458	1	37827
30460	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^-\pi^-\omega\omega D^{*+}D^{*+}$	30459	1	37828
30461	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\rho^-D^-D^{*+}$	30460	1	37829
30462	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{K}^0\bar{D}^{*-}\eta_c$	30461	1	37830
30463	$e^+e^- \to \pi^+\pi^+\eta D^-n\bar{n}\bar{p}\Sigma_c^0$	30462	1	37831
30464	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^+K^-D^-D^{*0}$	30463	1	37832

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30465	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\omega K^- D^-\psi(3770)$	30464	1	37833
30466	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^- K^- D^- D^{*+}\bar{n}p$	30465	1	37834
30467	$e^+e^- \to \pi^0\pi^+\rho^+ K^0\bar{K}^* D^- D^- n\bar{n}$	30466	1	37835
30468	$e^+e^- \to e^+\nu_e\pi^0\pi^-\omega\bar{K}^0\bar{K}^0 K^+ K^+\bar{D}^{*-}\bar{D}^{*-}$	30467	1	37836
30469	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^{*-}\bar{\Delta}^- n D_1^+$	30468	1	37837
30470	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega\eta' D^+\bar{D}^{*0} D_s^{*-}$	30469	1	37838
30471	$e^+e^- \to \pi^+ D^+\Delta^0\bar{\Sigma}_c^- D_{s1}'^-$	30470	1	37839
30472	$e^+e^- \to \pi^0\pi^-\omega\omega K^* D^+ D^+\bar{D}^{*-}$	30471	1	37840
30473	$e^+e^- \to \pi^-\bar{D}^0 D_s^{*+} J/\psi\bar{K}_1^0$	30472	1	37841
30474	$e^+e^- \to K^{*+} D^{*+}\bar{D}^{*-} D^{*0} a_1^-\gamma$	30473	1	37842
30475	$e^+e^- \to \pi^0\rho^0\pi^+ K^+ K^- D^- D^{*+} D_s^{*-}$	30474	1	37843
30476	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+ D^- D^{*+} D^{*0}$	30475	1	37844
30477	$e^+e^- \to D^- D^{*+}\Delta^+\bar{\Lambda} D_{s1}'^-$	30476	1	37845
30478	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta D^+ D^{*+}$	30477	1	37846
30479	$e^+e^- \to \pi^- K^0 K^{*+} K^{*-} D^+ D^- D^{*+}$	30478	1	37847
30480	$e^+e^- \to \rho^+ D^+ D_s^- n\bar{\Sigma}_c^-$	30479	1	37848
30481	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^0\pi^+\pi^-\rho^- D^+ D^{*+}$	30480	1	37849
30482	$e^+e^- \to \pi^0\pi^0\rho^0 D^- D^{*+} D_s^-\bar{\Sigma}^+\Lambda$	30481	1	37850
30483	$e^+e^- \to \mu^+\nu_\mu\tau^-\bar{\nu}_\tau\pi^0\pi^-\bar{D}^{*0} D_1^+$	30482	1	37851
30484	$e^+e^- \to \pi^+\pi^-\rho^+\bar{D}^{*-} D^{*0}$	30483	1	37852
30485	$e^+e^- \to \omega K^0\bar{K}^0\bar{D}^0 D^{*0}\Delta^0\bar{\Sigma}_c^0$	30484	1	37853
30486	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\bar{K}^* D^+ D^{*+}\bar{D}^{*-}$	30485	1	37854
30487	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0 D^- D_s^- p\bar{\Sigma}^0 D_1^+$	30486	1	37855
30488	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+\omega\omega\bar{D}^{*-}\bar{D}^{*-}$	30487	1	37856
30489	$e^+e^- \to e^+\nu_e\rho^0\eta\eta K^{*+} D^- D_s^{*-}$	30488	1	37857
30490	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta\omega\omega D^-$	30489	1	37858
30491	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\eta D^{*+}\bar{D}^{*-}$	30490	1	37859
30492	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\eta\omega D^- D^{*+} n\bar{p}$	30491	1	37860
30493	$e^+e^- \to \rho^0\pi^+\pi^-\bar{K}^0 D^+ D_s^- J/\psi$	30492	1	37861
30494	$e^+e^- \to \rho^0\pi^+\pi^+\omega D^-\bar{D}^{*-} D^0$	30493	1	37862
30495	$e^+e^- \to \pi^+ K^*\bar{K}^* D^- D^- D^{*+} p\bar{p}$	30494	1	37863
30496	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta'\bar{D}^{*-} D^0$	30495	1	37864

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30497	$e^+e^- \to \bar{K}^* D^{*+} \eta_c D_{s1}'^-$	30496	1	37865
30498	$e^+e^- \to \pi^+\rho^-\eta K^+K^+K^-K^-\phi D^+D^-$	30497	1	37866
30499	$e^+e^- \to \bar{K}^0\bar{K}^0\bar{K}^0K^*K^+\phi D^-\bar{\Delta}^+\Sigma_c^{*+}$	30498	1	37867
30500	$e^+e^- \to \rho^0\pi^-\rho^+\bar{K}^0D^-D^0D_s^+$	30499	1	37868
30501	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}p\bar{p}$	30500	1	37869
30502	$e^+e^- \to e^+\nu_e\rho^0\rho^0\pi^+\rho^-\eta K^+D^-\bar{D}^{*-}$	30501	1	37870
30503	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-D^{*+}\bar{D}^0D_s^{*-}$	30502	1	37871
30504	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-K^{*-}D^+\bar{D}^0D_0^{*+}$	30503	1	37872
30505	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta K^{*+}D^+D_s^{*-}$	30504	1	37873
30506	$e^+e^- \to \pi^+\pi^+K^*K^-D^+D^-\bar{D}^{*-}D^{*0}$	30505	1	37874
30507	$e^+e^- \to \mu^+\nu_\mu J/\psi\bar{n}\Lambda D_1^-$	30506	1	37875
30508	$e^+e^- \to \pi^-K^*K^+D^+D^-D^{*+}\bar{p}\Lambda$	30507	1	37876
30509	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}n\bar{p}$	30508	1	37877
30510	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega K^0K^*D^{*+}\bar{D}^{*-}$	30509	1	37878
30511	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-K^0D^-\bar{D}^{*-}D^0$	30510	1	37879
30512	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_0^{*-}$	30511	1	37880
30513	$e^+e^- \to \pi^0\pi^+\pi^-D^-D^{*0}D_{s1}'^+$	30512	1	37881
30514	$e^+e^- \to e^-\bar{\nu}_e\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	30513	1	37882
30515	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^+\rho^-D^+D_0^{*-}$	30514	1	37883
30516	$e^+e^- \to \pi^0\pi^0\pi^-\omega\bar{K}^0D^+\psi(3770)$	30515	1	37884
30517	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}\bar{n}p$	30516	1	37885
30518	$e^+e^- \to \pi^+\rho^-\rho^-D^+D^{*0}n\bar{\Delta}^0$	30517	1	37886
30519	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-D^+D^-p\bar{p}$	30518	1	37887
30520	$e^+e^- \to K_LK^0J/\psi J/\psi$	30519	1	37888
30521	$e^+e^- \to \pi^0\omega D^0D^{*0}\bar{n}\Delta^0$	30520	1	37889
30522	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\rho^-\eta D^+D^-$	30521	1	37890
30523	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^-D^-D_s^{*+}$	30522	1	37891
30524	$e^+e^- \to \pi^0\rho^0\rho^-\bar{K}^0D^-D^{*+}D_s^{*+}$	30523	1	37892
30525	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+D_1^-$	30524	1	37893
30526	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta\eta\omega\bar{K}^0\bar{D}^{*-}J/\psi$	30525	1	37894
30527	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-K^{*-}D^+D^-$	30526	1	37895
30528	$e^+e^- \to \omega K^+\bar{D}^{*-}D^{*0}\bar{\Delta}^+\Xi_c^{*+}$	30527	1	37896

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30529	$e^+e^- \to \rho^0\pi^+\omega K^0\bar{K}^0\bar{K}^*D^-\bar{\Delta}^+\Sigma_c^+$	30528	1	37897
30530	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+K^-D^+D^-D^-$	30529	1	37898
30531	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^{*0}$	30530	1	37899
30532	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^+D^+\bar{D}^{*-}D^0$	30531	1	37900
30533	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+\eta D^{*+}\bar{D}^{*-}$	30532	1	37901
30534	$e^+e^- \to \pi^0\pi^0\rho^+K^+K^{*-}D^+\bar{D}^{*-}D_s^{*-}$	30533	1	37902
30535	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega D^+\bar{D}^{*-}$	30534	1	37903
30536	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta\omega D^+D^0D_s^{*-}$	30535	1	37904
30537	$e^+e^- \to \pi^-\eta\bar{K}^0K^*K^*K^-D^+D^{*+}$	30536	1	37905
30538	$e^+e^- \to \rho^0\rho^+\rho^-\eta D^-D^{*+}\bar{\Lambda}\Sigma^0$	30537	1	37906
30539	$e^+e^- \to \pi^0\pi^+\pi^+\omega\bar{D}^{*-}D^0D_s^-$	30538	1	37907
30540	$e^+e^- \to \rho^0D^-D^{*+}\bar{n}pa_1^-$	30539	1	37908
30541	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+K^0D^0\bar{D}^0D_s^-$	30540	1	37909
30542	$e^+e^- \to \pi^0\rho^+\omega\omega D^-\bar{D}^{*-}\bar{n}p$	30541	1	37910
30543	$e^+e^- \to \omega K^0\bar{K}^0K^+K^-D^+D^-$	30542	1	37911
30544	$e^+e^- \to e^-\bar{\nu}_e\rho^-K^+D^+J/\psi$	30543	1	37912
30545	$e^+e^- \to \pi^0\rho^-\eta D^+D^+a_1^-$	30544	1	37913
30546	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\eta D^+D^-D^-$	30545	1	37914
30547	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-K^0D^-D^0$	30546	1	37915
30548	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\eta D^+\bar{D}^{*-}$	30547	1	37916
30549	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\bar{K}^0D^+D^-\bar{D}^{*-}$	30548	1	37917
30550	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\eta K^+\bar{D}^{*-}\Sigma^0\bar{\Xi}_c^-$	30549	1	37918
30551	$e^+e^- \to e^+\nu_e\rho^+\rho^-\bar{K}^0K^-\bar{D}^{*-}D_s^+$	30550	1	37919
30552	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\rho^+\omega\omega D^-D^-$	30551	1	37920
30553	$e^+e^- \to \pi^0K^*K^-D^-D^{*+}D_{s1}'^+$	30552	1	37921
30554	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^*\bar{D}^{*-}D_s^+$	30553	1	37922
30555	$e^+e^- \to \mu^+\nu_\mu\rho^+K^-J/\psi D_1^-$	30554	1	37923
30556	$e^+e^- \to \pi^+\pi^+K^{*-}\bar{D}^{*-}D^0\bar{D}^0$	30555	1	37924
30557	$e^+e^- \to e^-\bar{\nu}_eX_u^+D^0n\bar{\Delta}^0$	30556	1	37925
30558	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0D^-D^{*+}D^{*0}$	30557	1	37926
30559	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\rho^+\rho^-\omega D^-D^{*+}$	30558	1	37927
30560	$e^+e^- \to e^+\nu_eK^*K^{*-}D^{*+}\bar{D}^{*-}$	30559	1	37928

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30561	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\pi^-K^+K^+K^-\phi D^+D_0^{*+}$	30560	1	37929
30562	$e^+e^- \to e^+\nu_e D^- J/\psi \bar{K}_1^0$	30561	1	37930
30563	$e^+e^- \to \pi^+K^0K^+K^-D^-D^0n\bar{n}$	30562	1	37931
30564	$e^+e^- \to \pi^-\rho^+\bar{K}^*K^-D^{*+}\bar{D}^0D^{*0}$	30563	1	37932
30565	$e^+e^- \to \pi^0K^{*+}D^{*+}D_s^-D_s^{*-}$	30564	1	37933
30566	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega D^{*+}D_s^{*-}$	30565	1	37934
30567	$e^+e^- \to \pi^0\pi^-\rho^+\eta\omega\omega D^-D^{*+}$	30566	1	37935
30568	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^-\bar{K}^*D^+D^-\bar{D}^{*-}$	30567	1	37936
30569	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^-\bar{\Sigma}^{*0}\Xi_c'^+$	30568	1	37937
30570	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta D^{*+}\bar{D}^0$	30569	1	37938
30571	$e^+e^- \to \bar{D}^0D_s^{*+}n\bar{n}D_1'^-$	30570	1	37939
30572	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+D_1^+$	30571	1	37940
30573	$e^+e^- \to \rho^0\rho^0\rho^0\rho^0\pi^-\rho^+\omega D^+\bar{D}^{*-}$	30572	1	37941
30574	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\rho^-D^+\bar{D}^{*0}$	30573	1	37942
30575	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta D^+\bar{D}^{*-}$	30574	1	37943
30576	$e^+e^- \to e^+\nu_e\rho^0\bar{\Delta}^0\Sigma_c^0D_1^-$	30575	1	37944
30577	$e^+e^- \to \pi^0K^{*+}\bar{D}^{*-}D^{*0}\Sigma^0\bar{\Xi}_c^0$	30576	1	37945
30578	$e^+e^- \to \rho^0D^+D^-D_s^{*+}n\bar{p}$	30577	1	37946
30579	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^+K^-D^-D^0$	30578	1	37947
30580	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\omega\eta'D^-D^{*+}$	30579	1	37948
30581	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta\eta D^+D^-$	30580	1	37949
30582	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+K^0\bar{D}^{*-}\bar{D}^0$	30581	1	37950
30583	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\omega\omega D^-D^{*+}$	30582	1	37951
30584	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^+\pi^-K^*D^{*+}D^0$	30583	1	37952
30585	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta K^0K^{*-}D^{*+}D^0\bar{D}^0$	30584	1	37953
30586	$e^+e^- \to \mu^-\bar{\nu}_\mu\tau^+\nu_\tau D_1^+D_1'^-$	30585	1	37954
30587	$e^+e^- \to \rho^0\rho^0\rho^-\bar{K}^0K^-K^-K^{*+}D^+D_s^+$	30586	1	37955
30588	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^-D^{*+}$	30587	1	37956
30589	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^-D^{*+}$	30588	1	37957
30590	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\eta\eta\bar{D}^{*-}$	30589	1	37958
30591	$e^+e^- \to \omega K^0K^*K^-\eta'\phi D^+\bar{D}^0$	30590	1	37959
30592	$e^+e^- \to e^+\nu_e\pi^+D^-\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	30591	1	37960

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30593	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^-D^0p\bar{p}$	30592	1	37961
30594	$e^+e^- \to \rho^0\pi^+\omega\bar{K}^0K^-K^{*+}\bar{D}^{*-}\eta_c$	30593	1	37962
30595	$e^+e^- \to \pi^0\pi^-K^+D^{*0}n\bar{\Delta}^0\psi(3770)$	30594	1	37963
30596	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^0D^-\bar{D}^{*-}$	30595	1	37964
30597	$e^+e^- \to \pi^0\pi^0\rho^0K^0K^0\bar{K}^0K^+D^-D^0\bar{D}^0$	30596	1	37965
30598	$e^+e^- \to \pi^0K^*K^{*+}\bar{D}^{*-}D^{*0}J/\psi$	30597	1	37966
30599	$e^+e^- \to \pi^0\rho^+\bar{K}^*D^{*+}\bar{D}^{*-}p\bar{\Sigma}_c^{--}$	30598	1	37967
30600	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+n\bar{\Lambda}_c^-$	30599	1	37968
30601	$e^+e^- \to \mu^+\nu_\mu D^-D^0n\bar{\Delta}^0$	30600	1	37969
30602	$e^+e^- \to \pi^0K^*K^{*+}K^{*-}D^+D^-D^0$	30601	1	37970
30603	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^-K^{*+}D^+\bar{D}^{*-}$	30602	1	37971
30604	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\omega K^+K^-D^-D^{*0}$	30603	1	37972
30605	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\bar{K}^0D^+\bar{D}^{*-}$	30604	1	37973
30606	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}D_s^+$	30605	1	37974
30607	$e^+e^- \to e^-\bar{\nu}_eK^0D^+D^0\bar{D}^{*0}$	30606	1	37975
30608	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0D^-D^-D^{*0}D_s^+$	30607	1	37976
30609	$e^+e^- \to \bar{K}^*K^+K^-D^+D^-\bar{D}^{*0}$	30608	1	37977
30610	$e^+e^- \to \rho^0\pi^-K^0D^{*+}\eta_c$	30609	1	37978
30611	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^-D_s^+D_1^+$	30610	1	37979
30612	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\omega K^-D^+D^-$	30611	1	37980
30613	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*+}D_s^+\Delta^-\bar{n}$	30612	1	37981
30614	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\pi^-D^-D^{*+}$	30613	1	37982
30615	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-K^+K^{*-}D^+\bar{D}^{*-}$	30614	1	37983
30616	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-K^0K^-D^+D^0\bar{D}^0$	30615	1	37984
30617	$e^+e^- \to \pi^+\omega K^+K^-D^-D^{*+}\bar{\Delta}^+\Sigma^0$	30616	1	37985
30618	$e^+e^- \to \omega D^{*+}D^{*+}D_s^{*-}D_{s0}^{*-}$	30617	1	37986
30619	$e^+e^- \to \rho^+K^0\bar{K}^*D^-D^{*+}D_s^{*-}$	30618	1	37987
30620	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^*D^{*+}\bar{D}^{*-}D^{*0}$	30619	1	37988
30621	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\rho^-\eta\omega\bar{D}^{*-}D_2^{*+}$	30620	1	37989
30622	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	30621	1	37990
30623	$e^+e^- \to \pi^0\pi^+\pi^-\eta D^0n\bar{\Sigma}_c^0$	30622	1	37991
30624	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^+\eta K^0K^-\bar{D}^{*-}D^0$	30623	1	37992

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30625	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-K^0K^-D^{*+}D_0^{*-}$	30624	1	37993
30626	$e^+e^- \to \rho^0\rho^0\rho^0\pi^+\bar{K}^0D^-\bar{\Delta}^0\Sigma_c^0$	30625	1	37994
30627	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\eta\omega D^{*+}\bar{D}^{*-}$	30626	1	37995
30628	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^-D^+D_2^{*-}$	30627	1	37996
30629	$e^+e^- \to e^-\bar{\nu}_eD^-D^{*+}a_1^+\gamma$	30628	1	37997
30630	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\bar{K}^0K^{*+}D^-D^{*+}$	30629	1	37998
30631	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*+}\bar{D}^{*-}D^{*0}D^{*0}\Delta^-\bar{\Delta}^0$	30630	1	37999
30632	$e^+e^- \to \rho^0\rho^0\pi^+K^0K^-D^-D^{*+}$	30631	1	38000
30633	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\rho^-\rho^-K^+K^-D^+\bar{D}^{*-}$	30632	1	38001
30634	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}\bar{n}p$	30633	1	38002
30635	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\bar{K}^*K^-D^+\bar{D}^{*-}$	30634	1	38003
30636	$e^+e^- \to \pi^+\pi^+\bar{K}^0K^*D^-D^0D_s^-$	30635	1	38004
30637	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\omega K^{*+}D^-D^{*+}D^0$	30636	1	38005
30638	$e^+e^- \to \mu^+\nu_\mu\pi^+K^{*-}D^-D_s^+D_s^{*-}$	30637	1	38006
30639	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	30638	1	38007
30640	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^-D^{*+}D^{*+}\bar{D}^{*-}$	30639	1	38008
30641	$e^+e^- \to \pi^0\pi^+D^-D^{*+}\Delta^+\bar{\Delta}^+D_{s1}'^-$	30640	1	38009
30642	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\eta\eta\eta\eta D^+\bar{D}^{*-}$	30641	1	38010
30643	$e^+e^- \to \rho^-K^0\bar{K}^*D^+D^{*+}D_s^-$	30642	1	38011
30644	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^+D^{*+}D_2^{*-}$	30643	1	38012
30645	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^*D^+\psi'$	30644	1	38013
30646	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^+\rho^-\omega D^+D^-$	30645	1	38014
30647	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-D^-D_1^+$	30646	1	38015
30648	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\bar{D}^{*-}D^0$	30647	1	38016
30649	$e^+e^- \to \rho^0\rho^0\pi^+\bar{K}^*K^-D^-D_s^{*+}$	30648	1	38017
30650	$e^+e^- \to e^+\nu_eK^*\bar{D}^{*-}D^0\bar{D}^0$	30649	1	38018
30651	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega\bar{K}^*K^+K^-D^-D_{s1}'^+$	30650	1	38019
30652	$e^+e^- \to \pi^-D^{*+}D_s^{*-}\bar{n}\Sigma_c^+$	30651	1	38020
30653	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\rho^-K^{*+}K^{*-}D^{*+}D^{*+}$	30652	1	38021
30654	$e^+e^- \to \eta\omega K^+K^-D^+D^-\bar{D}^0D^{*0}$	30653	1	38022
30655	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\eta K^+K^{*-}D^{*+}\bar{D}^{*-}$	30654	1	38023
30656	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0K^+K^{*-}\bar{D}^{*-}D^0$	30655	1	38024

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30657	$e^+e^- \to \pi^0\pi^+\rho^-K^-K^{*+}K^{*+}K^{*-}J/\psi$	30656	1	38025
30658	$e^+e^- \to \pi^+\pi^-\rho^+\omega\bar{K}^0K^+\bar{D}^{*-}\bar{D}^{*-}$	30657	1	38026
30659	$e^+e^- \to e^-\bar{\nu}_e\pi^+\rho^-\eta\eta D^{*+}$	30658	1	38027
30660	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^{*+}\bar{D}^{*-}\bar{p}\Delta^+$	30659	1	38028
30661	$e^+e^- \to e^+\nu_e\pi^0D^-D_2^{*+}D_s^-$	30660	1	38029
30662	$e^+e^- \to e^+\nu_e\eta\bar{K}^0D^-D_2^{*-}D_s^+$	30661	1	38030
30663	$e^+e^- \to \pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}D^0\bar{D}^0\bar{D}^{*0}$	30662	1	38031
30664	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^0D^+\bar{D}^{*-}D_1'^+$	30663	1	38032
30665	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+K^+\bar{D}^0J/\psi\bar{K}_1^0$	30664	1	38033
30666	$e^+e^- \to \pi^-K^0\bar{K}^0\bar{K}^0D^+D^{*0}\bar{D}^{*0}$	30665	1	38034
30667	$e^+e^- \to \tau^+\nu_\tau\pi^+\bar{K}^0D^-\bar{D}^{*-}D^0$	30666	1	38035
30668	$e^+e^- \to e^-\bar{\nu}_e\eta K^+D^+D^-D^0$	30667	1	38036
30669	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}n\bar{p}$	30668	1	38037
30670	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^-D^{*+}\bar{n}\Delta^{++}$	30669	1	38038
30671	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+\bar{D}^{*-}\gamma$	30670	1	38039
30672	$e^+e^- \to \pi^0\rho^-\eta\omega D^{*+}p\bar{\Sigma}_c^-$	30671	1	38040
30673	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\rho^-\bar{K}^0D^-$	30672	1	38041
30674	$e^+e^- \to D^-D^{*+}D_s^{*+}\Delta^+\bar{\Delta}^{++}$	30673	1	38042
30675	$e^+e^- \to \rho^0\pi^-\rho^+\eta\eta\eta\bar{K}^0D^+\bar{D}^{*-}$	30674	1	38043
30676	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^+\bar{D}^{*-}D^0\Delta^+\bar{\Delta}^+$	30675	1	38044
30677	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\omega\omega\bar{D}^{*-}D^{*0}$	30676	1	38045
30678	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\rho^-K^0D^{*+}D_2^{*+}$	30677	1	38046
30679	$e^+e^- \to K^0K^-K^{*-}D^+D^{*+}\bar{D}^0$	30678	1	38047
30680	$e^+e^- \to \pi^0\rho^+\omega\omega K^0K^*\bar{K}^*D^-J/\psi$	30679	1	38048
30681	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^-\omega D^+\bar{D}^{*0}$	30680	1	38049
30682	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-D^-D^-$	30681	1	38050
30683	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-D^-D_2^{*-}D_s^{*+}$	30682	1	38051
30684	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*-}$	30683	1	38052
30685	$e^+e^- \to \pi^0\pi^0\pi^-D^+D_s^{*-}\bar{p}\Sigma_c^{++}$	30684	1	38053
30686	$e^+e^- \to \rho^0\pi^-\rho^+\rho^-\omega D^{*+}D^{*+}\Delta^+\bar{\Delta}^{++}$	30685	1	38054
30687	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\eta K^-D^{*0}D_s^{*+}$	30686	1	38055
30688	$e^+e^- \to e^-\bar{\nu}_eD^+K_1^0\psi'$	30687	1	38056

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30689	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-K^*D^-D^{*+}$	30688	1	38057
30690	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^+D^+D_s^-$	30689	1	38058
30691	$e^+e^- \to \pi^-K^*K^-D^+\bar{\Delta}^+\Sigma_c^{++}$	30690	1	38059
30692	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0\bar{K}^*D^+\bar{D}^{*-}D_s^{*-}$	30691	1	38060
30693	$e^+e^- \to \pi^0\pi^+\pi^-K^*K^{*-}D^{*+}D^0p\bar{\Delta}^+$	30692	1	38061
30694	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\rho^0\pi^-D^+\bar{D}^{*-}n\bar{n}$	30693	1	38062
30695	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta K^*K^-D^+\bar{D}^{*-}$	30694	1	38063
30696	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	30695	1	38064
30697	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^+D^-D^{*+}D_s^{*-}$	30696	1	38065
30698	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-\omega D^-D^-$	30697	1	38066
30699	$e^+e^- \to \rho^+\rho^+\omega K^-D^-J/\psi$	30698	1	38067
30700	$e^+e^- \to \rho^0\pi^-\eta\eta'D^+\bar{D}^{*-}D_{s1}'^+$	30699	1	38068
30701	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\omega K^*D^+D^-\bar{D}^{*-}$	30700	1	38069
30702	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	30701	1	38070
30703	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega K^0K^{*-}D^{*+}\bar{D}^{*-}$	30702	1	38071
30704	$e^+e^- \to \pi^-K^-K^{*+}D^+\bar{D}^{*0}\eta_c$	30703	1	38072
30705	$e^+e^- \to \rho^+\eta\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	30704	1	38073
30706	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega K^-K^{*+}\bar{D}^{*-}D_0^{*+}$	30705	1	38074
30707	$e^+e^- \to \pi^0\pi^-D^{*+}D^{*+}D_s^-$	30706	1	38075
30708	$e^+e^- \to \pi^+\pi^-\rho^-\rho^-K^+K^{*-}D^+D^{*+}$	30707	1	38076
30709	$e^+e^- \to \pi^+\pi^-D^+D^-D_s^{*+}n\bar{p}$	30708	1	38077
30710	$e^+e^- \to \pi^0\omega K^0K^-D^+D^{*+}D_s^-$	30709	1	38078
30711	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}D_s^{*+}$	30710	1	38079
30712	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^-K^+D^{*+}D^{*+}\bar{D}^{*0}$	30711	1	38080
30713	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega\omega D^+\bar{D}^{*0}$	30712	1	38081
30714	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D^{*+}\bar{D}^{*-}\bar{\Delta}^-p$	30713	1	38082
30715	$e^+e^- \to \pi^0\rho^0\pi^-\bar{K}^0D^-D_s^+\bar{n}p$	30714	1	38083
30716	$e^+e^- \to e^+\nu_e\eta D^-D^{*+}D_s^{*-}$	30715	1	38084
30717	$e^+e^- \to \eta K^-K^{*+}D^+D^-\bar{D}^0\bar{p}\Sigma^{*+}$	30716	1	38085
30718	$e^+e^- \to e^+\nu_e\rho^0\pi^-\omega\omega D^+\bar{D}^{*-}$	30717	1	38086
30719	$e^+e^- \to e^-\bar{\nu}_e\rho^0\omega D^+\bar{D}^0$	30718	1	38087
30720	$e^+e^- \to \rho^+\bar{K}^0D^-D_s^+D_1^-$	30719	1	38088

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30721	$e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}D^+\bar{D}^{*-}\bar{D}^{*-}$	30720	1	38089
30722	$e^+e^- \to \pi^-\rho^+\eta\bar{K}^*K^{*-}D^+D^{*+}\bar{D}^{*-}$	30721	1	38090
30723	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}$	30722	1	38091
30724	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-K^0K^+K^-D^+\bar{D}^0D_s^-$	30723	1	38092
30725	$e^+e^- \to \pi^-\omega\omega D^+\bar{D}^0$	30724	1	38093
30726	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\omega D^-n\bar{p}$	30725	1	38094
30727	$e^+e^- \to \rho^0\rho^+\rho^-\rho^-D^+\bar{D}^{*-}D_s^{*+}$	30726	1	38095
30728	$e^+e^- \to \rho^+\omega\omega\bar{D}^{*-}\bar{p}\Lambda_c^+$	30727	1	38096
30729	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^+D^-$	30728	1	38097
30730	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\omega\omega D^+D^{*+}$	30729	1	38098
30731	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0$	30730	1	38099
30732	$e^+e^- \to e^+\nu_e\pi^0\eta D^{*+}\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	30731	1	38100
30733	$e^+e^- \to \tau^+\nu_\tau\pi^0\bar{K}^0D^+D^-\bar{D}^{*-}$	30732	1	38101
30734	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^{*+}a_1^-\gamma$	30733	1	38102
30735	$e^+e^- \to \pi^0K^-D^-D^{*+}\bar{D}^0D_s^+$	30734	1	38103
30736	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	30735	1	38104
30737	$e^+e^- \to \pi^+\pi^-K^0D^+D_s^-\Delta^+\bar{\Sigma}_c^-$	30736	1	38105
30738	$e^+e^- \to \rho^0\pi^+\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^{*-}\gamma$	30737	1	38106
30739	$e^+e^- \to \pi^+\pi^+\rho^-\eta\bar{K}^0K^+D^-\bar{D}^{*-}p\bar{\Delta}^+$	30738	1	38107
30740	$e^+e^- \to \pi^-\pi^-\eta\omega K^{*+}D^+J/\psi$	30739	1	38108
30741	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\bar{K}^0K^*K^-K^{*+}D^+D^{*0}$	30740	1	38109
30742	$e^+e^- \to \pi^0K^*\bar{K}^*\bar{D}^0D_s^+D_s^{*-}$	30741	1	38110
30743	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^-\bar{n}\Delta^+$	30742	1	38111
30744	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\rho^-K^0K^{*-}D^-D^{*+}$	30743	1	38112
30745	$e^+e^- \to \bar{K}^*K_1^0\chi_{c1}\psi'$	30744	1	38113
30746	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+K^0D^-D_2^{*+}$	30745	1	38114
30747	$e^+e^- \to \bar{K}^*K^+\bar{D}^{*-}D_2^{*+}D_s^-$	30746	1	38115
30748	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\omega\omega K^*K^-K^-\bar{D}^{*-}D_s^+$	30747	1	38116
30749	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	30748	1	38117
30750	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\rho^+\rho^-K^0D^-\bar{D}^0$	30749	1	38118
30751	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^-D^+\bar{D}^{*0}D_s^{*-}$	30750	1	38119
30752	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\eta\omega D^+\bar{D}^{*-}$	30751	1	38120

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30753	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+\eta D^+D^-$	30752	1	38121
30754	$e^+e^- \to \pi^+\pi^+\pi^-K^+K^-D^+\bar{D}^{*-}D_s^{*-}$	30753	1	38122
30755	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\pi^-\rho^+\omega D^{*+}D^{*+}$	30754	1	38123
30756	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\bar{K}^0K^+D^-D^{*+}$	30755	1	38124
30757	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega\bar{K}^0K^+K^{*+}D^+\bar{D}^{*-}D^0$	30756	1	38125
30758	$e^+e^- \to \rho^+K^*K^-D^+D^-D^0\bar{D}^0$	30757	1	38126
30759	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^+K^-D^{*+}\bar{D}^{*-}D^0$	30758	1	38127
30760	$e^+e^- \to \rho^+\rho^-K^0K^*K^-K^{*+}D^{*+}D_s^-$	30759	1	38128
30761	$e^+e^- \to K^+K^+\bar{D}^{*-}D^{*0}p\bar{\Sigma}_c^{*--}$	30760	1	38129
30762	$e^+e^- \to \pi^+\pi^-\rho^-D^{*+}\bar{D}^0$	30761	1	38130
30763	$e^+e^- \to \pi^+\eta\omega K^*K^{*-}D^+D^-$	30762	1	38131
30764	$e^+e^- \to \rho^+\omega\omega K^*K^-D^+D^-$	30763	1	38132
30765	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}$	30764	1	38133
30766	$e^+e^- \to \pi^0\pi^-\omega K^+K^{*-}D^+\Delta^0\bar{\Sigma}_c^{*0}$	30765	1	38134
30767	$e^+e^- \to K^*K^-D^+D^-D_s^+$	30766	1	38135
30768	$e^+e^- \to D^-D^{*+}\Delta^-\bar{\Delta}^0D_{s1}^+$	30767	1	38136
30769	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*K^{*+}D^-D^{*+}$	30768	1	38137
30770	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^-D_2^{*+}D_s^-$	30769	1	38138
30771	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0D_s^-$	30770	1	38139
30772	$e^+e^- \to \pi^0\pi^-K^*D^+\bar{D}^{*0}p\bar{\Lambda}_c^-$	30771	1	38140
30773	$e^+e^- \to e^+\nu_e\rho^-\omega\omega D^+\bar{D}^{*-}$	30772	1	38141
30774	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega D^+D^-D_s^-$	30773	1	38142
30775	$e^+e^- \to K^0\bar{K}^0D^{*+}J/\psi a_1^-$	30774	1	38143
30776	$e^+e^- \to K^0D^+D^0\bar{D}^{*0}D_{s1}'^-$	30775	1	38144
30777	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0\bar{D}^{*-}D^0$	30776	1	38145
30778	$e^+e^- \to e^+\nu_e\pi^-\eta\bar{K}^*D_s^{*+}D_0^{*-}$	30777	1	38146
30779	$e^+e^- \to e^+\nu_e\pi^0\eta K^-D^{*+}\bar{D}^0D_1^-$	30778	1	38147
30780	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta D^{*+}D^{*+}$	30779	1	38148
30781	$e^+e^- \to \pi^0\pi^+\eta\omega K^0\bar{D}^{*-}\bar{D}^0D^{*0}$	30780	1	38149
30782	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{K}^0K^+D^+D^-$	30781	1	38150
30783	$e^+e^- \to e^+\nu_e\pi^-\pi^-K^+D^-D^{*+}\bar{D}^0$	30782	1	38151
30784	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega D^-D_1^+$	30783	1	38152

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30785	$e^+e^- \to e^+\nu_e\bar{D}^{*-}D_1^-D_{s1}^+$	30784	1	38153
30786	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega\bar{K}^*\eta'D^-D^{*0}$	30785	1	38154
30787	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^+\Sigma^{*0}\bar{\Xi}_c^0$	30786	1	38155
30788	$e^+e^- \to \pi^-\rho^-\omega\omega K^0K^+K^{*-}D^+D^{*+}$	30787	1	38156
30789	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	30788	1	38157
30790	$e^+e^- \to \pi^-\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}D_s^+$	30789	1	38158
30791	$e^+e^- \to e^-\bar{\nu}_eK^*K^-D^+D^{*+}$	30790	1	38159
30792	$e^+e^- \to \pi^0\pi^0K^0K^-D^{*+}D^{*0}\bar{D}^{*0}$	30791	1	38160
30793	$e^+e^- \to \pi^+D^{*+}p\Delta^+\bar{\Delta}^{++}\bar{\Sigma}_c^{*--}$	30792	1	38161
30794	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-D^-D^{*+}D_s^{*+}$	30793	1	38162
30795	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^+K^-D^-D^0D_s^+$	30794	1	38163
30796	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0K^0D_1^+\psi'$	30795	1	38164
30797	$e^+e^- \to \pi^+\rho^-\omega\omega K^0K^-D^+\bar{D}^{*0}$	30796	1	38165
30798	$e^+e^- \to e^-\bar{\nu}_eX_u^+\bar{K}^0K^+\bar{D}^{*-}$	30797	1	38166
30799	$e^+e^- \to K^+p\bar{\Sigma}_c^{--}\bar{K}_1^0\psi'$	30798	1	38167
30800	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-D^-D^0D_s^-$	30799	1	38168
30801	$e^+e^- \to \rho^-\bar{K}^0K^{*+}\bar{D}^0D_s^+D_s^{*-}\gamma$	30800	1	38169
30802	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+D^+D^-$	30801	1	38170
30803	$e^+e^- \to \pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^0K^+\phi D^+\bar{D}^{*-}$	30802	1	38171
30804	$e^+e^- \to \rho^+K^+D^-\bar{D}^{*-}D_s^{*+}\bar{p}\Lambda$	30803	1	38172
30805	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta K^+D^{*+}\bar{D}^{*-}D^0$	30804	1	38173
30806	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*+}$	30805	1	38174
30807	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^+D^+\bar{D}^{*-}D^0$	30806	1	38175
30808	$e^+e^- \to \pi^0\pi^+\bar{K}^0K^*K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	30807	1	38176
30809	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\eta\omega K^*K^-D^+D^{*+}$	30808	1	38177
30810	$e^+e^- \to e^-\bar{\nu}_e\pi^+K^0D^+D^-$	30809	1	38178
30811	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\eta D^+D_1'^+$	30810	1	38179
30812	$e^+e^- \to \pi^0\rho^+\eta K^-\bar{D}^{*-}\bar{p}\Sigma_c^{*++}$	30811	1	38180
30813	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+}$	30812	1	38181
30814	$e^+e^- \to K^-D_2^{*+}D_s^{*-}p\bar{\Xi}_c'^0$	30813	1	38182
30815	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\eta K^+D^+\bar{D}^{*0}$	30814	1	38183
30816	$e^+e^- \to \pi^-\eta\omega K^+D^{*+}\bar{D}^{*-}D^0$	30815	1	38184

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30817	$e^+e^- \to \pi^0 K^0 K^- D^{*+} \bar{D}^{*-} a_1^+$	30816	1	38185
30818	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \rho^0 \rho^0 \pi^- D^{*+} D_1'^-$	30817	1	38186
30819	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^- \pi^- \rho^+ \eta \bar{K}^0 K^+ D^{*+} D_2^{*-}$	30818	1	38187
30820	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \pi^- \eta \omega D^- D^{*+}$	30819	1	38188
30821	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 D^- D^{*+} \bar{n} p$	30820	1	38189
30822	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^- \rho^- \eta \omega K^{*+} D^{*+} \bar{D}^{*-} D^{*0}$	30821	1	38190
30823	$e^+e^- \to \pi^0 \rho^0 \rho^0 \pi^+ \pi^+ \pi^- \eta \eta \omega D^- \bar{D}^{*0}$	30822	1	38191
30824	$e^+e^- \to \pi^0 \pi^+ \pi^- \pi^- \omega \bar{K}^0 K^+ D^- D^{*+}$	30823	1	38192
30825	$e^+e^- \to \rho^0 \pi^+ \eta D^{*+} \bar{D}^{*-} D_s^{*-}$	30824	1	38193
30826	$e^+e^- \to e^+ \nu_e \pi^0 \pi^0 \rho^0 \bar{D}^{*-} \bar{p} \Lambda_c^+$	30825	1	38194
30827	$e^+e^- \to \pi^0 \pi^+ \pi^- \rho^- \bar{K}^0 K^{*+} \eta' D^{*+} \bar{D}^{*-}$	30826	1	38195
30828	$e^+e^- \to \mu^+ \nu_\mu \pi^+ K^- D^+ D^- \bar{D}^{*-}$	30827	1	38196
30829	$e^+e^- \to \mu^- \bar{\nu}_\mu \eta D^+ D_s^{*-} D_1'^+$	30828	1	38197
30830	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \pi^- \pi^- \rho^+ \rho^+ \rho^- \omega D^+ \bar{D}^0$	30829	1	38198
30831	$e^+e^- \to \rho^0 \rho^0 \pi^- \omega K^* D^{*+} D^{*0} \bar{D}^{*0}$	30830	1	38199
30832	$e^+e^- \to e^- \bar{\nu}_e \eta D^{*+} D_s^{*-} n \bar{\Sigma}^+$	30831	1	38200
30833	$e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- K^* \bar{D}^{*-} J/\psi$	30832	1	38201
30834	$e^+e^- \to \pi^+ \pi^- \pi^- \rho^+ \rho^+ D^+ \bar{D}^{*-} a_1^-$	30833	1	38202
30835	$e^+e^- \to e^- \bar{\nu}_e \pi^0 D^+ D^+ \Delta^0 \bar{p}$	30834	1	38203
30836	$e^+e^- \to \pi^0 \rho^- \eta K^+ \eta' D^- D^{*+} D^{*0}$	30835	1	38204
30837	$e^+e^- \to \pi^0 \pi^0 \rho^0 \pi^+ \omega \bar{K}^0 D^- D_s^+ D_s^-$	30836	1	38205
30838	$e^+e^- \to \tau^- \bar{\nu}_\tau \pi^0 K^0 D^{*+} D^0 \bar{D}^{*0}$	30837	1	38206
30839	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^+ D^+ D^0 D_s^-$	30838	1	38207
30840	$e^+e^- \to D^{*+} \bar{D}^{*-} \bar{D}^{*-} D_{s1}'^+$	30839	1	38208
30841	$e^+e^- \to \pi^+ \bar{K}^* D^- D^- D^{*0} \bar{n} \Delta^+$	30840	1	38209
30842	$e^+e^- \to \mu^+ \nu_\mu \pi^0 \bar{K}^0 K^{*+} K^{*-} \bar{D}^{*-}$	30841	1	38210
30843	$e^+e^- \to K^- D^{*+} \bar{D}^{*-} \bar{D}^{*0} \bar{p} \Delta^{++}$	30842	1	38211
30844	$e^+e^- \to \tau^- \bar{\nu}_\tau \rho^0 \pi^+ \pi^+ \pi^+ \pi^- \rho^- D^+ D^-$	30843	1	38212
30845	$e^+e^- \to \rho^0 \rho^0 \pi^+ \rho^+ \phi D^- D^0 D_s^-$	30844	1	38213
30846	$e^+e^- \to \bar{K}^0 K^+ D^- \bar{D}^{*-} D_{s1}'^+$	30845	1	38214
30847	$e^+e^- \to e^+ \nu_e X_u^- K^- \bar{p} \Sigma_c^{++}$	30846	1	38215
30848	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \pi^+ \pi^- \pi^- D^{*+} D^{*+}$	30847	1	38216

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30849	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-D^{*+}D^0$	30848	1	38217
30850	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-n\bar{p}\Lambda\bar{\Sigma}^0$	30849	1	38218
30851	$e^+e^- \to \pi^0\pi^-\eta D^{*+}D^{*+}D_s^-$	30850	1	38219
30852	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-\eta\eta\eta' D^{*+}\bar{D}^{*-}$	30851	1	38220
30853	$e^+e^- \to \pi^0\pi^-\eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}\Delta^0\bar{\Delta}^0$	30852	1	38221
30854	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-K^0K^-D^-D^{*+}D_s^{*+}$	30853	1	38222
30855	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	30854	1	38223
30856	$e^+e^- \to K^+\bar{D}^{*-}D^0D^0\Delta^+\bar{\Delta}^+$	30855	1	38224
30857	$e^+e^- \to \pi^0\eta K^0\eta' D^+D_s^{*-}$	30856	1	38225
30858	$e^+e^- \to D^-\bar{D}^{*-}D_s^+D_{s1}'^+$	30857	1	38226
30859	$e^+e^- \to \pi^-\rho^+\eta\omega\omega D^{*+}D_1'^-$	30858	1	38227
30860	$e^+e^- \to \rho^-\omega D^{*0}pp\bar{\Delta}^+\bar{\Lambda}$	30859	1	38228
30861	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}\bar{D}^{*-}p\bar{\Sigma}^0$	30860	1	38229
30862	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^0D^+D^{*+}\bar{D}^{*-}$	30861	1	38230
30863	$e^+e^- \to \rho^+\rho^-\rho^-K^{*+}D^+D^-$	30862	1	38231
30864	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0K^0K^+D_s^-D_1'^+$	30863	1	38232
30865	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\eta' D^{*+}\bar{D}^{*-}$	30864	1	38233
30866	$e^+e^- \to \omega D^+D^-D_s^{*+}D_s^{*-}$	30865	1	38234
30867	$e^+e^- \to \mu^+\nu_\mu\bar{K}^*K^-D^+D_1'^-$	30866	1	38235
30868	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^+\omega D^-D^{*+}$	30867	1	38236
30869	$e^+e^- \to e^+\nu_e\pi^-D^-\bar{D}^{*0}D_{s1}'^+$	3018	1	38237
30870	$e^+e^- \to \pi^0\pi^-\rho^+D^{*+}\bar{D}^0D_s^{*-}p\bar{p}$	30869	1	38238
30871	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-D^{*+}$	30870	1	38239
30872	$e^+e^- \to \rho^0\rho^0\pi^-\pi^-K^0\bar{K}^0K^{*+}K^{*-}D^{*+}D_s^+$	30871	1	38240
30873	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	30872	1	38241
30874	$e^+e^- \to e^+\nu_e\pi^-\pi^-\eta\bar{K}^0K^+D^-D^{*+}$	30873	1	38242
30875	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	30874	1	38243
30876	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\omega K^*K^-D^+D^{*+}$	30875	1	38244
30877	$e^+e^- \to K^+D^+\bar{D}^{*-}D^{*0}\Delta^-\bar{n}$	30876	1	38245
30878	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\bar{K}^0K^{*+}\bar{D}^{*-}D_1^+$	30877	1	38246
30879	$e^+e^- \to \pi^+K^*D^-D^{*+}\bar{p}\bar{\Xi}_c^0$	30878	1	38247
30880	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+K^0K^-\eta' D^{*+}\bar{D}^{*-}$	30879	1	38248

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30881	$e^+e^- \to \pi^0\pi^0\pi^- K^* K^+ K^- D^+ \chi_{c1}$	30880	1	38249
30882	$e^+e^- \to \mu^- \bar{\nu}_\mu D^- D^{*+} D_s^+ \gamma$	30881	1	38250
30883	$e^+e^- \to \mu^+ \nu_\mu \pi^0\pi^0\pi^0 D^- D_s^{*+} \bar{p} \Sigma^{*0}$	30882	1	38251
30884	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^- \bar{K}^* D^+$	30883	1	38252
30885	$e^+e^- \to e^- \bar{\nu}_e \rho^0 \pi^+\pi^- D^{*+} \bar{D}^{*0}$	30884	1	38253
30886	$e^+e^- \to e^- \bar{\nu}_e \pi^+\pi^+ K^+ K^- D^- D^{*+} n\bar{p}$	30885	1	38254
30887	$e^+e^- \to \pi^0\pi^+\rho^-\omega \bar{D}^{*-} D_{s1}'^+$	30886	1	38255
30888	$e^+e^- \to \bar{K}^* \bar{D}^{*-} D_s^{*+} D_s^{*-} D_{s1}'^+$	30887	1	38256
30889	$e^+e^- \to K^0 D^- D^{*+} \bar{D}^{*-} D_{s1}'^+$	30888	1	38257
30890	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega D^{*+} \bar{D}^{*-} D_s^-$	30889	1	38258
30891	$e^+e^- \to \mu^- \bar{\nu}_\mu \rho^+ \eta D^+ \bar{D}^{*-}$	30890	1	38259
30892	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^+ \bar{K}^0 D^- D^{*+}$	30891	1	38260
30893	$e^+e^- \to \pi^+ K^* K^- \eta' D^{*+} \bar{D}^{*-}$	30892	1	38261
30894	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^- K^0 D^0 \eta_c$	30893	1	38262
30895	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+ D^{*+} \bar{D}^{*-}$	30894	1	38263
30896	$e^+e^- \to \pi^- \eta \bar{K}^0 K^+ D^- D^{*+}$	30895	1	38264
30897	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^{*+} \bar{D}^{*-}$	30896	1	38265
30898	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} \Delta^+ \bar{\Sigma}_c^-$	30897	1	38266
30899	$e^+e^- \to \pi^0\pi^0\pi^+\eta D^+ D^- D_{s0}^{*-}$	30898	1	38267
30900	$e^+e^- \to \rho^0\pi^- K^0 D^+ D^- \bar{D}^0 D_s^+$	30899	1	38268
30901	$e^+e^- \to \pi^0\pi^0\rho^+\rho^- K^0 K^- D^- D^{*+} \bar{n} \Delta^+$	30900	1	38269
30902	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+\rho^+\rho^- K^0 K^* D^{*+} D_s^{*-}$	30901	1	38270
30903	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+\pi^+\pi^+\pi^-\pi^-\eta D^{*+} \bar{D}^{*-}$	30902	1	38271
30904	$e^+e^- \to e^- \bar{\nu}_e \pi^0\pi^+\pi^-\pi^-\rho^+\eta\omega D^{*+} D^{*0}$	30903	1	38272
30905	$e^+e^- \to e^+ \nu_e K^- K^{*+} \eta' \bar{D}^{*-} \bar{D}^{*0}$	30904	1	38273
30906	$e^+e^- \to e^+ \nu_e \pi^0\pi^0\pi^+\rho^+ \bar{D}^{*-} \bar{D}^{*-} n\bar{p}$	30905	1	38274
30907	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\eta K^0 D^- D^0$	30906	1	38275
30908	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0\pi^+\pi^- \bar{D}^0 D_0^{*+}$	30907	1	38276
30909	$e^+e^- \to \pi^+\omega\omega K^* D^- J/\psi$	30908	1	38277
30910	$e^+e^- \to \pi^0\rho^0 K^0 K^+ K^- D^+ D_s^-$	30909	1	38278
30911	$e^+e^- \to \pi^0\rho^+ K^* D^+ D_2^{*-} D_s^{*-} \gamma$	30910	1	38279
30912	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^- K^0 K^- D^+ \bar{D}^{*-}$	30911	1	38280

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30913	$e^+e^- \to \rho^0\pi^+K^-K^{*+}\bar{D}^{*-}\bar{\Delta}^0\Sigma_c^0$	30912	1	38281
30914	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+K^{*+}D^-D_1^+$	30913	1	38282
30915	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^+D^+D^-D_s^-$	30914	1	38283
30916	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\eta K^+K^-D^0\bar{D}^{*0}$	30915	1	38284
30917	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0K^-D^+\bar{D}^{*-}\bar{p}\Delta^+$	30916	1	38285
30918	$e^+e^- \to \pi^0\pi^0\pi^0\eta K^+D^+D^-D^{*0}D_s^{*-}$	30917	1	38286
30919	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+\rho^+\rho^-\eta\eta\omega D^{*+}\bar{D}^{*-}$	30918	1	38287
30920	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^-D^{*+}D_s^{*+}$	30919	1	38288
30921	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^-\rho^-\eta\eta K^0D^+$	30920	1	38289
30922	$e^+e^- \to \tau^+\nu_\tau\pi^-\eta K^0\bar{K}^*D^+\bar{D}^{*-}$	30921	1	38290
30923	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\eta D^-D^-D^0$	30922	1	38291
30924	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^-D_{s1}'^+$	30923	1	38292
30925	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	30924	1	38293
30926	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+D^-D^{*+}$	30925	1	38294
30927	$e^+e^- \to \pi^-\bar{D}^0D^{*0}D_s^+p\bar{\Delta}^+$	30926	1	38295
30928	$e^+e^- \to e^+\nu_e\pi^0\eta\eta\bar{D}^{*-}\bar{D}^{*0}$	30927	1	38296
30929	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^0K^+D^+D^0D_s^{*-}$	30928	1	38297
30930	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{K}^0K^*K^{*+}K^{*-}D^+\bar{D}^{*-}$	30929	1	38298
30931	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\bar{K}^*D^-D^{*+}\bar{D}^{*-}$	3019	1	38299
30932	$e^+e^- \to \pi^-\rho^+K^-D^+D^-\bar{D}^0\bar{\Delta}^+\Delta^{++}$	30931	1	38300
30933	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-K^*K^+K^{*-}D^+D^-$	30932	1	38301
30934	$e^+e^- \to \pi^0\pi^-K^0\bar{K}^0D^-D^{*+}D_s^{*+}$	30933	1	38302
30935	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega K^+D^-D^0\bar{D}^0$	30934	1	38303
30936	$e^+e^- \to K^0\bar{K}^0\bar{K}^0D^{*0}\bar{D}^{*0}\Delta^{++}\bar{\Sigma}_c^{*--}$	30935	1	38304
30937	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\omega\omega K^*D^+\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	30936	1	38305
30938	$e^+e^- \to \rho^+\rho^-\omega K_SK^*\psi'$	30937	1	38306
30939	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\omega D^-\bar{D}^{*-}$	30938	1	38307
30940	$e^+e^- \to \rho^0K^0K^{*-}D^+D^+\bar{D}^{*-}\bar{D}^{*0}$	30939	1	38308
30941	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^+D^{*+}n\bar{p}$	30940	1	38309
30942	$e^+e^- \to K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}D_{s1}^+$	30941	1	38310
30943	$e^+e^- \to \pi^0D_s^+p\bar{\Delta}^+\Sigma^0\bar{\Sigma}_c^-$	30942	1	38311
30944	$e^+e^- \to \pi^+K^{*-}D^+D^0\bar{D}^0D_s^-$	30943	1	38312

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30945	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^+K^-D^+D^-$	30944	1	38313
30946	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}$	30945	1	38314
30947	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\omega D^-\bar{D}^{*-}$	30946	1	38315
30948	$e^+e^- \to \bar{K}^0\bar{K}^0K^*K^*D_s^-D_s^{*+}$	30947	1	38316
30949	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*D^+D^-D^-$	30948	1	38317
30950	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^0\pi^-\eta D^+\bar{D}^{*-}$	30949	1	38318
30951	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-K^+D^{*+}D^0\bar{D}^{*0}$	30950	1	38319
30952	$e^+e^- \to \pi^+\pi^-K^0D^+D^-D^{*+}D_s^-$	30951	1	38320
30953	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\rho^+K^0\bar{K}^0K^-D^-\bar{D}^{*-}$	30952	1	38321
30954	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0$	30953	1	38322
30955	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}\Delta^0\bar{\Sigma}^{*+}$	30954	1	38323
30956	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0D^+D^+\bar{D}^{*0}$	30955	1	38324
30957	$e^+e^- \to \rho^+\omega\eta'D^-\bar{p}\Sigma_c^{*+}$	30956	1	38325
30958	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\eta\bar{K}^0D^+D^-\bar{D}^{*-}$	30957	1	38326
30959	$e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}D_{s0}^{*+}$	30958	1	38327
30960	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\omega\omega\omega K^-K^{*+}D^{*+}\bar{D}^{*-}$	30959	1	38328
30961	$e^+e^- \to e^+\nu_e\pi^+\pi^-K^0K^{*-}D^{*+}\bar{D}^{*-}$	30960	1	38329
30962	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^-K^0\bar{K}^0\bar{K}^*K^+D^+D^{*+}$	30961	1	38330
30963	$e^+e^- \to \pi^0\omega n\bar{n}\bar{\Lambda}\Sigma_c^0$	30962	1	38331
30964	$e^+e^- \to \pi^+\rho^+\rho^-\bar{D}^{*-}D_s^{*-}D_1^+$	30963	1	38332
30965	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\eta K^0K^+K^-K^{*-}D^{*+}\bar{D}^{*-}$	30964	1	38333
30966	$e^+e^- \to \pi^0\pi^0\rho^+D^-\bar{D}^{*-}\bar{n}p$	30965	1	38334
30967	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta D^+D^-$	30966	1	38335
30968	$e^+e^- \to \omega K^*K^*K^-D^{*+}J/\psi$	30967	1	38336
30969	$e^+e^- \to K^0K^0K^0D^+D_s^+D_s^-D_s^{*-}$	30968	1	38337
30970	$e^+e^- \to \pi^+\pi^-D^-D^{*+}D_s^{*+}\bar{\Delta}^+\Lambda$	30969	1	38338
30971	$e^+e^- \to \pi^0\pi^+K^0D^0D_s^-D_s^{*-}\bar{\Delta}^+\Delta^{++}$	30970	1	38339
30972	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	30971	1	38340
30973	$e^+e^- \to \rho^-\omega K^+D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	30972	1	38341
30974	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^-\eta\eta D^+D^-$	30973	1	38342
30975	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\rho^-D^-D^{*0}$	30974	1	38343
30976	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^-\bar{K}^*K^+\eta'D^+\bar{D}^{*-}$	30975	1	38344

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
30977	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-\eta\bar{K}^0D^-D^{*+}$	30976	1	38345
30978	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\eta K^-K^{*+}D^+D^-$	30977	1	38346
30979	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\omega K^0\bar{K}^0K^{*-}D^-$	30978	1	38347
30980	$e^+e^- \to \pi^0\pi^-\pi^-\eta D^+D^{*+}$	30979	1	38348
30981	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega\omega K^0\bar{K}^0\bar{D}^{*-}D^0$	30980	1	38349
30982	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+D^{*+}D_1^-$	30981	1	38350
30983	$e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}a_1^+\gamma$	30982	1	38351
30984	$e^+e^- \to \rho^0\omega D^{*+}\bar{D}^0a_1^-$	30983	1	38352
30985	$e^+e^- \to \pi^0\pi^-\eta\omega K^0\bar{K}^0\bar{K}^*K^+D^+\bar{D}^{*-}$	30984	1	38353
30986	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	30985	1	38354
30987	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^0$	30986	1	38355
30988	$e^+e^- \to \pi^0\pi^+\pi^-K^+D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	30987	1	38356
30989	$e^+e^- \to \pi^-\omega K^0\bar{K}^*D^{*+}D_s^{*+}D_1^-$	30988	1	38357
30990	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0\bar{K}^*K^+K^-D^{*+}\bar{D}^{*-}$	30989	1	38358
30991	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\omega K^0D^-D^{*+}p\bar{p}$	30990	1	38359
30992	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}D^0\bar{D}^{*0}$	30991	1	38360
30993	$e^+e^- \to \mu^+\nu_\mu\pi^+K^-\chi_{c2}D_1^-$	30992	1	38361
30994	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\rho^+\omega\omega D^{*+}\bar{D}^{*-}$	30993	1	38362
30995	$e^+e^- \to \pi^0\pi^-\rho^+D^{*+}\bar{D}^0D_s^{*-}$	30994	1	38363
30996	$e^+e^- \to \rho^0\eta K^0D^{*0}\bar{D}^{*0}J/\psi$	30995	1	38364
30997	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega K^-K^{*+}D^+\bar{D}^{*-}$	30996	1	38365
30998	$e^+e^- \to \mu^+\nu_\mu\pi^0\omega D^+\bar{D}^{*-}n\bar{p}$	30997	1	38366
30999	$e^+e^- \to D^+D^-\bar{D}^{*-}D_s^+$	30998	1	38367
31000	$e^+e^- \to \pi^-K^+D^-D^{*+}D^{*+}a_1^-$	30999	1	38368
31001	$e^+e^- \to \pi^+D^+D^0D_s^{*-}D_s^{*-}$	31000	1	38369
31002	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^-\bar{K}^0D^+D^{*0}\Delta^0\bar{\Delta}^{++}$	31001	1	38370
31003	$e^+e^- \to e^-\bar{\nu}_eK^{*+}D^-D_1^+\gamma$	31002	1	38371
31004	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^+K^0K^{*-}D^-D^{*+}$	31003	1	38372
31005	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega\omega D^-D^0D_s^+$	31004	1	38373
31006	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega\omega\omega\omega D^+D^+$	31005	1	38374
31007	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega D^+\bar{D}^{*-}p\bar{p}$	31006	1	38375
31008	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-a_1^+D_1'^+$	31007	1	38376

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31009	$e^+e^- \to K^0 D^{*+} \Delta^0 \bar{\Sigma}_c^{*0} D_{s1}^-$	31008	1	38377
31010	$e^+e^- \to e^+\nu_e \pi^0 \rho^0 \pi^- \bar{K}^0 D^+ \bar{D}^{*-}$	31009	1	38378
31011	$e^+e^- \to \rho^+ \eta D^- D^{*+} D_s^-$	31010	1	38379
31012	$e^+e^- \to \pi^- \rho^+ D^{*+} \bar{D}^0 \Sigma^0 \bar{\Sigma}^-$	31011	1	38380
31013	$e^+e^- \to \rho^0 \pi^+ \pi^- \pi^- D^+ D^{*+} D_{s0}^{*-}$	31012	1	38381
31014	$e^+e^- \to K_L \rho^+ \bar{D}^{*-} J/\psi$	31013	1	38382
31015	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^+ \eta K^{*+} K^{*-} D^{*+} \bar{D}^{*-}$	31014	1	38383
31016	$e^+e^- \to e^- \bar{\nu}_e \eta D^+ D^{*+} \Delta^- \bar{n}$	31015	1	38384
31017	$e^+e^- \to \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^- \rho^+ \rho^- \eta D^{*+} \bar{D}^{*-}$	31016	1	38385
31018	$e^+e^- \to e^+\nu_e \rho^0 K^* \bar{D}^{*-} \eta_c$	31017	1	38386
31019	$e^+e^- \to \bar{K}^0 K^{*+} D^- \bar{D}^{*-} D_{s1}'^+ \gamma$	31018	1	38387
31020	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^- \omega K^0 K^{*-} D^{*+} \bar{D}^{*-}$	31019	1	38388
31021	$e^+e^- \to \pi^0 \pi^0 \pi^+ \pi^+ \omega K^0 K^{*-} \eta' D^+ D^- p \bar{\Delta}^{++}$	31020	1	38389
31022	$e^+e^- \to e^- \bar{\nu}_e \omega D_2^{*+} \Delta^0 \bar{\Sigma}_c^0$	31021	1	38390
31023	$e^+e^- \to \eta D^+ \bar{D}^{*0} n \bar{p}$	31022	1	38391
31024	$e^+e^- \to \pi^0 \rho^0 \pi^+ \pi^- \rho^- \omega \bar{K}^0 \bar{K}^* D^+ D^{*0}$	31023	1	38392
31025	$e^+e^- \to \rho^0 \pi^+ \rho^- D^+ \bar{D}^{*-}$	31024	1	38393
31026	$e^+e^- \to e^+\nu_e \pi^0 \pi^+ \pi^- D^0 D_1^-$	31025	1	38394
31027	$e^+e^- \to \pi^0 \pi^+ \pi^- D^+ \bar{D}^{*-} \bar{D}^0$	31026	1	38395
31028	$e^+e^- \to \pi^+ \pi^+ \pi^- \rho^+ K^0 K^{*-} D^- D^0$	31027	1	38396
31029	$e^+e^- \to \pi^0 K_S K^0 K^- D^{*+} \psi'$	31028	1	38397
31030	$e^+e^- \to \pi^0 \pi^+ \pi^- K^0 K^+ K^{*-} D^+ D^- D^0$	31029	1	38398
31031	$e^+e^- \to e^- \bar{\nu}_e K^* D_2^{*+} \Delta^+ \bar{\Lambda}_c^-$	31030	1	38399
31032	$e^+e^- \to \pi^0 \pi^+ \pi^+ \pi^+ \pi^- \rho^- D^{*+} \bar{D}^{*-} \Delta^0 \bar{\Delta}^+$	31031	1	38400
31033	$e^+e^- \to \rho^0 \pi^+ \pi^- \rho^+ D^+ \bar{D}^{*-} \bar{D}^{*-}$	31032	1	38401
31034	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \pi^0 \pi^0 \pi^+ \pi^- \rho^+ \eta \eta K^0 D^{*+} D_s^{*-}$	31033	1	38402
31035	$e^+e^- \to \pi^0 \pi^+ \pi^+ \rho^- \eta K^0 D^- \bar{\Delta}^+ \Xi_c^{*+}$	31034	1	38403
31036	$e^+e^- \to \rho^+ \eta D^+ \bar{D}^{*-} D_s^{*-}$	3020	1	38404
31037	$e^+e^- \to \pi^+ \pi^+ \pi^- \rho^- \omega D^+ \bar{D}^{*-}$	31036	1	38405
31038	$e^+e^- \to \pi^0 \rho^0 \rho^- \omega \eta' D^+ D^- \bar{n} p$	31037	1	38406
31039	$e^+e^- \to \pi^0 \pi^0 \pi^0 \pi^- \pi^- \rho^- \eta K^+ D^+ D^+ \bar{D}^{*0} \gamma$	31038	1	38407
31040	$e^+e^- \to e^+\nu_e \pi^0 \pi^- K^* \bar{K}^* D^+ \bar{D}^{*-}$	31039	1	38408

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31041	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	31040	1	38409
31042	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\eta D^+D^-D_s^{*+}$	31041	1	38410
31043	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\omega\omega\omega K^+K^-D^-D^{*+}$	31042	1	38411
31044	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega K^-K^{*+}D^{*+}\bar{D}^{*0}$	31043	1	38412
31045	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^+D^-D^-$	31044	1	38413
31046	$e^+e^- \to \pi^-K^+D^{*+}D^{*0}\bar{D}^{*0}D_s^{*-}$	31045	1	38414
31047	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\bar{K}^*K^+K^-\eta' D^{*0}n\bar{p}$	31046	1	38415
31048	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta K^0K^{*-}D^-D^{*+}$	31047	1	38416
31049	$e^+e^- \to \tau^+\tau^-\nu_\tau\bar{\nu}_\tau\bar{D}^{*-}D_0^{*+}$	31048	1	38417
31050	$e^+e^- \to \pi^0\pi^0\rho^+\rho^-K^0\bar{K}^0K^*D^+\bar{D}^{*-}$	31049	1	38418
31051	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_eD^+D_1^+$	31050	1	38419
31052	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^*K^{*-}D^+D^-$	31051	1	38420
31053	$e^+e^- \to \pi^0\rho^0\pi^-\omega D^+D^{*+}D_s^{*-}$	31052	1	38421
31054	$e^+e^- \to \rho^+\rho^-K^0K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	31053	1	38422
31055	$e^+e^- \to \rho^0\rho^+\rho^+K^0\phi D_s^-D_s^{*-}$	31054	1	38423
31056	$e^+e^- \to D_2^{*+}D_2^{*-}D_s^+D_s^{*-}$	31055	1	38424
31057	$e^+e^- \to K^0\bar{K}^0D^+D^-D_s^-a_1^+$	31056	1	38425
31058	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^0\bar{n}\Delta^0$	31057	1	38426
31059	$e^+e^- \to \pi^0\pi^-\rho^+\omega\bar{K}^0K^*D^+D^-$	31058	1	38427
31060	$e^+e^- \to \pi^-\pi^-\rho^+\eta D^+D^{*+}a_1^-$	31059	1	38428
31061	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-D^0D^{*0}$	31060	1	38429
31062	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-K^0\bar{K}^0D^-D^0$	31061	1	38430
31063	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0K^-D^{*+}\bar{D}^{*-}$	31062	1	38431
31064	$e^+e^- \to \pi^0\pi^+\eta D^-D^-a_1^+$	31063	1	38432
31065	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^0D_s^{*-}D_1^+$	31064	1	38433
31066	$e^+e^- \to \pi^0K^-D^+J/\psi K_1^0$	31065	1	38434
31067	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}$	31066	1	38435
31068	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^{*0}$	31067	1	38436
31069	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta' D^-D^{*+}$	31068	1	38437
31070	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega K^0K^0D^+\bar{D}^{*-}\bar{D}^{*-}$	31069	1	38438
31071	$e^+e^- \to \pi^0\pi^+\eta' D^+\bar{D}^{*-}D_s^-$	31070	1	38439
31072	$e^+e^- \to \rho^0K^*K^{*-}D^+D^{*+}\Delta^0\bar{\Delta}^+$	31071	1	38440

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31073	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^+\pi^-K^*J/\psi$	31072	1	38441
31074	$e^+e^- \to e^-\bar{\nu}_e\pi^+\omega K^+K^{*-}D^-D_1'^+$	31073	1	38442
31075	$e^+e^- \to \eta K^0K^{*-}D^{*+}n\bar{\Sigma}_c^0$	31074	1	38443
31076	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta\omega\bar{D}^{*-}\bar{D}^{*0}$	31075	1	38444
31077	$e^+e^- \to \pi^0\bar{K}^0D^+D^{*+}\bar{D}^{*-}D_s^-$	31076	1	38445
31078	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\rho^+\rho^-\bar{K}^0K^*\bar{D}^{*-}D^0n\bar{p}$	31077	1	38446
31079	$e^+e^- \to e^+\nu_e\rho^0\pi^+\rho^-\omega\bar{D}^{*-}D^{*0}$	31078	1	38447
31080	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\eta D^+D^-$	31079	1	38448
31081	$e^+e^- \to \rho^-\bar{K}^*K^+D^-D^{*+}D^{*+}\bar{D}^{*-}$	31080	1	38449
31082	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}D_s^{*-}D_1^+$	31081	1	38450
31083	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}$	31082	1	38451
31084	$e^+e^- \to K^*\bar{D}^{*-}\bar{\Delta}^+\Xi_c^{*+}D_{s1}^+$	31083	1	38452
31085	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0D_2^{*-}D_s^{*+}J/\psi$	31084	1	38453
31086	$e^+e^- \to \mu^+\nu_\mu\pi^-\omega\omega D^{*+}D_1^-$	31085	1	38454
31087	$e^+e^- \to e^+\nu_e\rho^-\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi_c^+$	31086	1	38455
31088	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\omega D^-p\bar{p}D_1'^+$	31087	1	38456
31089	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\pi^-\rho^+\omega D^{*+}D_1'^+$	31088	1	38457
31090	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\pi^+\pi^-\omega D^{*+}\bar{D}^{*0}$	31089	1	38458
31091	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^+\eta\omega D^+D^-$	31090	1	38459
31092	$e^+e^- \to \pi^0\pi^+\pi^+K^0\bar{D}^{*-}D^{*0}n\bar{\Sigma}_c^-$	31091	1	38460
31093	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^-\omega D^{*+}\bar{D}^{*-}$	31092	1	38461
31094	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-K^0D^-D^{*+}\bar{D}^{*-}$	31093	1	38462
31095	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\rho^+\bar{D}^0D_s^{*+}$	31094	1	38463
31096	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta\omega\omega D^{*+}\bar{D}^{*-}$	31095	1	38464
31097	$e^+e^- \to e^-\bar{\nu}_e\bar{D}^{*-}D_1'^+D_{s1}'^+$	31096	1	38465
31098	$e^+e^- \to \pi^0\pi^+K^0K^-D^-D^{*+}D^{*0}\bar{D}^{*0}$	31097	1	38466
31099	$e^+e^- \to \pi^+\omega K^*K^-\bar{D}^0\eta_c$	31098	1	38467
31100	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^*\bar{K}^*D^+D_1^+$	31099	1	38468
31101	$e^+e^- \to \pi^-\bar{K}^*K^+K^-K^-D^+D^{*+}$	31100	1	38469
31102	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^+D^-$	31101	1	38470
31103	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\pi^-\omega D^-D_1^+$	31102	1	38471
31104	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-K^{*-}D^+\bar{D}^0\bar{D}^0$	31103	1	38472

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31105	$e^+e^- \to \mu^+\nu_\mu\pi^-\pi^-\omega K^{*+}K^{*-}D^+\bar{D}^0$	31104	1	38473
31106	$e^+e^- \to \pi^-\pi^-\rho^+\omega K^0K^+D^+D^-\bar{D}^0$	31105	1	38474
31107	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}D^0\bar{D}^{*0}D_s^{*+}$	31106	1	38475
31108	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\eta D^+D^-$	31107	1	38476
31109	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\bar{D}^{*-}D^0D_s^+$	31108	1	38477
31110	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^+D^+\bar{D}^0n\bar{p}$	31109	1	38478
31111	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^*D^+D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	31110	1	38479
31112	$e^+e^- \to e^-\bar{\nu}_e\eta D^-D^{*+}\bar{p}\Delta^{++}$	31111	1	38480
31113	$e^+e^- \to \pi^0K^0D^{*+}\bar{D}^{*-}D^0\bar{D}^0$	31112	1	38481
31114	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\eta'\bar{D}^{*-}D^{*0}$	31113	1	38482
31115	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\bar{D}^{*-}D^{*0}D_s^{*+}$	31114	1	38483
31116	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^-D^{*+}D_{s1}^+\gamma$	31115	1	38484
31117	$e^+e^- \to \tau^+\nu_\tau\pi^-\bar{K}^*D^{*+}D_2^{*-}\bar{D}^{*0}$	31116	1	38485
31118	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\eta K^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	31117	1	38486
31119	$e^+e^- \to \pi^+\pi^+\pi^-\eta\omega K^0D^{*0}a_1^-$	31118	1	38487
31120	$e^+e^- \to \pi^+\omega K^{*-}D^+D^-\bar{D}^{*0}$	31119	1	38488
31121	$e^+e^- \to \pi^+\pi^-\pi^-\eta K^0\bar{K}^0\bar{K}^*K^{*+}D^+D^-$	31120	1	38489
31122	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-D^{*+}\bar{D}^{*-}n\bar{n}$	31121	1	38490
31123	$e^+e^- \to \pi^0\rho^+\rho^-\omega D^+D^-$	31122	1	38491
31124	$e^+e^- \to \rho^-\omega K^0K^-D^+D^+$	31123	1	38492
31125	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\omega\bar{D}^0D^{*0}D_s^-$	31124	1	38493
31126	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^*K^-D^-D^{*+}$	31125	1	38494
31127	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-K^+D^+D^-D^{*0}$	31126	1	38495
31128	$e^+e^- \to \pi^0\pi^+\omega\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	31127	1	38496
31129	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega\omega\omega K^0\bar{K}^0K^*D^{*+}$	31128	1	38497
31130	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\eta\eta'D^+\bar{D}^{*0}$	31129	1	38498
31131	$e^+e^- \to \pi^+\pi^-\rho^+\eta\omega\bar{K}^0\eta'D^-D^0$	31130	1	38499
31132	$e^+e^- \to e^+\nu_e\pi^-K^0\bar{K}^*\phi D^+\bar{D}^{*-}$	31131	1	38500
31133	$e^+e^- \to e^+\nu_eK^0D^-\bar{n}\Xi_c^{\prime 0}$	31132	1	38501
31134	$e^+e^- \to \pi^+\eta\omega\eta'D^{*+}\bar{D}^{*-}D_s^-$	31133	1	38502
31135	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^+\bar{D}^{*-}$	31134	1	38503
31136	$e^+e^- \to \pi^+\pi^-\pi^-\rho^-\eta D^{*+}\bar{D}^0D_s^{*+}$	31135	1	38504

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31137	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega\bar{K}^*K^+D^{*+}\bar{D}^{*-}$	31136	1	38505
31138	$e^+e^- \to \omega K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^0\Sigma^+$	31137	1	38506
31139	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+K^*K^+K^-D^+\bar{D}^{*-}$	31138	1	38507
31140	$e^+e^- \to \rho^+\omega K^-D^+D^-\bar{D}^0$	31139	1	38508
31141	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta D^+\bar{D}^{*-}$	31140	1	38509
31142	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-\omega D^{*+}D^{*+}$	31141	1	38510
31143	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^*D^+\bar{D}^{*-}\bar{D}^0$	31142	1	38511
31144	$e^+e^- \to \pi^0\bar{K}^0\bar{K}^0K^+D^-D^{*0}\bar{D}^{*0}$	31143	1	38512
31145	$e^+e^- \to \rho^-K^*\bar{K}^*K^+D^{*+}\bar{D}^{*-}D^{*0}$	31144	1	38513
31146	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}$	31145	1	38514
31147	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega K^*D^{*+}D_s^-$	31146	1	38515
31148	$e^+e^- \to \pi^0\pi^0\pi^-\omega\omega K^*D^+D^+\bar{D}^{*-}$	31147	1	38516
31149	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^-D^+\bar{D}^0$	31148	1	38517
31150	$e^+e^- \to D^{*+}\bar{D}^{*0}\bar{p}\Delta^+a_1^-$	31149	1	38518
31151	$e^+e^- \to \rho^0K^*K^-D^{*+}\bar{D}^{*-}a_1^+$	31150	1	38519
31152	$e^+e^- \to \rho^+\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D^0$	31151	1	38520
31153	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\eta\omega K^0K^-\bar{p}\Lambda_c^+$	31152	1	38521
31154	$e^+e^- \to \omega K^*K^+K^-\phi D^{*+}\bar{D}^{*-}D^0$	31153	1	38522
31155	$e^+e^- \to \pi^+\rho^-\omega\bar{K}^0K^{*+}D^+D^-D_s^{*-}$	31154	1	38523
31156	$e^+e^- \to K_S\bar{K}^0D^-D^{*+}\eta_c$	31155	1	38524
31157	$e^+e^- \to K^0K^-D^+D_2^{*+}D_s^-$	31156	1	38525
31158	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D^0a_1^+$	31157	1	38526
31159	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^+D_s^{*+}D_s^{*-}\chi_{c1}$	31158	1	38527
31160	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-D_s^{*+}$	31159	1	38528
31161	$e^+e^- \to \rho^0\rho^+D^{*0}\Delta^0\bar{\Sigma}_c^-$	31160	1	38529
31162	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\eta K^0K^{*-}\eta'D^{*+}D^0$	31161	1	38530
31163	$e^+e^- \to \rho^0\pi^+K^*K^+K^-D^+D^-D^-$	31162	1	38531
31164	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}n\bar{\Sigma}_c^0$	31163	1	38532
31165	$e^+e^- \to \pi^0\pi^+\rho^-\omega D^{*+}D^0a_1^-$	31164	1	38533
31166	$e^+e^- \to \pi^+\rho^-\eta K^-D^+\bar{D}^{*-}\bar{D}^0D_s^{*+}$	31165	1	38534
31167	$e^+e^- \to \rho^+\omega\omega\bar{K}^*D^-J/\psi$	31166	1	38535
31168	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\bar{K}^0\bar{K}^*K^{*+}\bar{D}^{*-}$	31167	1	38536

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31169	$e^+e^- \to \pi^+\rho^+K^0K^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	31168	1	38537
31170	$e^+e^- \to \pi^-K^0\bar{K}^0D^+D^-\bar{n}\Xi_c'^+$	31169	1	38538
31171	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+K^-K^{*+}D^-D^0$	31170	1	38539
31172	$e^+e^- \to \pi^-\pi^-\eta'D^+p\bar{\Sigma}_c^0$	31171	1	38540
31173	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-D^+\bar{D}^{*0}$	31172	1	38541
31174	$e^+e^- \to \pi^+\pi^-\omega\omega D^{*+}\Sigma^0\bar{\Xi}_c^{*-}$	31173	1	38542
31175	$e^+e^- \to \pi^-\omega\bar{K}^0K^+D^+D^-$	31174	1	38543
31176	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-}$	31175	1	38544
31177	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^{*0}$	31176	1	38545
31178	$e^+e^- \to \eta\bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^{*-}$	31177	1	38546
31179	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\omega D^+\bar{D}^{*-}$	31178	1	38547
31180	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\omega\bar{K}^0K^+D^+D^-$	31179	1	38548
31181	$e^+e^- \to \bar{K}^0K^-J/\psi\Delta^+\bar{\Xi}_c^0$	31180	1	38549
31182	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\omega K^*K^-D^+D^-$	31181	1	38550
31183	$e^+e^- \to \pi^+\eta'D^-D^-D_s^{*+}$	31182	1	38551
31184	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+D^+D^-$	31183	1	38552
31185	$e^+e^- \to \pi^-K^{*-}D^{*+}\bar{D}^{*0}\bar{\Delta}^0\Sigma_c^+$	31184	1	38553
31186	$e^+e^- \to \pi^+K^-\bar{D}^{*-}D_s^+D_s^-D_s^{*+}$	31185	1	38554
31187	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\eta D^-D^0$	31186	1	38555
31188	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\eta D^+D_1^-$	31187	1	38556
31189	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\bar{K}^*K^+\bar{D}^{*-}D^{*0}$	31188	1	38557
31190	$e^+e^- \to \mu^+\nu_\mu D^{*+}D_s^{*-}D_1'^-\gamma$	31189	1	38558
31191	$e^+e^- \to \pi^+\pi^+\rho^-K^0D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^{++}$	31190	1	38559
31192	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}$	31191	1	38560
31193	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0D^-D^{*+}D_s^{*+}\gamma$	31192	1	38561
31194	$e^+e^- \to D^{*+}\bar{D}^{*-}D_{s0}^{*-}D_{s1}'^+$	31193	1	38562
31195	$e^+e^- \to \eta\bar{K}^0\bar{K}^0D^+\bar{D}^{*-}D^0$	31194	1	38563
31196	$e^+e^- \to \pi^+\pi^-K^0D^+D^+\bar{D}^{*-}D_s^-$	31195	1	38564
31197	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\omega\bar{K}^0\bar{K}^0K^+D^-D^{*+}$	31196	1	38565
31198	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+D^-D_0^{*-}$	31197	1	38566
31199	$e^+e^- \to \pi^+\pi^+\pi^-\eta\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}$	31198	1	38567
31200	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+D^{*+}\bar{D}^{*-}$	31199	1	38568

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31201	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\eta\bar{K}^0\bar{D}^{*-}\bar{n}\Delta^0$	31200	1	38569
31202	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*0}$	31201	1	38570
31203	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}n\bar{n}$	31202	1	38571
31204	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0D^-D^{*+}D_s^{*+}$	31203	1	38572
31205	$e^+e^- \to \pi^0\rho^-\omega D^+D^-D_{s1}'^+$	31204	1	38573
31206	$e^+e^- \to \rho^0\pi^+\eta\bar{K}^0D^-J/\psi$	31205	1	38574
31207	$e^+e^- \to e^-\bar{\nu}_eK^{*-}D^+D_2^{*+}\bar{D}^{*0}$	31206	1	38575
31208	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*0}\bar{D}^{*0}D_s^+$	31207	1	38576
31209	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-K^0K^{*-}D^{*0}\bar{D}^{*0}D_s^{*+}$	31208	1	38577
31210	$e^+e^- \to \pi^0\pi^0\bar{K}^*\bar{D}^{*-}D^0\bar{D}^0D_s^{*+}$	31209	1	38578
31211	$e^+e^- \to \bar{K}^0\bar{K}^*K^{*+}\eta'D^-D_s^+D_s^-$	31210	1	38579
31212	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\eta\omega K^+K^{*+}K^{*-}D^+\bar{D}^{*-}$	31211	1	38580
31213	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D^{*0}$	31212	1	38581
31214	$e^+e^- \to K^0D^{*+}\bar{D}^{*0}D_{s1}'^-$	31213	1	38582
31215	$e^+e^- \to K^*K^{*-}D^+D_2^{*-}D_s^{*+}$	31214	1	38583
31216	$e^+e^- \to \tau^+\nu_\tau\bar{K}^0D_2^{*-}D^0\bar{D}^{*0}$	31215	1	38584
31217	$e^+e^- \to \tau^-\bar{\nu}_\tau D^-D^{*+}D_s^+$	31216	1	38585
31218	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\eta\eta D^-D^{*+}$	31217	1	38586
31219	$e^+e^- \to \rho^-\eta\eta\bar{K}^0D^+D^-D^{*+}$	31218	1	38587
31220	$e^+e^- \to \pi^+\rho^+\rho^-K^{*-}D^+\bar{D}^{*-}\bar{D}^0$	31219	1	38588
31221	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^+D^-D^{*+}$	31220	1	38589
31222	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta D^{*+}D^{*0}p\bar{\Lambda}$	31221	1	38590
31223	$e^+e^- \to \pi^0\rho^-\omega K^-D^+D^{*+}\bar{D}^0$	31222	1	38591
31224	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\bar{K}^0\bar{K}^*K^+K^+\bar{D}^{*-}\bar{D}^{*-}$	31223	1	38592
31225	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}D^0D_s^-$	31224	1	38593
31226	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^0D_s^{*-}$	31225	1	38594
31227	$e^+e^- \to \pi^0\pi^+\eta K^0K^{*-}D^-D^{*+}$	31226	1	38595
31228	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\rho^-\eta D^-D^{*+}$	31227	1	38596
31229	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\eta\bar{K}^0K^{*+}D^-$	31228	1	38597
31230	$e^+e^- \to e^+\nu_e\pi^0\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*+}$	31229	1	38598
31231	$e^+e^- \to D^+D_s^-D_s^{*-}\Delta^0\bar{\Sigma}^{*+}$	31230	1	38599
31232	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\bar{K}^0D^-D^{*+}D_s^{*+}$	31231	1	38600

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31233	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta\omega D^+D^-$	31232	1	38601
31234	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega D^+D^-\bar{D}^{*-}D_s^+$	31233	1	38602
31235	$e^+e^- \to \pi^0\omega\bar{K}^*K^{*+}\bar{D}^{*-}D^{*0}$	31234	1	38603
31236	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta' D^+D^-$	31235	1	38604
31237	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-\bar{\Delta}^-n$	31236	1	38605
31238	$e^+e^- \to \rho^+K^{*+}nn\bar{\Lambda}_c^-\bar{\Sigma}_c^-$	31237	1	38606
31239	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	31238	1	38607
31240	$e^+e^- \to \mu^+\nu_\mu\pi^-\rho^-D^{*+}\bar{D}^{*0}$	31239	1	38608
31241	$e^+e^- \to \pi^0\rho^0\pi^-\eta D^+\bar{D}^{*0}$	31240	1	38609
31242	$e^+e^- \to \pi^-\eta D^0\bar{D}^0D_s^{*+}$	31241	1	38610
31243	$e^+e^- \to \pi^0\rho^+\eta K^0K^-D^+D_2^{*-}$	31242	1	38611
31244	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}$	31243	1	38612
31245	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\rho^+D^0D_1'^-$	31244	1	38613
31246	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\eta D^-D^{*+}\bar{n}p$	31245	1	38614
31247	$e^+e^- \to \rho^0\rho^0\rho^-\eta D^-D^{*+}D_s^{*+}$	31246	1	38615
31248	$e^+e^- \to e^+\nu_eK^-D^-\bar{\Sigma}^{*0}\Xi_c^+$	31247	1	38616
31249	$e^+e^- \to \rho^0\rho^+D^-D^{*+}D_{s1}'^-$	31248	1	38617
31250	$e^+e^- \to \pi^0\pi^0K^0K^0\bar{K}^0K^{*-}D^+D^+n\bar{p}$	31249	1	38618
31251	$e^+e^- \to \pi^0\pi^+K^0D^-D_s^{*-}D_1'^+$	31250	1	38619
31252	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^-\eta' D^-D_1^+$	31251	1	38620
31253	$e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma^{*-}$	31252	1	38621
31254	$e^+e^- \to \mu^+\nu_\mu\rho^-\bar{K}^0D^{*+}\bar{D}^{*0}D_0^{*-}$	31253	1	38622
31255	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	31254	1	38623
31256	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\bar{D}^{*0}\bar{D}^{*0}n\bar{n}$	31255	1	38624
31257	$e^+e^- \to e^+\nu_e\bar{K}^0D^-D^0$	31256	1	38625
31258	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^{*+}D^+\bar{D}^{*-}D_s^-$	31257	1	38626
31259	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega D^+\bar{D}^{*-}$	31258	1	38627
31260	$e^+e^- \to e^-\bar{\nu}_eD^+X_{sd}\gamma$	31259	1	38628
31261	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^-\rho^+\eta K^0D^{*+}\bar{D}^{*-}$	31260	1	38629
31262	$e^+e^- \to K^*D^-D^{*+}D^{*+}D_s^{*-}$	31261	1	38630
31263	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\eta D^+\bar{D}^{*-}p\bar{p}$	31262	1	38631
31264	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{K}^0K^*K^+K^+K^-K^-K^-D_s^-D_s^{*+}$	31263	1	38632

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31265	$e^+e^- \to \pi^0\pi^+\rho^-\eta K^0K^+K^-D^+\bar{D}^0D_s^{*-}$	31264	1	38633
31266	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^-\eta D^+D^+$	31265	1	38634
31267	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\eta' D^+\bar{D}^{*-}$	31266	1	38635
31268	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\bar{K}^*K^{*+}D^-D^{*0}$	31267	1	38636
31269	$e^+e^- \to \rho^0\pi^+\rho^+\eta\bar{D}^{*-}n\bar{\Xi}_c'^-$	31268	1	38637
31270	$e^+e^- \to \bar{K}^0K^*D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	31269	1	38638
31271	$e^+e^- \to \rho^-\eta\bar{K}^*K^+D^{*+}\bar{D}^0D_s^{*-}$	31270	1	38639
31272	$e^+e^- \to e^+\nu_e\rho^-D^+\bar{D}^{*-}\gamma\gamma$	31271	1	38640
31273	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\omega\omega K^{*+}D^-\bar{D}^{*-}D^0$	31272	1	38641
31274	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\eta D^-\bar{n}pD_0^{*+}$	31273	1	38642
31275	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega D^-\bar{D}^{*-}a_1^+$	31274	1	38643
31276	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\eta\omega D^+D^{*+}D_s^-$	31275	1	38644
31277	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\eta K^+D^+\bar{D}^0$	31276	1	38645
31278	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\eta\bar{K}^*K^+D^+D^{*+}\Sigma^-\bar{\Sigma}^{*0}$	31277	1	38646
31279	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^+\pi^-\omega K^0\bar{K}^0D^+\bar{D}^{*-}$	31278	1	38647
31280	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{D}^{*-}$	31279	1	38648
31281	$e^+e^- \to \rho^-K^+D_2^{*+}\bar{D}^{*0}D_s^{*-}$	31280	1	38649
31282	$e^+e^- \to e^-\bar{\nu}_eK_SD^+\eta_c$	31281	1	38650
31283	$e^+e^- \to \rho^-K^{*+}D^-D^{*+}D^{*0}\gamma$	31282	1	38651
31284	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta D_0^{*+}a_1^+$	31283	1	38652
31285	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^-\eta\eta\omega D^+D_1^+$	31284	1	38653
31286	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\rho^0\pi^+\pi^+\pi^-\rho^-\omega K^+K^-D^{*+}$	31285	1	38654
31287	$e^+e^- \to \tau^+\nu_\tau\rho^0\eta D^-D^{*0}$	31286	1	38655
31288	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+\bar{D}^{*-}D_s^{*-}$	31287	1	38656
31289	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-K^-K^{*+}D^{*+}\bar{D}^{*-}$	31288	1	38657
31290	$e^+e^- \to \pi^0\pi^0\pi^-\eta K^-K^{*+}D^+n\bar{\Xi}_c'^0$	31289	1	38658
31291	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\bar{K}^*K^+D^-D^{*+}$	31290	1	38659
31292	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\omega\omega D^-\bar{D}^{*-}$	31291	1	38660
31293	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\omega\omega K^+D^+\bar{D}^0$	31292	1	38661
31294	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	31293	1	38662
31295	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\rho^+D^+\bar{D}^{*-}$	31294	1	38663
31296	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{D}^0p\bar{\Delta}^+\psi'$	31295	1	38664

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31297	$e^+e^- \to \pi^0\pi^0\rho^+D^-D^{*0}p\bar{p}$	31296	1	38665
31298	$e^+e^- \to \pi^0\pi^0\pi^+\eta\omega D^-D^{*+}D_s^{*-}$	31297	1	38666
31299	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\bar{K}^0\bar{K}^0K^+\bar{D}^{*-}D^0$	31298	1	38667
31300	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{D}^0n\bar{p}$	31299	1	38668
31301	$e^+e^- \to \rho^+\eta K^-D^+D^-\bar{D}^{*0}$	31300	1	38669
31302	$e^+e^- \to \pi^-\rho^+\bar{K}^0K^*D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	31301	1	38670
31303	$e^+e^- \to \tau^+\nu_\tau D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	31302	1	38671
31304	$e^+e^- \to \pi^+\pi^+\eta K^0\Delta^-\bar{p}\bar{\Delta}^+\Sigma_c^{*+}$	31303	1	38672
31305	$e^+e^- \to \pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^-\bar{n}\Sigma_c^+$	31304	1	38673
31306	$e^+e^- \to \pi^0\rho^-\bar{K}^0K^+D^{*+}\bar{D}^0a_1^-$	31305	1	38674
31307	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^+\omega K^0K^-\bar{D}^{*-}$	31306	1	38675
31308	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\eta' D^{*+}\bar{D}^{*-}$	31307	1	38676
31309	$e^+e^- \to \pi^+\pi^-K^0D^-D^0\bar{n}\Xi_c'^+$	31308	1	38677
31310	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta\eta\bar{K}^*D^-\bar{D}^{*-}D^{*0}$	31309	1	38678
31311	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\eta K^0\bar{D}^{*-}\bar{\Delta}^-\Delta^-$	31310	1	38679
31312	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega K^0\bar{K}^0K^*K^-D^0\bar{D}^0$	31311	1	38680
31313	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta\eta\bar{K}^0\bar{D}^{*-}$	31312	1	38681
31314	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\eta D^{*0}D_1'^-$	31313	1	38682
31315	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-D^-D^{*+}\bar{D}^{*0}$	31314	1	38683
31316	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^0K^-D^+\bar{D}^{*-}$	31315	1	38684
31317	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	31316	1	38685
31318	$e^+e^- \to \omega K^0D_s^+D_s^{*-}\bar{n}\Sigma_c^0$	31317	1	38686
31319	$e^+e^- \to \mu^+\nu_\mu\pi^-K^0\bar{K}^*K^{*+}K^{*-}D^+D^-$	31318	1	38687
31320	$e^+e^- \to K_L\rho^-K^+\bar{D}^0p\bar{p}\rho^0(1450)$	31319	1	38688
31321	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^-D^+D_0^{*-}$	31320	1	38689
31322	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+K^0K^-D^{*+}D^{*0}$	31321	1	38690
31323	$e^+e^- \to \pi^0\eta\bar{D}^{*-}D^{*0}\bar{n}p$	31322	1	38691
31324	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\eta K^+K^-D^+\bar{\Delta}^+\Sigma_c^+$	31323	1	38692
31325	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\pi^-D^-D_1'^-$	31324	1	38693
31326	$e^+e^- \to \pi^0\pi^+\pi^-\bar{K}^0K^*D^0D_s^+D_s^{*-}$	31325	1	38694
31327	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta\omega\omega K^0D^+D^+\bar{D}^{*-}$	31326	1	38695
31328	$e^+e^- \to \pi^-\eta K^-D^{*+}\bar{D}^{*0}p\bar{\Xi}_c^0$	31327	1	38696

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31329	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+\pi^+\pi^-\pi^-D^-D^{*0}$	31328	1	38697
31330	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^*K^{*-}D^+D^{*+}$	31329	1	38698
31331	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\bar{K}^0D^-$	31330	1	38699
31332	$e^+e^- \to D^+D_s^{*-}J/\psi\bar{K}_1^0$	31331	1	38700
31333	$e^+e^- \to \rho^0\rho^+\omega\omega\bar{K}^0D^-D^{*+}\bar{D}^{*-}$	31332	1	38701
31334	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+D^-D^0$	31333	1	38702
31335	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\bar{K}^0\bar{K}^0K^+D^-D^0$	31334	1	38703
31336	$e^+e^- \to \pi^-\rho^+K^{*+}D^+D_s^-D_s^-$	31335	1	38704
31337	$e^+e^- \to \pi^0\rho^0\rho^+\omega D^-D^{*+}D_s^-\gamma$	31336	1	38705
31338	$e^+e^- \to \pi^0\pi^-\pi^-\bar{K}^0D^+\bar{D}^0\bar{D}^0D_s^+$	31337	1	38706
31339	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	31338	1	38707
31340	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-K^0\bar{K}^*K^{*+}D^+J/\psi$	31339	1	38708
31341	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^-\omega D^+D_0^{*-}$	31340	1	38709
31342	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+D^-D^{*+}$	31341	1	38710
31343	$e^+e^- \to \rho^0\pi^+\rho^-\bar{D}^{*-}D_2^{*+}$	31342	1	38711
31344	$e^+e^- \to \pi^+\bar{K}^*K^+D^-\bar{\Delta}^+\Sigma_c^{*0}$	31343	1	38712
31345	$e^+e^- \to \omega K^0K^+K^-D^{*+}\bar{D}^{*-}D^{*0}$	31344	1	38713
31346	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\rho^0\omega K^-D^{*+}\bar{D}^{*-}$	31345	1	38714
31347	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^0\eta'D^{*+}D_1'^+$	31346	1	38715
31348	$e^+e^- \to \bar{K}^0D^{*0}\bar{D}^{*0}J/\psi K_1^0$	31347	1	38716
31349	$e^+e^- \to \pi^0\rho^0\pi^-K^0K^-D^+D^+p\bar{\Delta}^+$	31348	1	38717
31350	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\omega K^*D^+D^+\bar{D}^{*-}$	31349	1	38718
31351	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*-}$	31350	1	38719
31352	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-K^-D^{*+}D_s^-D_s^{*+}$	31351	1	38720
31353	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^-\omega D^+D^{*+}$	31352	1	38721
31354	$e^+e^- \to \pi^0\pi^+\eta K^+K^-D^-D^{*+}D_s^{*-}$	31353	1	38722
31355	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{D}^{*-}\bar{D}^0D_s^+$	31354	1	38723
31356	$e^+e^- \to \pi^-\pi^-\rho^+\bar{K}^0K^+D^+\bar{D}^{*-}n\bar{n}$	31355	1	38724
31357	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0D^-D^{*+}D^{*+}$	31356	1	38725
31358	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-K^*\bar{K}^*D^{*+}p\bar{\Lambda}$	31357	1	38726
31359	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\eta\omega K^0D^+D_s^{*-}$	31358	1	38727
31360	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\bar{K}^0K^+K^-D^-D^0\bar{D}^0$	31359	1	38728

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31361	$e^+e^- \to D^-\bar{D}^{*-}D_s^{*+}\bar{n}p$	31360	1	38729
31362	$e^+e^- \to \pi^+\pi^-K^*D^-D_s^+\chi_{c1}$	31361	1	38730
31363	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^0\pi^0D^{*+}D_1'^-$	31362	1	38731
31364	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\omega D^+D^-\bar{\Delta}^-n$	31363	1	38732
31365	$e^+e^- \to \pi^0\rho^0\pi^+\omega D^+D^-\Delta^0\bar{\Delta}^+$	31364	1	38733
31366	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^+D^-D_1'^+$	31365	1	38734
31367	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-}n\bar{p}$	31366	1	38735
31368	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\omega\bar{K}^0D^-D^{*0}\bar{D}^{*0}$	31367	1	38736
31369	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+D^+\bar{D}^{*-}$	31368	1	38737
31370	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\omega D^{*0}\bar{D}^{*0}$	31369	1	38738
31371	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-K^0\bar{K}^*\bar{D}^{*-}\bar{D}^{*0}$	31370	1	38739
31372	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^-\rho^-\omega\bar{K}^0K^+D^-D^{*+}$	31371	1	38740
31373	$e^+e^- \to \pi^0\pi^+D^-D^0D_s^+D_s^-$	31372	1	38741
31374	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*-}\bar{\Delta}^0\Delta^+$	31373	1	38742
31375	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\eta\eta'D^+\bar{D}^{*-}$	31374	1	38743
31376	$e^+e^- \to \rho^+\bar{D}^{*-}D_s^{*+}D_s^{*-}$	31375	1	38744
31377	$e^+e^- \to \pi^-D^{*+}\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^0$	31376	1	38745
31378	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-D^-D_2^{*-}$	31377	1	38746
31379	$e^+e^- \to K^{*-}D^-D^{*+}\bar{D}^{*0}\bar{\Delta}^-\Delta^0$	31378	1	38747
31380	$e^+e^- \to e^-\bar{\nu}_e\rho^+\bar{D}^{*-}D_s^{*+}$	31379	1	38748
31381	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^+D^-$	31380	1	38749
31382	$e^+e^- \to \rho^0\pi^-\rho^+\omega\omega D^-D^{*+}$	31381	1	38750
31383	$e^+e^- \to \pi^0\pi^+\pi^-D^0\bar{D}^0D_s^-D_s^{*+}$	31382	1	38751
31384	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^0D^{*0}\bar{\Sigma}^0\Xi^0$	31383	1	38752
31385	$e^+e^- \to \tau^+\nu_\tau\pi^0\eta K^-D^+D_1^-$	31384	1	38753
31386	$e^+e^- \to \pi^0\pi^+\pi^-\eta K^0K^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	31385	1	38754
31387	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^-D^{*+}D_s^+$	31386	1	38755
31388	$e^+e^- \to \pi^0\pi^+K^0D^{*+}\bar{D}^{*-}D^0D_s^{*-}$	31387	1	38756
31389	$e^+e^- \to \pi^+\pi^-\pi^-K^0\bar{K}^0\bar{K}^0\phi D^+X_{sd}\gamma$	31388	1	38757
31390	$e^+e^- \to \pi^+\pi^+\rho^-K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	31389	1	38758
31391	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	31390	1	38759
31392	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^-\omega K^+D^{*+}D^{*0}\bar{D}^{*0}$	31391	1	38760

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31393	$e^+e^- \to \pi^+\pi^-\rho^-\bar{K}^0 J/\psi\Delta^+\bar{\Sigma}_c^{*0}$	31392	1	38761
31394	$e^+e^- \to \pi^+\rho^-\eta D^-\bar{\Delta}^+\Sigma_c^{++}$	3021	1	38762
31395	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\bar{D}^{*-}D_2^{*+}D_s^-$	31394	1	38763
31396	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\eta' D^-D^{*+}$	31395	1	38764
31397	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^*K^+\bar{D}^{*-}D^0D^0$	31396	1	38765
31398	$e^+e^- \to \rho^0\pi^-\rho^+\bar{D}^{*-}D_2^{*+}$	31397	1	38766
31399	$e^+e^- \to \rho^0\pi^+\pi^+\eta' D^-\bar{p}\Lambda\bar{\Sigma}^-\Lambda_c^+$	31398	1	38767
31400	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^-D^{*+}\bar{D}^0\bar{D}^0$	31399	1	38768
31401	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^0D^{*0}\bar{n}p$	31400	1	38769
31402	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}\bar{n}p$	31401	1	38770
31403	$e^+e^- \to \pi^0\rho^+\rho^-\omega K^+K^{*-}D^+D^-$	31402	1	38771
31404	$e^+e^- \to \rho^0\pi^+\bar{D}^{*-}D^{*0}p\bar{\Delta}^+$	31403	1	38772
31405	$e^+e^- \to \pi^+K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0$	31404	1	38773
31406	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^+\eta K^-K^-K^{*+}D^-D^{*+}$	31405	1	38774
31407	$e^+e^- \to \pi^-\eta_c n\bar{n}\bar{\Delta}^0\Xi_c^{*+}$	31406	1	38775
31408	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-D^+\bar{D}^{*0}\Delta^0\bar{\Delta}^0p\bar{\Delta}^{++}$	31407	1	38776
31409	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta K^+K^-D^-D^{*+}$	31408	1	38777
31410	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\bar{K}^*K^+D^-D^{*0}$	31409	1	38778
31411	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	31410	1	38779
31412	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-K^+K^-D^+\bar{D}^{*-}$	31411	1	38780
31413	$e^+e^- \to \pi^0\pi^-\rho^-K^0D^+D^{*+}\bar{D}^{*0}$	31412	1	38781
31414	$e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^{*-}\bar{\Delta}^-n$	31413	1	38782
31415	$e^+e^- \to \rho^0\pi^-\pi^-D^{*+}\bar{D}^0D_s^+$	31414	1	38783
31416	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^0\bar{K}^*D^-D^{*+}\bar{\Sigma}^+\Sigma^0$	31415	1	38784
31417	$e^+e^- \to e^+\nu_e\omega D^+\bar{D}^{*-}n\bar{\Delta}^+$	31416	1	38785
31418	$e^+e^- \to \pi^0\rho^-K^0\bar{K}^0K^+K^-K^{*+}D^{*+}\bar{p}\Omega_c^0$	31417	1	38786
31419	$e^+e^- \to \pi^+K^{*+}K^{*-}D^-D^-D^{*+}D^0$	31418	1	38787
31420	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	31419	1	38788
31421	$e^+e^- \to \pi^+\pi^+\pi^+\rho^-K^*\bar{K}^*K^{*-}\phi D^-$	31420	1	38789
31422	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\bar{K}^0K^+\phi D^-D^{*0}\bar{\Delta}^-\Delta^0$	31421	1	38790
31423	$e^+e^- \to \pi^+\pi^-\rho^-D^-D_s^+D_1'^+$	31422	1	38791
31424	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-D^+D^-D_s^{*+}$	31423	1	38792

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31425	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\omega K^+ D^{*+} D^{*0} \bar{D}^{*0}$	31424	1	38793
31426	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^- D^+ D^+$	31425	1	38794
31427	$e^+e^- \to e^+\nu_e\pi^0\rho^+\omega D^- D^-$	31426	1	38795
31428	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^- D^{*+}\bar{D}^{*-}\bar{n}p$	31427	1	38796
31429	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega K^0 K^+ K^- D^{*+} D^0$	31428	1	38797
31430	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\bar{K}^* D^- D_s^+ J/\psi$	31429	1	38798
31431	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\pi^+\pi^-\eta\omega D^+ D^-$	31430	1	38799
31432	$e^+e^- \to \rho^0 D^- D^{*+}\bar{n}p D_{s1}'^-$	31431	1	38800
31433	$e^+e^- \to \pi^+\pi^+\rho^- K^+\bar{D}^{*-} D^0 D_s^-$	31432	1	38801
31434	$e^+e^- \to \pi^+\rho^+\bar{K}^*\phi D^- D^{*0} D_s^-$	31433	1	38802
31435	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\rho^- K^0 K^- K^{*+} D^+ D^{*+}$	31434	1	38803
31436	$e^+e^- \to \mu^+\nu_\mu\rho^0\rho^+\rho^-\eta\bar{K}^0 K^*\bar{D}^{*-}$	31435	1	38804
31437	$e^+e^- \to \pi^-\pi^-\rho^+\rho^+\rho^- D^+\bar{D}^{*-} D_{s1}'^+$	31436	1	38805
31438	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	31437	1	38806
31439	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-} D^0\bar{n}\Sigma^{*0}$	31438	1	38807
31440	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\eta D^-\bar{p}\Lambda_c^+$	31439	1	38808
31441	$e^+e^- \to \eta\bar{K}^* K^-\eta_c\bar{\Delta}^0\Lambda_c^+$	31440	1	38809
31442	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+ D^{*+}\bar{D}^0 D_s^{*+}$	31441	1	38810
31443	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^* D^0\bar{D}^0\bar{D}^{*0}$	31442	1	38811
31444	$e^+e^- \to K^- K^- D^+ D^{*+}\bar{D}^0\bar{D}^{*0}$	31443	1	38812
31445	$e^+e^- \to K^{*+} D^- D_2^{*+} D_s^-\gamma$	31444	1	38813
31446	$e^+e^- \to e^+\nu_e\pi^+\eta K^{*+} K^{*-} D^-\bar{D}^{*-}$	31445	1	38814
31447	$e^+e^- \to \rho^+\bar{K}^0 D^+ D^-\bar{D}^{*-}$	31446	1	38815
31448	$e^+e^- \to \pi^0\pi^-\pi^- K^- K^{*+} D^+ D^{*+}\bar{D}^0$	31447	1	38816
31449	$e^+e^- \to \mu^+\nu_\mu\eta K^- D^- D^{*+}\bar{D}^{*0}$	31448	1	38817
31450	$e^+e^- \to \pi^-\rho^+\bar{K}^0 K^*\bar{D}^{*-}\bar{\Sigma}^+\Lambda$	31449	1	38818
31451	$e^+e^- \to \pi^+\pi^-\eta\omega K^+ K^- D^{*+}\bar{D}^{*-}$	31450	1	38819
31452	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+ K^{*-} D^+ D^-\bar{D}^0 p\bar{p}$	31451	1	38820
31453	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega K^{*-}\bar{D}^{*-} D_s^+$	31452	1	38821
31454	$e^+e^- \to \tau^+\nu_\tau\pi^+\pi^-\pi^-\omega D^+ D_2^{*-}$	31453	1	38822
31455	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\eta\eta D^+ D^+ p\bar{p}$	31454	1	38823
31456	$e^+e^- \to \pi^0\pi^+\omega D^-\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	31455	1	38824

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31457	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	31456	1	38825
31458	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+K^{*-}D^-D^{*+}\bar{D}^{*-}$	31457	1	38826
31459	$e^+e^- \to \pi^0\pi^0\rho^-K^0D^{*+}\eta_c$	31458	1	38827
31460	$e^+e^- \to K^0K^0\bar{K}^0\bar{K}^*D^-D_s^+\bar{n}\Lambda$	31459	1	38828
31461	$e^+e^- \to \pi^0\rho^0\pi^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	31460	1	38829
31462	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega\omega\bar{K}^0K^{*+}K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	31461	1	38830
31463	$e^+e^- \to \pi^0\rho^-D^+\bar{D}^{*-}D_s^{*+}$	31462	1	38831
31464	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega D^{*+}n\bar{\Sigma}_c^0$	31463	1	38832
31465	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^0K^0D^0D_s^{*-}$	31464	1	38833
31466	$e^+e^- \to \pi^+\pi^-\rho^+D^-D_2^{*+}D_s^{*-}$	31465	1	38834
31467	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^+D^{*+}D_s^-$	31466	1	38835
31468	$e^+e^- \to \mu^-\bar{\nu}_\mu D^-D_1^+D_{s0}^{*+}$	31467	1	38836
31469	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^-\omega D^+D^-$	31468	1	38837
31470	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\bar{K}^0\bar{D}^0p\bar{\Delta}^{++}$	31469	1	38838
31471	$e^+e^- \to \bar{K}^*D^-D^{*+}D^{*+}a_1^-$	31470	1	38839
31472	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-D^0\bar{D}^0\bar{n}\Delta^0$	31471	1	38840
31473	$e^+e^- \to \pi^0\pi^-\bar{K}^*K^{*+}D^+\bar{D}^{*-}$	3022	1	38841
31474	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^0K^+D^{*+}D_s^-$	31473	1	38842
31475	$e^+e^- \to \pi^+\bar{K}^0D^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	31474	1	38843
31476	$e^+e^- \to \pi^+\eta\omega\bar{D}^{*-}D^{*0}$	31475	1	38844
31477	$e^+e^- \to \pi^+\rho^-\eta\eta K^+D^+\bar{D}^{*-}\bar{D}^{*-}$	31476	1	38845
31478	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\omega\bar{K}^*D^-D^{*+}$	31477	1	38846
31479	$e^+e^- \to \mu^+\nu_\mu\pi^-D^{*+}\bar{D}^0D_1^-$	31478	1	38847
31480	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega K^0K^0K^-D^+$	31479	1	38848
31481	$e^+e^- \to \tau^+\nu_\tau\rho^-D^{*+}D_1^-$	31480	1	38849
31482	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-K^0K^-D^+\bar{D}^{*-}$	31481	1	38850
31483	$e^+e^- \to \tau^+\nu_\tau\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	31482	1	38851
31484	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^-\pi^-\rho^+D^{*+}$	31483	1	38852
31485	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta'D^-\bar{D}^{*-}\bar{n}\Delta^0$	31484	1	38853
31486	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\rho^-\omega D^+D_1'^-$	31485	1	38854
31487	$e^+e^- \to \rho^-\omega D^+\bar{D}^{*0}\bar{n}\Delta^0$	31486	1	38855
31488	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^0$	31487	1	38856

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31489	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-D^-D^0\bar{D}^0$	31488	1	38857
31490	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega D^0\Delta^+\bar{\Sigma}_c^{*-}$	31489	1	38858
31491	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	31490	1	38859
31492	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^0D^+\bar{D}^{*-}D_1'^+$	31491	1	38860
31493	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0K^*K^*K^-D^+D^-$	31492	1	38861
31494	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^-D^-D^{*+}$	31493	1	38862
31495	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^+\rho^-\rho^-D^-D^{*+}$	31494	1	38863
31496	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^0\rho^+D^{*+}\bar{D}^{*-}$	31495	1	38864
31497	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^-D^{*+}$	31496	1	38865
31498	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\rho^-\eta\bar{D}^{*-}D^{*0}$	31497	1	38866
31499	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\rho^-K^+K^{*+}D^{*+}D_s^-$	31498	1	38867
31500	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega D^-D^{*+}$	31499	1	38868
31501	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta D^{*+}\bar{D}^{*-}\bar{n}p$	31500	1	38869
31502	$e^+e^- \to \mu^+\nu_\mu\rho^-\eta\omega\omega D^{*+}\bar{D}^{*-}$	31501	1	38870
31503	$e^+e^- \to \pi^0\rho^0\eta K^0K^-D^+D^-D_s^+$	31502	1	38871
31504	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\pi^-\rho^+\eta\omega D^+D^-n\bar{n}$	31503	1	38872
31505	$e^+e^- \to \pi^0\rho^-K^+D^+D^-D^{*0}$	31504	1	38873
31506	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-K^0D^+D^+D^-$	31505	1	38874
31507	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\eta\bar{D}^{*-}D^0p\bar{p}$	31506	1	38875
31508	$e^+e^- \to \pi^-\pi^-K^*D^+\bar{p}\Delta^{++}\chi_{c1}$	31507	1	38876
31509	$e^+e^- \to \mu^+\nu_\mu\pi^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	31508	1	38877
31510	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-D^+D^-D_s^{*+}$	31509	1	38878
31511	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^0\eta'\bar{D}^{*-}\bar{D}^{*0}$	31510	1	38879
31512	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\omega\omega D^+D^{*+}n\bar{p}$	31511	1	38880
31513	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0\bar{K}^0K^+D^+\bar{D}^{*-}$	31512	1	38881
31514	$e^+e^- \to D^+D^-D_s^{*-}\bar{\Delta}^0\Delta^+$	31513	1	38882
31515	$e^+e^- \to \rho^+K^*K^-D^{*+}\bar{D}^{*-}D^0\bar{D}^{*0}$	31514	1	38883
31516	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^0D^{*+}D^{*+}\bar{D}^{*-}$	31515	1	38884
31517	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^-\rho^-D^{*+}\bar{D}^{*-}$	31516	1	38885
31518	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+K^-D^-D^{*+}\bar{D}^{*-}$	31517	1	38886
31519	$e^+e^- \to \pi^0\rho^0\pi^-\omega\bar{K}^*D^+D^{*+}\bar{D}^{*-}$	31518	1	38887
31520	$e^+e^- \to \pi^+\pi^-\rho^+\rho^+\omega\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*0}$	31519	1	38888

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31521	$e^+e^- \to K^- K^{*-} \Delta^+ \bar{\Lambda} \Xi_c^+ \bar{\Omega}_c^{*0}$	31520	1	38889
31522	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+ K^0 K^- \phi D^- \bar{D}^0 D^{*0}$	31521	1	38890
31523	$e^+e^- \to e^- \bar{\nu}_e \pi^+ D^{*+} D^0 D_s^{*-}$	31522	1	38891
31524	$e^+e^- \to \rho^0 \pi^- \omega K_S D^+ J/\psi$	31523	1	38892
31525	$e^+e^- \to \pi^+ \rho^- \eta D^+ D^- p\bar{p}$	31524	1	38893
31526	$e^+e^- \to e^+ \nu_e X_u^- \pi^- \pi^- \rho^+ D^{*+}$	31525	1	38894
31527	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-\eta \bar{D}^{*-} D^0 p\bar{p}$	31526	1	38895
31528	$e^+e^- \to \pi^+\pi^+ K^* D^+ D^- D^- \Delta^0 \bar{\Delta}^+$	31527	1	38896
31529	$e^+e^- \to \rho^+ \omega \bar{K}^* \bar{D}^{*-} D_s^{*+} D_s^{*-}$	31528	1	38897
31530	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+ D^-$	31529	1	38898
31531	$e^+e^- \to \pi^+\pi^- \omega K^* K^- D^{*+} \bar{D}^{*-} D_s^{*+}$	31530	1	38899
31532	$e^+e^- \to e^+ \nu_e \eta \bar{K}^* D^- \bar{\Delta}^+ \Sigma_c^{*+}$	31531	1	38900
31533	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\eta K^- K^{*+} D^- D^{*0}$	31532	1	38901
31534	$e^+e^- \to \pi^0 \rho^- \eta D^+ D^{*+} D_s^{*-}$	31533	1	38902
31535	$e^+e^- \to e^- \bar{\nu}_e \eta D^{*+} D^{*+} a_1^-$	31534	1	38903
31536	$e^+e^- \to D^- D^{*+} \Delta^0 \bar{\Delta}^+ a_1^+$	31535	1	38904
31537	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- K^* D^{*+} \eta_c$	31536	1	38905
31538	$e^+e^- \to e^+ \nu_e \pi^0 \eta \omega K^0 K^+ K^- K^{*-} D^+ D^-$	31537	1	38906
31539	$e^+e^- \to \rho^- \eta K^{*+} D^{*+} \bar{D}^{*-} D^{*0}$	31538	1	38907
31540	$e^+e^- \to \pi^+\pi^+\pi^- \eta' D^- \bar{K}_1^0 \psi'$	31539	1	38908
31541	$e^+e^- \to \pi^+ \rho^- \eta \omega \bar{K}^0 D^0 \Delta^0 \bar{\Sigma}_c^{*0}$	31540	1	38909
31542	$e^+e^- \to \pi^+\pi^+\pi^- \omega \bar{K}^0 D^- \eta_c$	31541	1	38910
31543	$e^+e^- \to e^- \bar{\nu}_e X_u^+ \pi^0 \rho^+ \eta\eta' D^-$	31542	1	38911
31544	$e^+e^- \to \rho^0\pi^+\pi^-\pi^- \bar{K}^0 K^+ D^0 D^0 \bar{D}^0$	31543	1	38912
31545	$e^+e^- \to \mu^+ \nu_\mu \pi^0\pi^0\pi^+ \bar{D}^{*-} D^{*0} \Delta^0 \bar{p}$	31544	1	38913
31546	$e^+e^- \to \pi^0 \bar{K}^0 K^+ \bar{D}^{*-} \bar{D}^{*-} \bar{n} p$	31545	1	38914
31547	$e^+e^- \to \rho^0 \rho^+ K^0 K^- D^- D^{*+}$	31546	1	38915
31548	$e^+e^- \to \pi^0\pi^0\pi^- \rho^+\rho^+ \eta\eta' \bar{D}^{*-} \bar{K}_0^{*0}$	31547	1	38916
31549	$e^+e^- \to \pi^0\pi^0\pi^+\pi^- \rho^- D^- D^{*+} D_s^+$	31548	1	38917
31550	$e^+e^- \to \mu^- \bar{\nu}_\mu \pi^0 \rho^+ \rho^- \eta K^* D^+ \bar{D}^0$	31549	1	38918
31551	$e^+e^- \to \pi^+ K^{*+} \phi D^- D^0 D^0 D_s^-$	31550	1	38919
31552	$e^+e^- \to \pi^+\pi^+ \rho^- K^- D^{*+} \bar{D}^{*-} D^0 \gamma$	31551	1	38920

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31553	$e^+e^- \to \pi^0\pi^0 D^- \bar{D}^{*-} D_s^+ D_s^{*+}\gamma$	31552	1	38921
31554	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\rho^- D^{*+} D^{*+} p\bar{p}$	31553	1	38922
31555	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+ D^- \bar{D}^{*-} n\bar{n}$	31554	1	38923
31556	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^-\rho^- K^0 \bar{D}^{*-}\bar{\Sigma}^{*0}\Omega_c^0$	31555	1	38924
31557	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-} D_s^- D_1^+$	31556	1	38925
31558	$e^+e^- \to \pi^+\rho^-\eta\eta D^+ D^-$	31557	1	38926
31559	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+ K^- K^{*+} K^{*-} K^{*-} D^{*+} D^0$	31558	1	38927
31560	$e^+e^- \to \pi^0\pi^+\pi^-\eta\bar{K}^0 D^+ \bar{D}^{*-}$	31559	1	38928
31561	$e^+e^- \to K^{*+} D^- D_2^{*-} D^{*0} D_s^+$	31560	1	38929
31562	$e^+e^- \to \pi^0\rho^0\pi^+\rho^- K^0 \bar{K}^0 \bar{K}^0 K^+ \bar{D}^{*-} D^0$	31561	1	38930
31563	$e^+e^- \to \pi^0\pi^0\rho^- K^0 K^+ K^- D^+\chi_{c1}$	31562	1	38931
31564	$e^+e^- \to \pi^-\rho^+\eta D^+ D^-$	31563	1	38932
31565	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^- K^* K^- K^- \bar{D}^0 \bar{D}^0 D^{*0}$	31564	1	38933
31566	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\eta K^+ K^- D^- D^-$	31565	1	38934
31567	$e^+e^- \to \pi^+\pi^-\rho^- D^- D^{*+} D_s^+$	31566	1	38935
31568	$e^+e^- \to \pi^0\pi^0\omega D^+ D^{*+} D_s^{*-} n\bar{p}$	31567	1	38936
31569	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^+\omega\bar{D}^{*-}$	31568	1	38937
31570	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\eta\omega\bar{D}^{*-} D_1^+$	31569	1	38938
31571	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0 D^- D_s^+\eta_c$	31570	1	38939
31572	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta K^0 K^- \bar{D}^{*-} D^{*0}$	31571	1	38940
31573	$e^+e^- \to \pi^+\rho^-\omega D^- D^{*+}$	31572	1	38941
31574	$e^+e^- \to \pi^0\pi^0\pi^0\omega\bar{K}^* K^{*+} D^- \bar{D}^{*-}\bar{n}p$	31573	1	38942
31575	$e^+e^- \to e^+\nu_e\pi^0 K^+ D^- \bar{D}^{*-} D^0$	31574	1	38943
31576	$e^+e^- \to \pi^0 K^0 K^+ K^- D^{*+} n\bar{\Lambda}_c^-$	31575	1	38944
31577	$e^+e^- \to e^-\bar{\nu}_e\pi^-\bar{K}^0 K^+ n\bar{n} D_0^{*+}$	31576	1	38945
31578	$e^+e^- \to \pi^- K^{*+} D^- D^{*+} D^{*0} n\bar{n}$	31577	1	38946
31579	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^-\eta D^+$	31578	1	38947
31580	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\rho^- K^0 D^+$	31579	1	38948
31581	$e^+e^- \to \mu^+\nu_\mu X_u^- K^0 K^{*-} D^+$	31580	1	38949
31582	$e^+e^- \to \rho^0 K^* D^{*+} \bar{D}^{*-}\bar{p}\Lambda_c^+$	31581	1	38950
31583	$e^+e^- \to K^- D^- D^{*+} \bar{D}^{*0} D_s^+$	31582	1	38951
31584	$e^+e^- \to e^+\nu_e\eta D^- D^{*0}\bar{\Delta}^+\Sigma^{*+}$	31583	1	38952

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31585	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega D^+\bar{D}^{*-}n\bar{p}$	31584	1	38953
31586	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^+D^+\bar{D}^{*-}n\bar{n}$	31585	1	38954
31587	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^{*+}K^{*-}D^-D^0D_s^{*+}$	31586	1	38955
31588	$e^+e^- \to \pi^0\pi^+\pi^-K^0K^-D^-D^{*+}D_s^+$	31587	1	38956
31589	$e^+e^- \to \rho^0\bar{D}^{*-}\bar{n}\Sigma_c^0a_1^+$	31588	1	38957
31590	$e^+e^- \to \pi^0\pi^-\pi^-\eta K^+K^-\eta'D^+D^{*+}p\bar{p}$	31589	1	38958
31591	$e^+e^- \to \pi^-K^+D^+J/\psi a_1^-$	31590	1	38959
31592	$e^+e^- \to \pi^+K^0\bar{K}^0\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	31591	1	38960
31593	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0K^+D^{*+}\bar{D}^{*-}D^{*0}$	31592	1	38961
31594	$e^+e^- \to \rho^-\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}$	31593	1	38962
31595	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+D^+\bar{D}^{*-}$	31594	1	38963
31596	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\omega K^-D^+\bar{D}^{*-}\bar{D}^0$	31595	1	38964
31597	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-\omega\omega D^-D^{*+}$	31596	1	38965
31598	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^0D_s^+n\bar{p}$	31597	1	38966
31599	$e^+e^- \to \pi^+\pi^-\bar{K}^*K^{*+}D^+D^-D^-D^{*0}$	31598	1	38967
31600	$e^+e^- \to e^+\nu_e\rho^-K^-K^{*+}D^+D_1^-$	31599	1	38968
31601	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta K^+D^-D^{*+}D^{*0}$	31600	1	38969
31602	$e^+e^- \to e^+\nu_e\pi^-\omega K^+\bar{D}^{*-}D^0\bar{D}^0$	31601	1	38970
31603	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+K^0K^+K^-D^-D^{*+}\bar{D}^0$	31602	1	38971
31604	$e^+e^- \to e^+\nu_e\pi^0\pi^-\bar{D}^{*-}\bar{n}p$	31603	1	38972
31605	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^-D^{*+}$	31604	1	38973
31606	$e^+e^- \to \rho^0\pi^-\omega D^{*+}p\bar{\Sigma}_c^-$	31605	1	38974
31607	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+D^{*+}\bar{D}^{*-}D_s^{*-}$	31606	1	38975
31608	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\Sigma^{*0}\bar{\Xi}_c^0$	31607	1	38976
31609	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+D^{*+}\bar{D}^{*-}D_s^{*+}$	31608	1	38977
31610	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\eta\omega\eta'D^{*+}\eta_c$	31609	1	38978
31611	$e^+e^- \to \rho^0\pi^-D^+\bar{D}^{*-}D_s^+p\bar{p}$	31610	1	38979
31612	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\omega D^-\bar{D}^{*-}$	31611	1	38980
31613	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^+\pi^-\rho^-\eta\bar{D}^{*0}D_0^{*+}$	31612	1	38981
31614	$e^+e^- \to \pi^0\rho^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*-}$	31613	1	38982
31615	$e^+e^- \to \pi^+\omega K^0\bar{K}^0D^-D^{*+}a_1^-$	31614	1	38983
31616	$e^+e^- \to \pi^+\rho^-\rho^-\eta'D^+\Delta^+\bar{\Xi}_c^-$	31615	1	38984

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31617	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu D_2^{*+}D_1'^-$	31616	1	38985
31618	$e^+e^- \to D^+D^{*+}D_s^{*-}D_s^{*-}$	31617	1	38986
31619	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\bar{K}^0K^*D^-D^{*+}\bar{\Delta}^0\Delta^+$	31618	1	38987
31620	$e^+e^- \to K^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	31619	1	38988
31621	$e^+e^- \to K^{*-}D^+D_s^{*-}\bar{\Delta}^+\Sigma_c^{++}$	31620	1	38989
31622	$e^+e^- \to D^+D^-\bar{\Delta}^-\Delta^0a_1^-$	31621	1	38990
31623	$e^+e^- \to \tau^-\bar{\nu}_\tau K^+\bar{D}^{*-}D_2^{*+}D^0$	31622	1	38991
31624	$e^+e^- \to \pi^+D^{*+}D_s^-\Delta^+\bar{\Sigma}_c^{*--}$	31623	1	38992
31625	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^-\eta\eta K^-D^-D^0\bar{D}^0$	31624	1	38993
31626	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\omega\omega\bar{D}^{*-}$	31625	1	38994
31627	$e^+e^- \to \pi^+\pi^-D^0\bar{D}^{*0}\bar{n}\Delta^0$	31626	1	38995
31628	$e^+e^- \to e^-\bar{\nu}_e\pi^-\rho^+K^*K^+K^-D^{*+}\bar{D}^{*0}$	31627	1	38996
31629	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\bar{K}^0K^+D^+\bar{D}^{*-}$	31628	1	38997
31630	$e^+e^- \to \mu^-\bar{\nu}_\mu\omega K^+D^-D^{*+}D^0$	31629	1	38998
31631	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}D_1^+$	31630	1	38999
31632	$e^+e^- \to \pi^+\pi^-\eta\bar{K}^0K^+D^+\bar{D}^{*-}D_s^{*-}$	31631	1	39000
31633	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta\eta D^{*+}\bar{D}^{*-}$	31632	1	39001
31634	$e^+e^- \to \mu^+\nu_\mu D^{*+}n\bar{p}D_1'^-$	31633	1	39002
31635	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^+D^+D_s^-$	31634	1	39003
31636	$e^+e^- \to \rho^0\rho^+D^{*+}\bar{D}^{*-}a_1^-$	31635	1	39004
31637	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^-\eta K^-D_s^{*+}D_0^{*-}$	31636	1	39005
31638	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\bar{K}^0D^{*+}\bar{D}^0\bar{D}^0$	31637	1	39006
31639	$e^+e^- \to \bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^0\bar{n}\Delta^0$	31638	1	39007
31640	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-K^+D^-J/\psi\bar{n}p$	31639	1	39008
31641	$e^+e^- \to \pi^0\rho^+\omega K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	31640	1	39009
31642	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^*D^-\bar{n}\Xi_c'^0$	31641	1	39010
31643	$e^+e^- \to \rho^0\eta K^*D^0\psi'$	31642	1	39011
31644	$e^+e^- \to \tau^+\nu_\tau\pi^+K^-D^-\chi_{c2}\gamma$	31643	1	39012
31645	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-K^*D^+D^-D^{*+}$	31644	1	39013
31646	$e^+e^- \to \eta\eta D^-D_s^+n\bar{\Sigma}_c^0$	31645	1	39014
31647	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*D^+D_1'^-$	31646	1	39015
31648	$e^+e^- \to \pi^0\rho^0\pi^+D^+D^-n\bar{p}$	31647	1	39016

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31649	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+K^-D_1^+\chi_{c0}$	31648	1	39017
31650	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\eta\omega\bar{K}^0\bar{K}^*K^+\bar{D}^{*-}\bar{D}^{*0}$	31649	1	39018
31651	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^*\bar{D}^{*-}J/\psi$	31650	1	39019
31652	$e^+e^- \to \pi^-\pi^-\rho^+K^0D^+D^{*+}\bar{D}^{*-}$	31651	1	39020
31653	$e^+e^- \to \bar{K}^0K^+\bar{D}^{*-}D^{*0}\bar{n}\Sigma_c^0$	31652	1	39021
31654	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*-}$	31653	1	39022
31655	$e^+e^- \to \pi^0\rho^0\pi^-\eta\eta\omega D^{*+}\bar{D}^0$	31654	1	39023
31656	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}D_s^{*-}$	31655	1	39024
31657	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\omega\eta'D^-D^0$	31656	1	39025
31658	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-D^{*+}D^{*+}$	31657	1	39026
31659	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^+D^-D_2^{*+}$	31658	1	39027
31660	$e^+e^- \to \rho^+\rho^-\rho^-\bar{K}^0K^{*+}D^+\bar{D}^{*-}$	31659	1	39028
31661	$e^+e^- \to e^+\nu_e\pi^+\rho^-K^*D^-\bar{D}^0$	31660	1	39029
31662	$e^+e^- \to \omega K^0K^0K^-D^-D^{*+}D^{*+}$	31661	1	39030
31663	$e^+e^- \to \pi^+K^0K^+K^-K^-D^+D^-$	31662	1	39031
31664	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^-\eta\omega\bar{K}^0K^{*+}D^{*+}\bar{D}^{*-}$	31663	1	39032
31665	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-K^*K^+K^{*-}D^+$	31664	1	39033
31666	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+D^{*+}\bar{D}^{*-}n\bar{n}$	31665	1	39034
31667	$e^+e^- \to \pi^0\pi^0\pi^+\omega K^0K^-D^-D^{*+}$	31666	1	39035
31668	$e^+e^- \to \pi^+D^-D_s^{*+}\bar{\Delta}^+\Xi_c'^0$	31667	1	39036
31669	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\bar{D}^{*-}D_2^{*+}$	31668	1	39037
31670	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\rho^+\omega D^+\bar{D}^{*0}$	31669	1	39038
31671	$e^+e^- \to \pi^0\pi^0K^+D^{*+}\bar{D}^{*-}D^{*0}D_s^{*-}$	31670	1	39039
31672	$e^+e^- \to \pi^+\pi^-\rho^-D^+D_2^{*-}D_s^+$	31671	1	39040
31673	$e^+e^- \to e^+\nu_e\pi^0\pi^0\rho^0\pi^-\bar{K}^*K^+K^-D^+D^-$	31672	1	39041
31674	$e^+e^- \to \rho^0\pi^-\rho^+\eta\eta\eta D^{*+}\bar{D}^{*-}$	31673	1	39042
31675	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-K^+K^-D_2^{*-}D^0\bar{n}p$	31674	1	39043
31676	$e^+e^- \to e^+\nu_e\eta D^-D^{*+}D_2^{*-}$	31675	1	39044
31677	$e^+e^- \to K^{*+}D^-D^{*0}D_s^{*+}D_1'^-$	31676	1	39045
31678	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega\bar{K}^0K^+D^{*+}n\bar{\Delta}^{++}$	31677	1	39046
31679	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^+\bar{D}^{*-}D_1^+$	31678	1	39047
31680	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-D^-D_2^{*+}$	31679	1	39048

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31681	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^0\bar{n}p\bar{p}\Sigma_c^0$	31680	1	39049
31682	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega K^0\bar{K}^*D^{*+}D^0\bar{D}^{*0}$	31681	1	39050
31683	$e^+e^- \to e^-\bar{\nu}_e\pi^0K^0K^*\bar{K}^*K^-D^+D^{*+}$	31682	1	39051
31684	$e^+e^- \to \pi^+\pi^+\pi^-\eta D^+D^-\Delta^+\bar{\Delta}^{++}$	31683	1	39052
31685	$e^+e^- \to \pi^0\pi^-K^+D_2^{*+}D^0\bar{D}^{*0}D_s^{*-}$	31684	1	39053
31686	$e^+e^- \to \pi^+\bar{K}^0K^-D^+D^-D^0\bar{D}^{*0}$	31685	1	39054
31687	$e^+e^- \to \tau^+\nu_\tau\pi^0\rho^0\rho^-\eta D^{*+}\bar{D}^{*-}$	31686	1	39055
31688	$e^+e^- \to K^*D^+D^-D^{*+}D_s^-$	31687	1	39056
31689	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\eta\omega K^0K^-D^+D^-D_s^{*+}$	31688	1	39057
31690	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^-\eta K^0\bar{K}^0D^+D^{*+}\bar{D}^0$	31689	1	39058
31691	$e^+e^- \to \rho^0\rho^0\pi^+\pi^-\rho^-K^0D^{*+}$	31690	1	39059
31692	$e^+e^- \to D^{*+}\bar{D}^{*0}n\Delta^0\bar{p}\bar{\Sigma}^0$	31691	1	39060
31693	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}$	31692	1	39061
31694	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*0}$	31693	1	39062
31695	$e^+e^- \to \pi^0\rho^0\pi^-K^0D^+J/\psi$	31694	1	39063
31696	$e^+e^- \to \pi^0\pi^0\pi^-\omega K^{*+}D^{*+}\bar{D}^{*-}D^0$	31695	1	39064
31697	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega D^{*+}\bar{D}^{*-}$	31696	1	39065
31698	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-\eta\omega\omega K^+K^-D^+D^-$	31697	1	39066
31699	$e^+e^- \to \pi^0\rho^-\omega K^+D^+a_1^-$	31698	1	39067
31700	$e^+e^- \to \pi^+\rho^-D^-D^{*+}n\bar{n}\bar{p}\Delta^+$	31699	1	39068
31701	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-D^-\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+$	31700	1	39069
31702	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*0}\bar{\Lambda}\Sigma^0$	31701	1	39070
31703	$e^+e^- \to \pi^0\omega\bar{K}^*D^{*0}J/\psi\Delta^+\bar{\Delta}^+$	31702	1	39071
31704	$e^+e^- \to \pi^0\pi^-\omega K^0K^-D^{*+}D^{*+}$	31703	1	39072
31705	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^0D_s^{*+}$	31704	1	39073
31706	$e^+e^- \to \pi^0K^+D^{*+}\Delta^-\bar{\Delta}^0\Sigma^{*0}\bar{\Xi}_c^{*-}$	31705	1	39074
31707	$e^+e^- \to D^+D_2^{*-}D_s^{*+}\Sigma^-\bar{\Sigma}^{*0}\gamma$	31706	1	39075
31708	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-D^{*+}\bar{D}^{*-}D_s^+$	31707	1	39076
31709	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta\omega K^0K^{*-}D^{*+}D^{*+}$	31708	1	39077
31710	$e^+e^- \to \bar{K}^*\bar{D}^{*-}D^0\bar{D}^0D_{s0}^{*+}$	31709	1	39078
31711	$e^+e^- \to D^{*+}\bar{D}^{*-}D_s^{*+}D_{s1}^-$	31710	1	39079
31712	$e^+e^- \to \rho^0\pi^-\rho^-\bar{K}^0\bar{K}^*K^{*+}\eta'D^{*+}\gamma$	31711	1	39080

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31713	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^*K^{*+}K^{*-}\Sigma^{*0}\bar{\Xi}_c'^-$	31712	1	39081
31714	$e^+e^- \to \pi^0\rho^+K^0D^-\bar{\Sigma}^{*0}\Omega_c^0\gamma$	31713	1	39082
31715	$e^+e^- \to \pi^0\rho^-\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0D_s^{*+}$	31714	1	39083
31716	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^0D^-\bar{D}^{*-}D^0\bar{\Sigma}^+\Sigma^0$	31715	1	39084
31717	$e^+e^- \to e^+\nu_eD^-\bar{D}^{*-}\bar{n}p$	31716	1	39085
31718	$e^+e^- \to \pi^0\pi^+K^-D^-D_s^{*+}\chi_{c2}$	31717	1	39086
31719	$e^+e^- \to \pi^0\pi^-\rho^+\eta K^*K^+K^{*-}D^{*+}\bar{D}^{*-}D^{*0}$	31718	1	39087
31720	$e^+e^- \to \mu^+\nu_\mu\rho^-K^-K^{*+}D^+\bar{D}^{*-}$	31719	1	39088
31721	$e^+e^- \to \pi^0\rho^0\rho^-D^+D^-\bar{n}p\bar{p}\Delta^+$	31720	1	39089
31722	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\omega K^0\bar{K}^*D^+\bar{D}^{*-}$	31721	1	39090
31723	$e^+e^- \to \pi^0\pi^0\pi^0K_S\bar{K}^0D^0\bar{D}^{*0}\eta_c$	31722	1	39091
31724	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\rho^+\eta K^+K^-D^-D^{*+}$	31723	1	39092
31725	$e^+e^- \to e^+\nu_e\pi^+\omega D^-D^-$	31724	1	39093
31726	$e^+e^- \to \pi^-K^0D^{*+}\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	31725	1	39094
31727	$e^+e^- \to \bar{K}^0D^-D^{*+}\bar{D}^0\bar{n}\Delta^0$	31726	1	39095
31728	$e^+e^- \to \pi^+\rho^+K^0K^-D^+D^-D_s^{*-}$	31727	1	39096
31729	$e^+e^- \to \pi^0\pi^0\pi^0\rho^-\omega K^*K^*K^{*-}D^+\bar{n}p$	31728	1	39097
31730	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega\omega K^*D^{*+}\bar{D}^{*-}$	31729	1	39098
31731	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-K^{*+}D^+D^{*0}\bar{D}^{*0}$	31730	1	39099
31732	$e^+e^- \to \mu^+\nu_\mu\rho^+\rho^-\rho^-\omega D^+D^-$	31731	1	39100
31733	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D_2^{*+}D_s^{*-}$	31732	1	39101
31734	$e^+e^- \to \rho^+\rho^-D^{*+}\Delta^0\bar{\Sigma}_c^-$	31733	1	39102
31735	$e^+e^- \to \pi^+\rho^+K^0\bar{K}^0\eta'\bar{D}^{*-}\bar{D}^{*-}$	31734	1	39103
31736	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^-\rho^-\eta D^+\bar{D}^{*-}$	31735	1	39104
31737	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}a_1^+$	31736	1	39105
31738	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\eta K^+K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	31737	1	39106
31739	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^0\pi^+\pi^-\rho^-D^-D^{*+}$	31738	1	39107
31740	$e^+e^- \to \rho^0\pi^+\rho^-D^+\bar{D}^{*-}p\bar{p}$	31739	1	39108
31741	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\bar{D}^{*-}\bar{D}^0D_s^+$	31740	1	39109
31742	$e^+e^- \to \pi^0\bar{K}^*K^{*+}K^{*+}D^-\bar{D}^{*-}D^0$	31741	1	39110
31743	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^+\bar{D}^{*-}p\bar{p}$	31742	1	39111
31744	$e^+e^- \to \pi^0K^0D^+\eta_cD_{s0}^{*-}$	31743	1	39112

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31745	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\rho^+\omega K^-\bar{D}^{*-}D^0$	31744	1	39113
31746	$e^+e^- \to \pi^0\pi^-D^-D^{*+}D_s^+\gamma$	31745	1	39114
31747	$e^+e^- \to \pi^+K^*K^{*-}D^+\bar{D}^{*-}D^0\bar{D}^0$	31746	1	39115
31748	$e^+e^- \to \pi^+\bar{K}^0D^+\Delta^0\bar{\Delta}^{++}\bar{\Lambda}\Xi_c'^0$	31747	1	39116
31749	$e^+e^- \to \mu^+\nu_\mu\eta\bar{D}^{*-}\bar{D}^{*-}\bar{p}\Delta^{++}$	31748	1	39117
31750	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^+D^-$	31749	1	39118
31751	$e^+e^- \to \pi^-\pi^-\eta\omega D^{*+}D^{*+}$	31750	1	39119
31752	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}\bar{D}^{*-}\bar{\Sigma}^+\Sigma^-$	31751	1	39120
31753	$e^+e^- \to \pi^+\pi^-\rho^-\eta'D^{*+}\bar{D}^0$	31752	1	39121
31754	$e^+e^- \to e^-\bar{\nu}_eD^{*+}J/\psi K_1^0$	31753	1	39122
31755	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-\omega D^+D^+$	31754	1	39123
31756	$e^+e^- \to \tau^+\nu_\tau\eta D^-\bar{\Sigma}^{*0}\Xi_c^{*0}$	31755	1	39124
31757	$e^+e^- \to \rho^+\rho^-\omega\omega D^+D^-$	31756	1	39125
31758	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^-D^{*+}D_2^{*+}$	31757	1	39126
31759	$e^+e^- \to \pi^-K^+D^{*+}D_s^{*-}\chi_{c1}$	31758	1	39127
31760	$e^+e^- \to \rho^0\pi^-\rho^-D^+D^{*+}$	31759	1	39128
31761	$e^+e^- \to e^-\bar{\nu}_eK^0D^+\bar{D}^0D^{*0}$	31760	1	39129
31762	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\bar{D}^0D^{*0}D_s^+$	31761	1	39130
31763	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\rho^-\omega K^*D^+\bar{D}^0\gamma$	31762	1	39131
31764	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\eta\eta\omega K^+K^-D^+\bar{D}^0$	31763	1	39132
31765	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^0\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	31764	1	39133
31766	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega K^-D^+D^-\bar{D}^{*0}$	31765	1	39134
31767	$e^+e^- \to e^+\nu_e\bar{K}^*\bar{D}^{*-}D_s^{*+}D_s^{*-}$	31766	1	39135
31768	$e^+e^- \to e^-\bar{\nu}_eX_u^+D^+D_s^{*-}$	31767	1	39136
31769	$e^+e^- \to \pi^-K^*K^-D^+\bar{n}\Sigma_c^{*+}$	31768	1	39137
31770	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta D^+D^-D_s^{*-}$	31769	1	39138
31771	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\omega D^+D^{*0}$	31770	1	39139
31772	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^-D^-D^0\bar{D}^0$	31771	1	39140
31773	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\omega K^0D^{*+}\bar{D}^0$	31772	1	39141
31774	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\rho^-\omega D^+D^+$	3023	1	39142
31775	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^+\eta D^-D^{*+}$	31774	1	39143
31776	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\eta\eta\omega D^-D^-$	31775	1	39144

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31777	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^0K^{*-}D^{*+}D^{*0}$	31776	1	39145
31778	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-}$	31777	1	39146
31779	$e^+e^- \to \pi^+\pi^-K^0K^*K^-K^{*+}D^+D_s^-$	31778	1	39147
31780	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta D^+\bar{D}^{*-}n\bar{n}$	31779	1	39148
31781	$e^+e^- \to e^+\nu_e\pi^0\pi^0\omega\bar{D}^{*-}D^{*0}$	31780	1	39149
31782	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-K^{*+}D^{*+}\bar{D}^0D^{*0}$	31781	1	39150
31783	$e^+e^- \to \rho^-D^+\bar{D}^{*-}D_{s1}'^+\gamma$	31782	1	39151
31784	$e^+e^- \to K^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}D_{s1}'^+$	31783	1	39152
31785	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega K^*D^+\bar{D}^0$	31784	1	39153
31786	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^{*0}\Delta^-\bar{n}$	31785	1	39154
31787	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	31786	1	39155
31788	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\eta K^-K^{*+}D^+\bar{D}^{*-}$	31787	1	39156
31789	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\eta D^-\bar{D}^{*-}$	31788	1	39157
31790	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	31789	1	39158
31791	$e^+e^- \to \pi^0\pi^+\pi^-p\bar{\Delta}^+\bar{\Lambda}_c^-\Sigma_c^+$	31790	1	39159
31792	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^0\pi^+\bar{D}^{*-}D_1'^+$	31791	1	39160
31793	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\bar{K}^0K^+K^-\bar{D}^{*-}\bar{D}^{*0}$	31792	1	39161
31794	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-K^+D^+D^+D^-n\bar{p}$	31793	1	39162
31795	$e^+e^- \to \pi^0\pi^0\pi^0K^0K^*K^-D^+D^{*+}\bar{D}^{*-}$	31794	1	39163
31796	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\pi^-D^+D_1^+$	31795	1	39164
31797	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-D^+\bar{D}^{*-}n\bar{\Delta}^+$	31796	1	39165
31798	$e^+e^- \to \pi^0\rho^0K^0\bar{D}^0D^{*0}J/\psi$	31797	1	39166
31799	$e^+e^- \to \pi^0\pi^0\pi^+\eta\bar{K}^0\bar{D}^{*-}\bar{\Xi}^+\Xi^-$	31798	1	39167
31800	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^-\pi^-\eta\omega\bar{K}^0K^{*+}D^+D_0^{*-}$	31799	1	39168
31801	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\eta\omega D^+\bar{D}^{*-}$	31800	1	39169
31802	$e^+e^- \to e^+\nu_e\tau^-\bar{\nu}_\tau\pi^-D^{*+}\bar{D}^0\gamma$	31801	1	39170
31803	$e^+e^- \to \rho^0\pi^-\bar{K}^0K^+D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	31802	1	39171
31804	$e^+e^- \to e^+\nu_e\pi^0\pi^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	31803	1	39172
31805	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0K^*D^+D^-$	31804	1	39173
31806	$e^+e^- \to \pi^0\pi^0\pi^0K^{*+}D^-D^0$	31805	1	39174
31807	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta'D^-D^{*+}$	31806	1	39175
31808	$e^+e^- \to \pi^0\rho^+\rho^-\eta K^0\bar{K}^0K^*D^+D^-D^{*0}$	31807	1	39176

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31809	$e^+e^- \to \pi^0\pi^+\pi^- K^* K^{*-} D^+ \bar{D}^{*-} \bar{\Delta}^- \Delta^0$	31808	1	39177
31810	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+\rho^- \bar{K}^0 K^{*+} D^+ D^{*+}$	31809	1	39178
31811	$e^+e^- \to \bar{K}^0 K^+ D^+ \bar{D}^{*-} D_s^-$	31810	1	39179
31812	$e^+e^- \to \rho^0\pi^+\omega K^0 D^- \Lambda \bar{\Sigma}_c^0$	31811	1	39180
31813	$e^+e^- \to \pi^+\pi^- K^0 K^- D^+ \bar{D}^{*0} \psi(3770)$	31812	1	39181
31814	$e^+e^- \to \pi^+\pi^-\eta K^+ D^- D^{*+} a_1^-$	31813	1	39182
31815	$e^+e^- \to \bar{K}^0 K^{*+} \bar{D}^{*-} D_2^{*+} D_s^-$	31814	1	39183
31816	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+ D^- \bar{D}^{*0}$	31815	1	39184
31817	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\pi^- D^{*+} \bar{D}^0 D_s^+$	31816	1	39185
31818	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^0 \bar{D}^0 \bar{D}^{*0} D_s^+$	31817	1	39186
31819	$e^+e^- \to \rho^+ K^{*-} D^- D^{*+} \bar{D}^{*0}\gamma$	31818	1	39187
31820	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^- \bar{K}^* K^{*+} \bar{D}^{*-} \bar{D}^{*-}$	31819	1	39188
31821	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\rho^+ D^+ \bar{D}^{*-}$	31820	1	39189
31822	$e^+e^- \to \pi^0\pi^+\pi^+ K^- D^+ D^- \bar{D}^{*-}$	31821	1	39190
31823	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\eta\omega \bar{K}^0 \bar{K}^0 K^+ D^{*+}$	31822	1	39191
31824	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\eta K^* D^{*+} D^{*+} \bar{D}^{*-}$	31823	1	39192
31825	$e^+e^- \to \pi^0 K^* D^+ \bar{D}^0 D^{*0} D_s^-$	31824	1	39193
31826	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\rho^-\omega D^- D^{*+}\gamma$	31825	1	39194
31827	$e^+e^- \to \pi^+ \bar{K}^0 D^- \bar{D}^{*-} D^{*0} a_1^+$	31826	1	39195
31828	$e^+e^- \to \pi^0 K^* D^+ \bar{D}^{*-} \bar{p} \Lambda_c^+$	31827	1	39196
31829	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\eta\omega D^+ D^+$	31828	1	39197
31830	$e^+e^- \to \rho^0 K^* K^{*-} D^+ \bar{D}^0$	31829	1	39198
31831	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+ K^- D^{*+} D^0$	31830	1	39199
31832	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+ K^0 K^+ K^{*-} D^+ \bar{D}^{*-}$	31831	1	39200
31833	$e^+e^- \to \omega D^{*+} D_s^{*-} n \bar{\Xi}_c^{\prime 0}$	31832	1	39201
31834	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+ K^0 K^{*-} D^{*+} \bar{D}^{*-}$	31833	1	39202
31835	$e^+e^- \to e^-\bar{\nu}_e K^* D^+ D^0 \bar{D}^0$	31834	1	39203
31836	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^- \bar{K}^0 K^+ D^+ \bar{D}^{*-} n\bar{n}$	31835	1	39204
31837	$e^+e^- \to \pi^0\pi^+\rho^+\omega K^{*-} D^- J/\psi$	31836	1	39205
31838	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta \bar{D}^{*-} \bar{D}^{*-}$	31837	1	39206
31839	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^{*+} n \bar{\Sigma}_c^-$	31838	1	39207
31840	$e^+e^- \to \rho^0\pi^- \bar{K}^0 K^+ D^{*+} \bar{D}^{*-}$	31839	1	39208

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31841	$e^+e^- \to \bar{K}^0\bar{K}^*D^{*+}\bar{D}^{*-}D^{*0}\bar{D}^{*0}$	31840	1	39209
31842	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\rho^+\rho^+K^*D^{*+}n\bar{p}$	31841	1	39210
31843	$e^+e^- \to \mu^-\bar{\nu}_\mu\eta K^0D^+\eta_c$	31842	1	39211
31844	$e^+e^- \to \bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^{*-}a_1^+$	31843	1	39212
31845	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta K^0D^{*+}J/\psi$	31844	1	39213
31846	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\rho^-\eta\omega\omega D^+D^{*+}$	31845	1	39214
31847	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^*D^{*+}\bar{D}^{*-}$	31846	1	39215
31848	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\omega\bar{K}^*\eta'D^-\Delta^+\bar{\Sigma}_c^{*--}$	31847	1	39216
31849	$e^+e^- \to \pi^0\pi^-\eta K^0D^{*+}D^{*+}\bar{D}^{*-}$	31848	1	39217
31850	$e^+e^- \to \rho^+\rho^-\eta'D^{*+}\bar{D}^{*-}$	31849	1	39218
31851	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^+\pi^+\rho^-\eta'D^-D_1^+$	31850	1	39219
31852	$e^+e^- \to \pi^0\pi^-\omega K^0\bar{K}^*D^{*0}\bar{\Delta}^+\Sigma_c^{*++}$	31851	1	39220
31853	$e^+e^- \to \pi^+\pi^+\pi^-\omega D^+D^-\bar{\Delta}^+\Sigma^{*0}$	31852	1	39221
31854	$e^+e^- \to \pi^-D^{*+}\bar{D}^0D_s^+\bar{\Sigma}^0\Xi^-$	31853	1	39222
31855	$e^+e^- \to \rho^0\rho^+\rho^-\omega K^0D^0\bar{\Delta}^+\Sigma^+$	31854	1	39223
31856	$e^+e^- \to \pi^0\pi^0\pi^0\bar{K}^0\bar{D}^0D^{*0}$	31855	1	39224
31857	$e^+e^- \to \pi^-D^+\Delta^-\bar{\Delta}^0p\bar{\Xi}_c'^0$	31856	1	39225
31858	$e^+e^- \to \pi^0\pi^0\rho^+K^*K^-D^-D^{*+}$	31857	1	39226
31859	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0D^-D^{*+}D^{*+}$	31858	1	39227
31860	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0\phi D^+D^-\bar{D}^{*-}$	31859	1	39228
31861	$e^+e^- \to \pi^0\pi^+\rho^-D^{*+}\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	31860	1	39229
31862	$e^+e^- \to \rho^0\pi^-\rho^+\omega\bar{K}^*D^+D^-$	31861	1	39230
31863	$e^+e^- \to \pi^0\pi^-D^-D^{*+}D_s^{*+}$	31862	1	39231
31864	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\rho^-\eta D^+\bar{D}^{*-}$	31863	1	39232
31865	$e^+e^- \to \pi^+K^+\bar{D}^{*-}D^0b_1^-$	31864	1	39233
31866	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{D}^{*-}$	31865	1	39234
31867	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\eta D^+D^-n\bar{n}$	31866	1	39235
31868	$e^+e^- \to \pi^0\pi^0\rho^0\rho^-\eta D^-D^{*+}D_{s0}^{*+}$	31867	1	39236
31869	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^-\omega D^-D^{*+}$	31868	1	39237
31870	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\eta\eta\omega D^+D^-$	31869	1	39238
31871	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+D^+D^-D_s^-$	31870	1	39239
31872	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^-\eta D^-D^0\bar{\Delta}^0p$	31871	1	39240

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31873	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0\bar{D}^{*-}D^0\bar{D}^0$	31872	1	39241
31874	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+D^+\bar{D}^{*-}\Delta^+\bar{\Delta}^{++}$	31873	1	39242
31875	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-K^+D^+D^-D^{*+}\bar{D}^{*0}$	31874	1	39243
31876	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-K^{*+}D^{*+}\bar{D}^{*-}D^0$	31875	1	39244
31877	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\eta\bar{K}^0K^+D^+D^-D'^-_{s1}$	31876	1	39245
31878	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\pi^-\pi^-\pi^-\rho^+\eta D^+D^{*+}$	31877	1	39246
31879	$e^+e^- \to \pi^0\pi^0\rho^+\omega\omega K^0K^{*-}D^+D^-$	31878	1	39247
31880	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^{*+}D^0$	31879	1	39248
31881	$e^+e^- \to \tau^-\bar{\nu}_\tau K^*D^{*+}\bar{D}^{*-}D_0^{*+}$	31880	1	39249
31882	$e^+e^- \to \rho^+\bar{K}^0D^{*+}\bar{D}^{*-}D^0a_1^-\gamma$	31881	1	39250
31883	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu D^{*+}D'^+_1$	31882	1	39251
31884	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D^0n\bar{\Delta}^0$	31883	1	39252
31885	$e^+e^- \to \tau^+\nu_\tau\pi^+\rho^-\bar{K}^*\bar{D}^{*-}$	31884	1	39253
31886	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^+\eta K^*K^-\bar{D}^{*-}\bar{D}^{*-}$	31885	1	39254
31887	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta K^*K^+K^-D^{*0}D_1^-$	31886	1	39255
31888	$e^+e^- \to \pi^0\pi^0\rho^+K^0D^+\bar{D}^{*-}D_s^{*-}\bar{n}\Lambda$	31887	1	39256
31889	$e^+e^- \to \pi^0\rho^0K^0K^-D^+D^{*+}p\bar{\Delta}^{++}$	31888	1	39257
31890	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^-\pi^-D^+D^{*+}$	31889	1	39258
31891	$e^+e^- \to \pi^0K^-D_s^+J/\psi n\bar{\Lambda}$	31890	1	39259
31892	$e^+e^- \to e^+\nu_eK^0K^{*-}D^{*+}\bar{D}^{*-}$	31891	1	39260
31893	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+K^0\bar{K}^0D^-\eta_c(2S)$	31892	1	39261
31894	$e^+e^- \to \pi^-\bar{K}^*D^-D^{*+}D'^+_{s1}$	31893	1	39262
31895	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0K^-D^-D^{*+}n\bar{n}$	31894	1	39263
31896	$e^+e^- \to \rho^0\pi^-\omega D^+D^+D_s^-$	31895	1	39264
31897	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^+\omega K^-D^-D^{*0}$	31896	1	39265
31898	$e^+e^- \to \pi^+\pi^-\rho^-\omega\omega D^+D^0n\bar{n}$	31897	1	39266
31899	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\omega D^-D^{*0}\bar{n}p$	31898	1	39267
31900	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\omega K^0\bar{D}^{*-}D^{*0}$	31899	1	39268
31901	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^-K^{*+}D^{*+}D_0^{*+}$	31900	1	39269
31902	$e^+e^- \to \pi^-\rho^+\rho^+\eta'D^{*+}\bar{D}^{*-}D_s^{*-}$	31901	1	39270
31903	$e^+e^- \to \rho^0\rho^0K^+K^+K^{*-}D^-$	31902	1	39271
31904	$e^+e^- \to \pi^+\rho^-\omega\omega D^{*+}D^0a_1^-$	31903	1	39272

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31905	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-K^{*-}D^{*+}\bar{D}^0D^{*0}n\bar{p}$	31904	1	39273
31906	$e^+e^- \to \pi^-\bar{K}^0K^{*+}\phi D^{*+}\bar{D}^{*-}\eta_c$	31905	1	39274
31907	$e^+e^- \to \rho^+\rho^+\rho^-\eta D^+\bar{D}^{*-}a_1^-$	31906	1	39275
31908	$e^+e^- \to D^{*+}\bar{D}^0D_s^{*-}\Delta^+\bar{\Sigma}^-$	31907	1	39276
31909	$e^+e^- \to \pi^+\pi^-\eta K^*K^{*-}D^{*+}\bar{D}^0$	31908	1	39277
31910	$e^+e^- \to \pi^0\pi^0D^+D^{*+}D_s^{*-}n\bar{p}\gamma$	31909	1	39278
31911	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\bar{K}^0K^{*+}\bar{D}^{*-}D_1'^-$	31910	1	39279
31912	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\eta\eta D^-D^0\Delta^0\bar{\Delta}^0$	31911	1	39280
31913	$e^+e^- \to \pi^0D^{*+}\bar{D}^0D_{s1}'^-$	31912	1	39281
31914	$e^+e^- \to \tau^-\bar{\nu}_\tau K^0D^+D^{*+}\bar{D}^{*-}$	31913	1	39282
31915	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+\rho^-\eta K^+K^+K^-K^-\bar{D}^{*-}$	31914	1	39283
31916	$e^+e^- \to \pi^+\pi^-\pi^-K^*K^+K^-D^{*+}J/\psi$	31915	1	39284
31917	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^*J/\psi D_1^-$	31916	1	39285
31918	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-K^*\bar{K}^*D^{*+}\bar{D}^{*0}\bar{p}\Delta^+$	31917	1	39286
31919	$e^+e^- \to \rho^-\bar{D}^{*0}\bar{\Delta}^0\bar{p}\Delta^+\Sigma_c^{*+}$	31918	1	39287
31920	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}D_s^{*-}$	31919	1	39288
31921	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\pi^-\rho^+K^{*+}D^{*+}\eta_c$	31920	1	39289
31922	$e^+e^- \to e^+\nu_e\pi^-\pi^-\rho^+\bar{K}^0K^+K^-D^-D^{*+}$	31921	1	39290
31923	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\bar{D}^{*-}\bar{D}^{*0}D_s^{*+}$	31922	1	39291
31924	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-\omega D^{*+}D^{*+}$	31923	1	39292
31925	$e^+e^- \to \omega D^{*+}\bar{D}^0D_s^{*-}$	31924	1	39293
31926	$e^+e^- \to \pi^-\bar{K}^0K^*K^*D^+D^{*+}\bar{D}^{*-}$	31925	1	39294
31927	$e^+e^- \to \pi^0\pi^+\pi^-K^-\bar{D}^{*-}D_s^+\bar{\Delta}^-\Delta^0$	31926	1	39295
31928	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega D^-D_2^{*+}D_s^-$	31927	1	39296
31929	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+D^-D^-D_s^+$	31928	1	39297
31930	$e^+e^- \to \pi^-K^+K^+K^-K^{*-}D^{*+}D^0\bar{D}^0$	31929	1	39298
31931	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^0K^0\bar{K}^0\bar{K}^0D^{*+}\bar{D}^{*-}$	31930	1	39299
31932	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\bar{K}^0D^-D^0D_s^+$	31931	1	39300
31933	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega K^{*-}D^-D^{*+}n\bar{n}$	31932	1	39301
31934	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\eta D^-D^{*+}D_s^{*-}$	31933	1	39302
31935	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta K^0\bar{K}^0D^+\bar{D}^{*-}$	31934	1	39303
31936	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}D^{*+}$	31935	1	39304

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31937	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta D^- D^{*+} n\bar{p}$	31936	1	39305
31938	$e^+e^- \to \pi^+\rho^+\rho^- K^{*-} D^+ D^- \bar{D}^{*0}$	31937	1	39306
31939	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\eta D^{*+} D_2^{*-}$	31938	1	39307
31940	$e^+e^- \to e^-\bar{\nu}_e\eta K_S D^+ J/\psi$	31939	1	39308
31941	$e^+e^- \to \pi^+\pi^+\pi^- K^{*+}\bar{D}^{*-}\bar{D}^{*-} n\bar{n}$	31940	1	39309
31942	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^0\pi^-\bar{K}^0 D^+\bar{D}^{*0} D_1^-$	31941	1	39310
31943	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\omega\omega D^+\bar{D}^{*-} p\bar{\Delta}^{++}$	31942	1	39311
31944	$e^+e^- \to e^-\bar{\nu}_e\rho^+\eta D^- D_1'^+$	31943	1	39312
31945	$e^+e^- \to \rho^- D^- D^{*+}\bar{\Sigma}^+\Sigma^0$	31944	1	39313
31946	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^- D^{*+}\bar{D}^{*0}$	31945	1	39314
31947	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\rho^-\bar{K}^0\bar{D}^{*-}\eta_c$	31946	1	39315
31948	$e^+e^- \to \pi^0\pi^+ K^0\bar{K}^0 K^* K^+ K^- K^- D^+ D^-$	31947	1	39316
31949	$e^+e^- \to K^0 D^{*0} D_s^+ D_s^{*-}\Lambda\bar{\Sigma}^{*0}$	31948	1	39317
31950	$e^+e^- \to \pi^-\pi^-\rho^+\eta D^{*+}\bar{D}^{*-} D_s^{*+}$	31949	1	39318
31951	$e^+e^- \to e^+\nu_e K^0 D^{*+}\bar{D}^{*-}\bar{p}\Lambda$	31950	1	39319
31952	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\rho^- K^{*+} D^{*+}\gamma$	31951	1	39320
31953	$e^+e^- \to e^+\nu_e K^{*-} D^-\bar{\Delta}^+\Sigma_c^{++}$	31952	1	39321
31954	$e^+e^- \to \pi^0\pi^+\rho^-\rho^-\omega K^0 D^{*+}\bar{D}^0 D^{*0}$	31953	1	39322
31955	$e^+e^- \to \pi^0\rho^0\pi^+\omega K^- D^- D^{*+}\bar{D}^{*0}$	31954	1	39323
31956	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\omega D^- D^{*+}\Sigma^+\bar{\Sigma}^-$	31955	1	39324
31957	$e^+e^- \to \pi^-\omega\bar{K}^* K^{*+}\bar{D}^{*-}\bar{n}\Xi_c'^+$	31956	1	39325
31958	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\pi^+\omega D^+\bar{D}^{*-}$	31957	1	39326
31959	$e^+e^- \to \pi^- K^+ D^+\bar{D}^0 D^{*0}\Delta^0\bar{\Delta}^+$	31958	1	39327
31960	$e^+e^- \to \pi^+ K_2^{*0} J/\psi\Delta^0\bar{\Xi}_c^{*-}$	31959	1	39328
31961	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta D^+\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^{*0}$	31960	1	39329
31962	$e^+e^- \to \pi^+ K^0 K^- D^+\bar{D}^{*-} D_s^{*-} D_{s1}^+$	31961	1	39330
31963	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\phi D^+\bar{D}^0 D_s^{*+}$	31962	1	39331
31964	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^- K^- D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	31963	1	39332
31965	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\eta K^+ K^- D^- D^{*+}$	31964	1	39333
31966	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-} D^0\bar{D}^0$	31965	1	39334
31967	$e^+e^- \to \rho^0\pi^-\pi^-\rho^+\omega\bar{K}^* K^+ D^- D^{*+}$	31966	1	39335
31968	$e^+e^- \to \pi^0\pi^-\rho^+\rho^+\eta K^0 K^{*-} D^- D^{*+}$	31967	1	39336

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
31969	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\rho^+\eta K^+K^{*-}\bar{D}^{*-}$	31968	1	39337
31970	$e^+e^- \to \pi^0\pi^+K^0K^*D^+D^-D^{*+}\bar{\Delta}^{++}\Lambda$	31969	1	39338
31971	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\eta D^{*+}\Delta^+\bar{\Sigma}_c^{--}$	31970	1	39339
31972	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\rho^+\rho^+\eta D^+\bar{D}^{*-}$	31971	1	39340
31973	$e^+e^- \to \pi^0\pi^+\pi^-D^{*+}\bar{D}^{*0}\Delta^-\bar{\Delta}^0$	31972	1	39341
31974	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^+\omega K^0\bar{K}^0K^+K^-D^+\bar{D}^{*-}$	31973	1	39342
31975	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-D^+\bar{D}^0D_s^-$	31974	1	39343
31976	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-K^0\eta' D^+\bar{D}^{*-}$	31975	1	39344
31977	$e^+e^- \to \pi^-\omega\bar{K}^0D^{*+}\Delta^+\bar{\Xi}_c'^-$	31976	1	39345
31978	$e^+e^- \to K_L\pi^+\pi^-\bar{D}^{*0}\eta_c$	31977	1	39346
31979	$e^+e^- \to e^+\nu_e\pi^0\rho^0\rho^0\pi^-K^+K^{*-}D^{*+}D_1'^-$	31978	1	39347
31980	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega\omega K^0K^-D^-D^{*+}$	31979	1	39348
31981	$e^+e^- \to \pi^0\rho^0\rho^0K^+D^+D_s^-n\bar{p}$	31980	1	39349
31982	$e^+e^- \to \pi^0\pi^0\rho^0\bar{K}^0\bar{K}^0K^+D^-D^0\bar{D}^0$	31981	1	39350
31983	$e^+e^- \to \pi^0\rho^0\rho^+\eta K_SD^-J/\psi$	31982	1	39351
31984	$e^+e^- \to \omega D^{*+}a_1^-f_0(980)$	31983	1	39352
31985	$e^+e^- \to \pi^0\pi^+\rho^+\rho^-\rho^-\eta D^-D^{*+}n\bar{n}$	31984	1	39353
31986	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^-D^-D^{*+}$	31985	1	39354
31987	$e^+e^- \to \rho^0D^+\bar{n}\Sigma_c^0a_1^-$	31986	1	39355
31988	$e^+e^- \to \pi^0K^0K^+K^{*-}D^+\bar{D}^{*-}D^{*0}$	31987	1	39356
31989	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\bar{K}^0K^*K^{*+}D^{*+}\bar{D}^{*-}D^0$	31988	1	39357
31990	$e^+e^- \to \pi^+\eta\omega\bar{K}^0D^-\bar{D}^{*0}n\bar{n}$	31989	1	39358
31991	$e^+e^- \to \pi^+\rho^-D^{*+}D_s^+D_s^-a_1^-$	31990	1	39359
31992	$e^+e^- \to \pi^0\pi^0\pi^-K^0D^+D^{*+}\bar{D}^{*-}$	31991	1	39360
31993	$e^+e^- \to \pi^0\pi^-\rho^+K^0K^{*-}D^{*+}\bar{D}^{*-}\bar{\Delta}^0\Delta^+$	31992	1	39361
31994	$e^+e^- \to \pi^0\rho^+\rho^+\omega D^-\bar{D}^{*-}p\bar{p}$	31993	1	39362
31995	$e^+e^- \to \pi^+\eta K^{*+}D^-\bar{D}^{*-}D^{*0}$	31994	1	39363
31996	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^+\bar{D}^{*-}D_1^+$	31995	1	39364
31997	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+D^-\bar{D}^0$	31996	1	39365
31998	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\rho^0\pi^+\omega K^*D^-D^{*+}$	31997	1	39366
31999	$e^+e^- \to e^+\nu_e\rho^+K^0\bar{K}^0D^-\bar{D}^{*-}$	31998	1	39367
32000	$e^+e^- \to \pi^0\pi^-\rho^+K^0K^-K^{*+}D^+\bar{D}^{*-}D^{*0}$	31999	1	39368

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32001	$e^+e^- \to \pi^0\pi^-\rho^+K^{*+}\bar{D}^{*-}J/\psi$	32000	1	39369
32002	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\eta\eta'D^+\bar{D}^0$	32001	1	39370
32003	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\rho^0\pi^-\omega\omega\bar{K}^0K^+D^+D^-$	32002	1	39371
32004	$e^+e^- \to \pi^+\pi^-\rho^+K^0K^-D^+\bar{D}^{*-}p\bar{p}$	32003	1	39372
32005	$e^+e^- \to \pi^-\bar{K}^*K^+\bar{D}^{*-}\bar{D}^0D_s^+$	32004	1	39373
32006	$e^+e^- \to \pi^+\omega K^*K^+K^-D^-D^{*+}\bar{p}\Lambda$	32005	1	39374
32007	$e^+e^- \to e^+\nu_e\pi^+\rho^+\eta K^-D^-\bar{D}^{*-}$	32006	1	39375
32008	$e^+e^- \to \pi^+\pi^-\pi^-D^+D^-D_s^+n\bar{\Delta}^0$	32007	1	39376
32009	$e^+e^- \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}$	32008	1	39377
32010	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-D^+\bar{D}^{*-}\bar{p}\Delta^+$	32009	1	39378
32011	$e^+e^- \to \omega K^+D^-D^{*+}D_s^-$	32010	1	39379
32012	$e^+e^- \to \pi^+\pi^+\pi^-D^-D^{*+}\Delta^-\bar{\Delta}^0$	32011	1	39380
32013	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-D^-D^{*+}$	32012	1	39381
32014	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}\bar{D}^{*-}$	32013	1	39382
32015	$e^+e^- \to \rho^-K^0D^-D^{*+}D_2^{*+}$	32014	1	39383
32016	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^-D^{*+}D^{*+}$	32015	1	39384
32017	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+K^-K^{*+}\phi D^-D^{*+}$	32016	1	39385
32018	$e^+e^- \to \pi^+\pi^+\pi^-K^+K^{*-}D^-\bar{D}^{*-}D_s^{*+}$	32017	1	39386
32019	$e^+e^- \to \rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{D}^{*-}D^0n\bar{n}$	32018	1	39387
32020	$e^+e^- \to \pi^0\pi^0\pi^-K^0\bar{K}^0D^-D^{*+}\bar{\Sigma}^+\Sigma^0$	32019	1	39388
32021	$e^+e^- \to \rho^-\bar{D}^{*-}\bar{n}\Sigma_c^+D_{s1}'^+$	32020	1	39389
32022	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\eta\bar{K}^*\bar{K}^*K^+D^-$	32021	1	39390
32023	$e^+e^- \to K^0D^-D^{*+}\bar{D}^{*-}D_s^+$	32022	1	39391
32024	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0K^0K^-D^{*+}\bar{D}^{*-}$	32023	1	39392
32025	$e^+e^- \to \pi^0\rho^0\pi^-D^{*+}D_2^{*-}D_s^+$	32024	1	39393
32026	$e^+e^- \to \rho^+\eta K^0K^{*-}D^+D^-$	32025	1	39394
32027	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+K^{*-}D^-D^{*+}D^0$	32026	1	39395
32028	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\bar{K}^*D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	32027	1	39396
32029	$e^+e^- \to e^+\nu_e\pi^0\pi^+\rho^-\omega\bar{D}^{*-}\bar{D}^{*0}$	32028	1	39397
32030	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-\omega D^{*+}\bar{D}^{*0}$	32029	1	39398
32031	$e^+e^- \to \pi^0\rho^0\rho^0\rho^0\pi^+\rho^+\omega\bar{D}^{*-}\bar{D}^{*-}$	32030	1	39399
32032	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^*K^-D^{*+}D_1^+$	32031	1	39400

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32033	$e^+e^- \to \pi^+\pi^- D^+ \bar{D}^0 \Delta^- \bar{\Delta}^0$	32032	1	39401
32034	$e^+e^- \to \pi^+\pi^+\rho^- D^+ \bar{D}^{*-} D_{s0}^{*-}$	32033	1	39402
32035	$e^+e^- \to \pi^0\pi^+\eta D^{*0} p\bar{p}\bar{\Delta}^+ \Sigma_c^{*0}$	32034	1	39403
32036	$e^+e^- \to e^+\nu_e\pi^+ D_2^{*-} D^0 D_s^-$	32035	1	39404
32037	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+ \bar{D}^0 n\bar{n}$	32036	1	39405
32038	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\omega D^+ D^+$	32037	1	39406
32039	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\pi^- \bar{D}^{*-} D_2^{*+}$	32038	1	39407
32040	$e^+e^- \to e^-\bar{\nu}_e\rho^0\rho^0\rho^- D^+ D_1^+$	32039	1	39408
32041	$e^+e^- \to \pi^+\rho^- D_2^{*+} \Delta^0 \bar{\Lambda}_c^-$	32040	1	39409
32042	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-\rho^+\eta D^- D^{*+}$	32041	1	39410
32043	$e^+e^- \to \pi^+ K^{*-} D_2^{*-} \bar{D}^0 D^{*0} D_s^{*+}$	32042	1	39411
32044	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega K^0 \bar{K}^0 K^- \phi \bar{D}^0 D^{*0}$	32043	1	39412
32045	$e^+e^- \to \mu^+\nu_\mu D^- D_s^- D_1^+$	32044	1	39413
32046	$e^+e^- \to \pi^+ \bar{K}^* D^+ \bar{D}^{*-} \Delta^0 \bar{\Lambda}_c^-$	32045	1	39414
32047	$e^+e^- \to \tau^+\nu_\tau\pi^+\rho^+\rho^-\eta D^- D^-$	32046	1	39415
32048	$e^+e^- \to \pi^+\pi^-\pi^-\pi^-\rho^+\omega D^+ \bar{D}^{*-} \bar{n}p$	32047	1	39416
32049	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\eta D^0 \bar{D}^0 D_s^-$	32048	1	39417
32050	$e^+e^- \to \pi^+\pi^- \bar{D}^{*-} \bar{\Delta}^+ \Sigma_c^{++}$	32049	1	39418
32051	$e^+e^- \to \rho^-\eta\omega K^{*+}\eta' D^- D^{*+} D^0$	32050	1	39419
32052	$e^+e^- \to e^+\nu_e\pi^+\omega K^0 K^{*-} K^{*-} D_s^+ D_1^-$	32051	1	39420
32053	$e^+e^- \to \pi^0\rho^+\eta D^{*+} \bar{D}^{*-} D_{s1}'^-$	32052	1	39421
32054	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\eta\omega D^- D^{*+}$	32053	1	39422
32055	$e^+e^- \to e^+\nu_e\pi^+\pi^-\omega K^0 \bar{K}^* \bar{K}^* \bar{D}^{*-} \bar{D}^0$	32054	1	39423
32056	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+ D_2^{*+} D^0 D_s^-$	32055	1	39424
32057	$e^+e^- \to \tau^+\nu_\tau\pi^+\rho^+\rho^- D^- \bar{D}^{*-}$	32056	1	39425
32058	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^-\rho^+ \bar{K}^0 K^+ D^- D_1'^+$	32057	1	39426
32059	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\pi^+\pi^- K^* \phi D^+ \bar{D}^{*0}$	32058	1	39427
32060	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-\rho^- \bar{D}^0 D_s^{*-} D_1'^+$	32059	1	39428
32061	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^- K^{*+} D^{*0}$	32060	1	39429
32062	$e^+e^- \to \pi^0\pi^0\pi^0\pi^- D^{*+} \bar{D}^{*-} D_s^+$	32061	1	39430
32063	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^+ K^0 \bar{K}^* K^- D^{*0} D_1^-$	32062	1	39431
32064	$e^+e^- \to \rho^0\rho^0\pi^-\rho^+ D^{*+} D_2^{*-}$	32063	1	39432

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32065	$e^+e^- \to D^+D_2^{*-}D_s^-D_s^{*+}$	32064	1	39433
32066	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	32065	1	39434
32067	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\bar{K}^0D^-D^{*+}\bar{D}^0$	32066	1	39435
32068	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0D^{*0}\bar{n}\Xi_c^+$	32067	1	39436
32069	$e^+e^- \to \pi^0\pi^+\pi^-\eta\omega\bar{D}^{*-}D^0\bar{\Xi}^+\Xi^0$	32068	1	39437
32070	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\eta\omega D^-D^{*+}$	32069	1	39438
32071	$e^+e^- \to K^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}\bar{\Sigma}^+\Xi^-$	32070	1	39439
32072	$e^+e^- \to \rho^+\omega K^0\bar{K}^0\bar{K}^*K^-\bar{\Lambda}\Sigma_c^0$	32071	1	39440
32073	$e^+e^- \to \tau^+\nu_\tau\pi^0\pi^+K^-D^-D_s^+D_s^{*-}$	32072	1	39441
32074	$e^+e^- \to \rho^-K^0D^+D_2^{*+}\bar{D}^0D_s^-$	32073	1	39442
32075	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\eta\omega K^0\bar{K}^*D^+D^-$	32074	1	39443
32076	$e^+e^- \to \rho^0\pi^+\pi^-\rho^+\rho^+\rho^-K^0D^-D^{*0}D^{*0}$	32075	1	39444
32077	$e^+e^- \to \pi^+\pi^-\pi^-\eta\omega D^{*+}\bar{D}^{*0}n\bar{n}$	32076	1	39445
32078	$e^+e^- \to \pi^0\pi^0\pi^+\omega D^-\bar{D}^{*-}D_s^+$	32077	1	39446
32079	$e^+e^- \to D^+D_2^{*+}D_s^{*-}a_1^-$	32078	1	39447
32080	$e^+e^- \to \pi^0\rho^0\pi^+K^0D^0D_s^{*-}J/\psi$	32079	1	39448
32081	$e^+e^- \to \pi^+\pi^-\rho^-K^+D^{*+}\bar{D}^{*-}D^{*0}$	32080	1	39449
32082	$e^+e^- \to K^{*-}D^{*+}D^{*+}\bar{D}^{*0}D_{s0}^{*-}$	32081	1	39450
32083	$e^+e^- \to \pi^0\pi^-\omega D^+D^-D_{s0}^{*+}$	32082	1	39451
32084	$e^+e^- \to \pi^0K^0\bar{K}^*D^-D^{*+}\bar{\Lambda}\Sigma_c^0$	32083	1	39452
32085	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^{*+}\bar{D}^{*-}D^0$	32084	1	39453
32086	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\rho^0\rho^+D^{*+}\bar{D}^{*-}$	32085	1	39454
32087	$e^+e^- \to \pi^+\pi^+\eta\bar{D}^{*-}\bar{D}^{*-}\Delta^+\bar{\Delta}^+$	32086	1	39455
32088	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^+D^+D_s^{*-}$	32087	1	39456
32089	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^-\bar{K}^*K^+D^{*+}\bar{D}^{*-}n\bar{n}$	32088	1	39457
32090	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+D^+\bar{D}^{*-}p\bar{p}$	32089	1	39458
32091	$e^+e^- \to \pi^-\eta\bar{K}^*K^+\eta'D^+D^-$	32090	1	39459
32092	$e^+e^- \to \pi^+\pi^+\pi^-\omega K^+D^-\bar{D}^{*-}n\bar{n}\bar{n}\Lambda$	32091	1	39460
32093	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}p\bar{\Sigma}_c^-$	32092	1	39461
32094	$e^+e^- \to \pi^0\pi^-\pi^-\rho^-\eta\eta K^+D^+D^{*+}$	32093	1	39462
32095	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\eta\omega K^0D^+\bar{D}^{*0}$	32094	1	39463
32096	$e^+e^- \to \pi^-\rho^-D^+\bar{D}^0D_s^+$	32095	1	39464

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32097	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^0\bar{K}^0\bar{D}^{*-}\bar{p}\Xi_c'^+$	32096	1	39465
32098	$e^+e^- \to \pi^+\bar{K}^*J/\psi\Delta^0\bar{\Sigma}_c^-$	32097	1	39466
32099	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\eta\omega\bar{K}^0K^{*+}D^-D^{*+}$	32098	1	39467
32100	$e^+e^- \to \bar{D}^{*0}\bar{D}^{*0}n\bar{n}\Delta^0\bar{\Sigma}^0$	32099	1	39468
32101	$e^+e^- \to \pi^0\rho^-\eta\eta D^+n\bar{\Xi}_c'^0\gamma\gamma$	32100	1	39469
32102	$e^+e^- \to e^+\nu_eK^0\bar{D}^{*-}\bar{n}\Xi_c'^0$	32101	1	39470
32103	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^-\bar{K}^0K^{*+}D^+D^-$	32102	1	39471
32104	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\rho^+\rho^-D^-\bar{D}^{*-}n\bar{n}$	32103	1	39472
32105	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*-}$	32104	1	39473
32106	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-\rho^-\omega\omega D^{*+}D^{*+}$	32105	1	39474
32107	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_0^{*+}a_1^-$	32106	1	39475
32108	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\rho^-\omega K^*K^+D^+D^-\bar{D}^{*-}$	32107	1	39476
32109	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+K^0K^0K^-D^-D^{*+}D^{*0}$	32108	1	39477
32110	$e^+e^- \to \pi^0\rho^0\pi^+\rho^-K^0\bar{K}^*\phi D^+\bar{D}^{*-}$	32109	1	39478
32111	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\eta K^*D^+D^-\bar{D}^{*-}$	32110	1	39479
32112	$e^+e^- \to e^+\nu_e\pi^+K^-D_1'^-\chi_{c1}$	32111	1	39480
32113	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\eta D^+\bar{D}^{*0}$	32112	1	39481
32114	$e^+e^- \to \eta\bar{K}^0\bar{K}^0D^-D^-D^{*+}p\bar{\Lambda}$	32113	1	39482
32115	$e^+e^- \to e^+\nu_eD^{*+}\bar{D}^{*-}\Sigma^{*0}\bar{\Sigma}^-$	32114	1	39483
32116	$e^+e^- \to e^-\bar{\nu}_e\phi D^+D^+D_s^{*-}$	32115	1	39484
32117	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^*D^-D^{*+}$	32116	1	39485
32118	$e^+e^- \to \pi^0\pi^0\pi^-\rho^+\omega\bar{K}^0D^{*+}\bar{D}^{*-}\bar{D}^0$	32117	1	39486
32119	$e^+e^- \to e^-\bar{\nu}_e\rho^0D^{*+}p\bar{\Sigma}_c^-$	32118	1	39487
32120	$e^+e^- \to e^+\nu_eK^*\bar{D}^{*-}J/\psi$	32119	1	39488
32121	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+\rho^-\omega\bar{K}^*D^{*0}D_1^+$	32120	1	39489
32122	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^0\pi^-\eta\eta\bar{K}^*D^+\bar{D}^{*-}$	32121	1	39490
32123	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\rho^-K^0\bar{K}^0D^+\bar{D}^{*-}\Delta^-\bar{n}$	32122	1	39491
32124	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0D^+D^-D^-$	32123	1	39492
32125	$e^+e^- \to \pi^0\rho^0\rho^0\rho^+\eta'D^-D^{*+}D_{s0}^{*-}$	32124	1	39493
32126	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\rho^-K^0K^-D^+D^{*+}$	32125	1	39494
32127	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+\pi^0\pi^+\bar{D}^{*-}$	32126	1	39495
32128	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-K^0D^+D^{*+}\bar{D}^{*-}$	32127	1	39496

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32129	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+\omega D^+ D_2^{*-}$	32128	1	39497
32130	$e^+e^- \to \rho^0 K^0 D^+ D_s^- D_s^{*+} n\bar{p}$	32129	1	39498
32131	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^0\pi^+\eta\omega D^- D_1^+$	32130	1	39499
32132	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^- D^+ D_1^-$	32131	1	39500
32133	$e^+e^- \to \pi^-\pi^-\eta\bar{K}^0 K^{*+} D^+\Delta^+\bar{\Sigma}_c^{*-}$	32132	1	39501
32134	$e^+e^- \to \pi^0\pi^0\pi^+\rho^+\rho^- D^-\Delta^+\bar{\Sigma}_c^-$	32133	1	39502
32135	$e^+e^- \to \tau^+\nu_\tau\bar{K}^* K^+ D^- D_1^-\gamma$	32134	1	39503
32136	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^+ K^0\bar{K}^0 K^-\bar{D}^{*-} D^{*0}$	32135	1	39504
32137	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\bar{D}^{*-} D_1^+$	32136	1	39505
32138	$e^+e^- \to \rho^+\bar{K}^*\bar{D}^{*-}\gamma$	32137	1	39506
32139	$e^+e^- \to \pi^0\pi^0\pi^-\eta\eta\bar{K}^0 K^* D^+\bar{D}^{*-}\bar{n}p$	32138	1	39507
32140	$e^+e^- \to \rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^0 K^*\eta' D^{*+}\bar{D}^{*-}$	32139	1	39508
32141	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- D^+ D^{*0}\Delta^+\bar{\Delta}^{++}$	32140	1	39509
32142	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega\omega D^-$	32141	1	39510
32143	$e^+e^- \to K_S\eta' D^+ D_s^-$	32142	1	39511
32144	$e^+e^- \to \pi^0\rho^0\pi^+\pi^- K^0\bar{K}^0\phi D^+\bar{D}^{*-}$	32143	1	39512
32145	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^0\phi D^+\bar{D}^{*-}$	32144	1	39513
32146	$e^+e^- \to \pi^0\rho^0\rho^0\rho^-\eta' D^+ D^+ D_{s1}'^-$	32145	1	39514
32147	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\bar{K}^* K^+ D^{*+} D_2^{*-} D_s^+$	32146	1	39515
32148	$e^+e^- \to e^+\nu_e\rho^- D^-\bar{n}\Xi_c'^+$	32147	1	39516
32149	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^- K^+\bar{D}^{*-}\eta_c$	32148	1	39517
32150	$e^+e^- \to \pi^+\pi^-\eta\eta K^* D^{*+}\bar{D}^{*0} D_s^-$	32149	1	39518
32151	$e^+e^- \to K^0 D^{*+}\Lambda_c^+\bar{\Lambda}_c^- a_1^-$	32150	1	39519
32152	$e^+e^- \to \mu^+\nu_\mu K^* D^+ D^- D_1^-$	32151	1	39520
32153	$e^+e^- \to \pi^+\pi^-\rho^+\eta D^- D^{*+} D_s^{*-}$	32152	1	39521
32154	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\omega D^- D^{*+}$	32153	1	39522
32155	$e^+e^- \to \pi^-\rho^+ D^{*+}\bar{D}^{*-} D_s^+ n\bar{p}$	32154	1	39523
32156	$e^+e^- \to e^-\bar{\nu}_e\pi^0\rho^0\pi^+\pi^- D^{*+}\bar{D}^{*0}$	32155	1	39524
32157	$e^+e^- \to \pi^-\bar{K}^0 K^{*+} J/\psi J/\psi$	32156	1	39525
32158	$e^+e^- \to e^+\nu_e\rho^+ K^-\bar{D}^{*-}\bar{D}^0 D^{*0}$	32157	1	39526
32159	$e^+e^- \to \pi^+\pi^+\pi^-\bar{K}^* D^-\bar{D}^{*-} D^0 D_s^{*+}$	32158	1	39527
32160	$e^+e^- \to \pi^0\rho^-\bar{K}^* K^+\bar{D}^{*-}\bar{\Delta}^+\Sigma_c^{*++}$	32159	1	39528

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32161	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^*D^{*+}D^0\bar{D}^{*0}$	32160	1	39529
32162	$e^+e^- \to \pi^0\pi^-\rho^-\bar{K}^0K^+D^+D^0\bar{D}^0\Delta^+\bar{\Sigma}^{*-}$	32161	1	39530
32163	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^+\rho^-\rho^-\omega D^-\bar{D}^0$	32162	1	39531
32164	$e^+e^- \to \tau^+\nu_\tau\rho^0\pi^+\pi^-\pi^-D^+D^-$	32163	1	39532
32165	$e^+e^- \to e^+\nu_eD^+\bar{D}^{*-}\bar{\Sigma}^{*0}\Xi^{*-}$	32164	1	39533
32166	$e^+e^- \to e^-\bar{\nu}_eX_u^+\pi^0\pi^0\pi^+\eta\bar{D}^{*-}$	32165	1	39534
32167	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}D_s^{*+}a_1^+$	32166	1	39535
32168	$e^+e^- \to e^+\nu_e\rho^0\rho^-D^+D_2^{*-}$	32167	1	39536
32169	$e^+e^- \to \pi^0\pi^-D^{*+}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	32168	1	39537
32170	$e^+e^- \to \pi^-K^{*+}D^-D^{*+}D_2^{*-}D_s^+$	32169	1	39538
32171	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+K^-D^+\bar{D}^{*-}\bar{D}^{*0}$	32170	1	39539
32172	$e^+e^- \to \pi^0\rho^+\eta\bar{D}^{*-}\Delta^0\bar{\Sigma}_c^0$	32171	1	39540
32173	$e^+e^- \to \tau^+\nu_\tau\pi^+\eta K^+K^-D^-D^-$	32172	1	39541
32174	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta K^-K^{*+}D^{*+}\bar{D}^{*-}$	32173	1	39542
32175	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}n\bar{n}$	32174	1	39543
32176	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\rho^+\bar{D}^{*-}$	32175	1	39544
32177	$e^+e^- \to \pi^0\eta\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_{s0}^{*-}$	32176	1	39545
32178	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^-D^+D^+$	32177	1	39546
32179	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\omega D^+D^+$	32178	1	39547
32180	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^0\bar{K}^0D^+D^-$	32179	1	39548
32181	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\omega\omega K^+D^-\bar{D}^{*0}$	32180	1	39549
32182	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-K^*K^-D^+\bar{D}^{*-}$	32181	1	39550
32183	$e^+e^- \to e^+\nu_eX_u^-\rho^0\pi^+\pi^-\rho^-\eta D^{*+}$	32182	1	39551
32184	$e^+e^- \to \pi^-\rho^+\omega\bar{D}^{*-}D^0D_s^{*+}$	32183	1	39552
32185	$e^+e^- \to \pi^0K^0K^*D^{*+}\bar{D}^{*-}\eta_c$	32184	1	39553
32186	$e^+e^- \to \pi^0\eta D^-D_s^+\eta_c$	32185	1	39554
32187	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\rho^+\rho^-\rho^-\omega\omega D^-D^{*+}$	32186	1	39555
32188	$e^+e^- \to \mu^-\bar{\nu}_\mu D^{*+}D_2^{*+}a_1^-$	32187	1	39556
32189	$e^+e^- \to \pi^0\pi^+\omega K^0\bar{K}^0D^+D^-\bar{D}^{*-}D^0$	32188	1	39557
32190	$e^+e^- \to \pi^+\pi^-\omega\omega\bar{K}^0\bar{K}^0K^+D^-D^{*0}$	32189	1	39558
32191	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^0\rho^0\pi^+\pi^-\rho^+D^{*+}\bar{D}^{*-}$	32190	1	39559
32192	$e^+e^- \to \mu^+\nu_\mu\eta D^-D^{*0}p\bar{\Delta}^+$	32191	1	39560

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32193	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\rho^+\omega K^0 D^{*+}\bar{D}^{*-}D_s^-$	32192	1	39561
32194	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^- K^0\bar{K}^0 K^* D^+ J/\psi$	32193	1	39562
32195	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\pi^+\rho^-\omega D^+\bar{D}^0$	32194	1	39563
32196	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\omega D^{*+}\Delta^+\bar{\Sigma}_c^{*-}$	32195	1	39564
32197	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\rho^0\rho^+\omega K^* K^{*-} D^+\bar{D}^{*-}$	32196	1	39565
32198	$e^+e^- \to e^-\bar{\nu}_e\pi^0\omega D^{*+}\bar{D}^{*-}\bar{n}p$	32197	1	39566
32199	$e^+e^- \to \pi^-\rho^+\rho^-\rho^- D^+ D^+$	32198	1	39567
32200	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+ K^0\bar{K}^* D^+\bar{D}^{*-}$	32199	1	39568
32201	$e^+e^- \to \pi^-\omega K^{*+} D^- D^{*+}\bar{n}\Sigma_c^0$	32200	1	39569
32202	$e^+e^- \to \rho^0\pi^- D^- n\bar{n}\Delta^{++}\bar{\Xi}_c^{\prime 0}$	32201	1	39570
32203	$e^+e^- \to \pi^+\pi^-\pi^-\eta D^+ D^- D_s^{*+}\bar{n}\Lambda$	32202	1	39571
32204	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-\eta\omega D^- D^{*+}$	32203	1	39572
32205	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\rho^- D^- D^- D_s^{*+}$	32204	1	39573
32206	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\pi^-\rho^+ K^+ K^- D^{*+} D^{*0}$	32205	1	39574
32207	$e^+e^- \to \pi^0\eta D^+ D^-\bar{\Delta}^- n\Sigma^0\bar{\Sigma}^-$	32206	1	39575
32208	$e^+e^- \to e^-\bar{\nu}_e\omega K^0 D^{*+}\bar{D}^0 D^{*0}$	32207	1	39576
32209	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\eta\bar{K}^* K^{*+}\bar{D}^{*-}D_1^+$	32208	1	39577
32210	$e^+e^- \to \pi^0\pi^-\eta K^+ D^- D^0\bar{D}^0 D_s^{*+}$	32209	1	39578
32211	$e^+e^- \to \pi^0 D^+\bar{D}^{*-}D_s^-\bar{n}p$	32210	1	39579
32212	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^+ D^-$	32211	1	39580
32213	$e^+e^- \to \pi^- K^0 D^{*+}\bar{D}^{*-}\bar{D}^0 a_1^+$	32212	1	39581
32214	$e^+e^- \to \rho^0\rho^- K^* D^+ D^{*+}\bar{D}^{*-}$	32213	1	39582
32215	$e^+e^- \to \pi^0\pi^0\pi^- K^- D^+ D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	32214	1	39583
32216	$e^+e^- \to e^+\nu_e\pi^0\rho^-\omega D^+\bar{D}^{*-}\gamma$	32215	1	39584
32217	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^+\eta K^0 K^+ K^- K^{*-} D^+\bar{D}^{*-}$	32216	1	39585
32218	$e^+e^- \to \pi^0\rho^-\eta\eta\eta D^+ D_s^{*+} D_1^-$	32217	1	39586
32219	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\pi^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}$	32218	1	39587
32220	$e^+e^- \to \pi^0\pi^+\pi^-\pi^- D^{*+} D_s^- p\bar{\Lambda}$	32219	1	39588
32221	$e^+e^- \to \eta K^+ K^- D^+ D^- np\bar{p}\bar{\Lambda}$	32220	1	39589
32222	$e^+e^- \to \bar{K}^* K^{*+} D^{*+}\bar{D}^{*-}\bar{D}^{*-} D^{*0}$	32221	1	39590
32223	$e^+e^- \to \mu^+\nu_\mu\rho^0\eta\bar{K}^0 D^- D^{*+}\bar{D}^{*-}$	32222	1	39591
32224	$e^+e^- \to \pi^- K^0 D^{*+}\bar{D}^{*-}D_s^{*+}$	32223	1	39592

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32225	$e^+e^- \to \tau^+\nu_\tau\rho^0\rho^0\pi^+\pi^-D^-$	32224	1	39593
32226	$e^+e^- \to \rho^0K^*K^+K^-K^-D^+D^{*+}D_s^{*-}$	32225	1	39594
32227	$e^+e^- \to \pi^0K^0\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^-$	32226	1	39595
32228	$e^+e^- \to \pi^0\pi^0\pi^+K^+K^{*-}D_s^{*-}\eta_c$	32227	1	39596
32229	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{K}^0D^{*+}\bar{D}^0$	32228	1	39597
32230	$e^+e^- \to \rho^0\rho^0\rho^+\rho^-\rho^-\omega D^{*+}\bar{D}^0\gamma$	32229	1	39598
32231	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\rho^-\eta\omega K^0D^+\bar{D}^0$	32230	1	39599
32232	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\rho^+\omega\bar{D}^{*-}D_0^{*+}$	32231	1	39600
32233	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\omega D^{*+}\bar{D}^{*-}$	32232	1	39601
32234	$e^+e^- \to e^+\nu_eX_u^-\pi^0\rho^0\rho^+\rho^-D^0$	32233	1	39602
32235	$e^+e^- \to \bar{D}^{*-}D_2^{*+}D_s^-D_{s1}'^+$	32234	1	39603
32236	$e^+e^- \to \mu^+\nu_\mu\pi^-\eta\omega K^0\bar{K}^0D^{*+}\bar{D}^{*-}$	32235	1	39604
32237	$e^+e^- \to D^+\bar{D}^{*-}D_s^{*+}\Delta^0\bar{\Delta}^+$	32236	1	39605
32238	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-\bar{K}^0K^{*+}K^{*-}D^+D^-\bar{D}^0$	32237	1	39606
32239	$e^+e^- \to \pi^0\pi^+\pi^-K^+\bar{D}^{*-}D^0D^{*0}\bar{\Delta}^-\Delta^-$	32238	1	39607
32240	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^-\rho^+\rho^+\rho^-K^+K^-\bar{D}^{*-}D^0$	32239	1	39608
32241	$e^+e^- \to e^+\nu_e\pi^+\pi^+\rho^+D^-\bar{D}^{*-}n\bar{\Delta}^{++}$	32240	1	39609
32242	$e^+e^- \to e^+\nu_eK^+\bar{D}^{*-}\bar{p}\Xi_c'^0$	32241	1	39610
32243	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\rho^-D^+\bar{D}^{*-}$	32242	1	39611
32244	$e^+e^- \to \pi^+\pi^-\omega D^+\Delta^+\bar{\Sigma}_c^{--}$	32243	1	39612
32245	$e^+e^- \to \mu^+\nu_\mu\eta\bar{K}^*K^+D^-\bar{D}^{*-}$	32244	1	39613
32246	$e^+e^- \to \rho^0\pi^+\pi^+\eta K^0K^-K^{*-}D^-D_s^+$	32245	1	39614
32247	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+K^0D^{*+}\bar{D}^{*-}D^0$	32246	1	39615
32248	$e^+e^- \to \pi^0\rho^+\eta\omega\omega K^0D^+D^-\bar{D}^{*-}$	32247	1	39616
32249	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\eta K^+K^-D^+\bar{D}^{*0}$	32248	1	39617
32250	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-K^+D^{*+}\bar{D}^{*-}D^0$	32249	1	39618
32251	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\rho^0\rho^0\pi^+D^-D_0^{*+}$	32250	1	39619
32252	$e^+e^- \to \pi^0\pi^0\rho^-\omega K^0D^+D^+D^-$	32251	1	39620
32253	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\pi^-\rho^+\rho^-\omega D^{*+}\bar{D}^{*-}$	32252	1	39621
32254	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu X_u^+\eta\bar{D}^{*-}$	32253	1	39622
32255	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\omega K^*\bar{K}^*D^+\bar{D}^{*-}$	32254	1	39623
32256	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0D_1^+$	32255	1	39624

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32257	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0D^{*0}D_0^{*-}$	32256	1	39625
32258	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+K^0D^-D^{*+}D_s^-$	32257	1	39626
32259	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta K^*\bar{D}^0D_s^{*-}$	32258	1	39627
32260	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\rho^+\rho^+\bar{K}^*K^+K^{*+}K^{*-}D^-\bar{D}^{*-}$	32259	1	39628
32261	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^0D_1'^+$	32260	1	39629
32262	$e^+e^- \to \pi^+\bar{K}^0D^{*+}\bar{D}^{*-}\Delta^0\bar{\Lambda}_c^-$	32261	1	39630
32263	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^-\eta'D^-D_1^+$	32262	1	39631
32264	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-\bar{D}^0\bar{\Delta}^+\Sigma^0\bar{\Sigma}^-\Xi_c^{*0}$	32263	1	39632
32265	$e^+e^- \to \pi^0\pi^0\rho^0D^+D^-D_s^-D_s^{*+}$	32264	1	39633
32266	$e^+e^- \to e^+\nu_e\eta\bar{K}^0K^{*+}\bar{D}^{*-}\bar{D}^{*-}$	32265	1	39634
32267	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0a_1^+$	32266	1	39635
32268	$e^+e^- \to \pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0D^-\bar{D}^{*-}D^{*0}$	32267	1	39636
32269	$e^+e^- \to \pi^+\pi^-K^0K^0\bar{K}^*\eta'D^+D_s^{*-}$	32268	1	39637
32270	$e^+e^- \to \pi^0\pi^0\pi^-\pi^-\omega\bar{K}^0K^+D^{*+}D^{*0}$	32269	1	39638
32271	$e^+e^- \to e^+\nu_e\pi^0\rho^0K^0K^-D^+\bar{D}^{*-}$	32270	1	39639
32272	$e^+e^- \to \eta\omega K^-D^-D^{*+}D^{*+}\bar{D}^0$	32271	1	39640
32273	$e^+e^- \to \mu^-\bar{\nu}_\mu D^+D^-n\bar{\Sigma}^+$	32272	1	39641
32274	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-K^-D^+D^0$	32273	1	39642
32275	$e^+e^- \to e^+\nu_e\pi^-D^{*+}D_1^-$	32274	1	39643
32276	$e^+e^- \to \tau^+\nu_\tau\rho^+\rho^-K^0\bar{K}^*\bar{K}^*D_1'^-$	32275	1	39644
32277	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\rho^-D^-D^{*+}a_1^+$	32276	1	39645
32278	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\pi^-\rho^+\bar{K}^0K^+D^+\bar{D}^{*-}$	32277	1	39646
32279	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta\eta K^0\bar{K}^*D^+D^-$	32278	1	39647
32280	$e^+e^- \to \pi^0\pi^-\pi^-K^*D^+D^{*+}\bar{D}^{*0}$	32279	1	39648
32281	$e^+e^- \to \pi^0\pi^+\eta\bar{K}^*D^-D^-D^{*+}$	32280	1	39649
32282	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0D^{*+}D^0\bar{D}^0$	32281	1	39650
32283	$e^+e^- \to \pi^0\pi^+\bar{D}^{*-}J/\psi\bar{K}_1^0$	32282	1	39651
32284	$e^+e^- \to \pi^0\pi^-\eta\omega\omega\bar{K}^*K^+D^+D^-$	32283	1	39652
32285	$e^+e^- \to \pi^+\rho^+\rho^-K^0\bar{K}^0\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*-}\gamma$	32284	1	39653
32286	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^-\rho^+\omega D^-\bar{D}^{*-}$	32285	1	39654
32287	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\pi^-\rho^-K^+D^+D^+D^-$	32286	1	39655
32288	$e^+e^- \to \pi^0\pi^-\pi^-\rho^+\eta K^*D^+D^-D^{*+}$	32287	1	39656

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32289	$e^+e^- \to \bar{K}^0\bar{D}^{*-}D_s^+D_s^-D_s^{*+}$	32288	1	39657
32290	$e^+e^- \to K^0\bar{K}^*K^{*-}D^-D^{*+}D^{*+}$	32289	1	39658
32291	$e^+e^- \to \pi^+\pi^-\bar{K}^0\bar{K}^0\bar{K}^*D^-D_s^{*+}p\bar{\Sigma}^-$	32290	1	39659
32292	$e^+e^- \to e^-\bar{\nu}_eD^+\bar{D}^{*-}D_{s1}'^+\gamma$	32291	1	39660
32293	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\eta\bar{D}^{*-}\bar{D}^{*-}$	32292	1	39661
32294	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\eta\eta K^0\bar{K}^*D^-D^{*+}$	32293	1	39662
32295	$e^+e^- \to \rho^0\pi^+\eta D^-\bar{\Delta}^0p\bar{p}\Sigma_c^{*0}$	32294	1	39663
32296	$e^+e^- \to \pi^0\pi^+\rho^-\omega\omega D^{*+}\bar{D}^{*-}$	32295	1	39664
32297	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\bar{K}^0K^*\bar{K}^*\bar{D}^{*-}$	32296	1	39665
32298	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+\eta D^{*+}D_s^+D_1'^-$	32297	1	39666
32299	$e^+e^- \to \pi^0\pi^-K^+K^-\bar{D}^{*0}p\bar{\Sigma}_c^0$	32298	1	39667
32300	$e^+e^- \to e^+\nu_e\pi^+\rho^+K^-\phi D^-\bar{D}^{*-}$	32299	1	39668
32301	$e^+e^- \to \pi^0\rho^0\pi^-\rho^-\rho^-K^+D^{*+}D^{*+}$	32300	1	39669
32302	$e^+e^- \to \pi^+\pi^-\bar{K}^0D^{*+}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	32301	1	39670
32303	$e^+e^- \to \pi^0\rho^-\omega D^{*+}\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	32302	1	39671
32304	$e^+e^- \to \pi^0\pi^+\eta K^0K^0D_s^-D_s^{*-}D_1^+$	32303	1	39672
32305	$e^+e^- \to \tau^-\bar{\nu}_\tau\rho^0\rho^+D^{*+}\bar{D}^{*-}p\bar{p}$	32304	1	39673
32306	$e^+e^- \to \pi^0\pi^-\bar{K}^0\bar{D}^0D_s^+\chi_{c2}$	32305	1	39674
32307	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-D^-\bar{D}^{*-}D_{s1}'^+$	32306	1	39675
32308	$e^+e^- \to \mu^-\bar{\nu}_\mu\rho^-D^+\bar{\Sigma}^0\Xi_c^+$	32307	1	39676
32309	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^-D_1^+$	32308	1	39677
32310	$e^+e^- \to \pi^0\eta D^-\bar{n}\bar{\Delta}^0p\Sigma_c^{*0}$	32309	1	39678
32311	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^+\rho^-\eta D^{*+}\bar{D}^{*0}$	32310	1	39679
32312	$e^+e^- \to \pi^0\pi^+\omega\bar{K}^*K^+\bar{D}^{*-}D^0D_s^-$	32311	1	39680
32313	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\eta\bar{K}^0K^*D^+D^{*+}$	32312	1	39681
32314	$e^+e^- \to \pi^0\pi^-\rho^-\omega\bar{K}^0K^+D^{*+}\bar{D}^{*-}D_s^{*+}$	32313	1	39682
32315	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^-D^-D^{*+}\bar{D}^{*0}$	32314	1	39683
32316	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\eta D^{*+}\bar{D}^{*-}$	32315	1	39684
32317	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\rho^-\omega D^-D^{*+}$	32316	1	39685
32318	$e^+e^- \to \rho^0\pi^+K^0\eta'D^-D^-D^{*+}$	32317	1	39686
32319	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\omega\bar{K}^*D^{*0}n\bar{\Sigma}_c^0$	32318	1	39687
32320	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\rho^-\eta D^-D^0\bar{\Sigma}^+\Sigma^-$	32319	1	39688

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32321	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^+D^0D_s^-$	32320	1	39689
32322	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\phi D^+\bar{D}^{*-}D_s^{*+}$	32321	1	39690
32323	$e^+e^- \to e^-\bar{\nu}_e\pi^0D^+\bar{D}^{*-}D_s^+$	32322	1	39691
32324	$e^+e^- \to \pi^+\pi^-\rho^-\eta\eta K^+K^-D^-D^{*+}a_1^+$	32323	1	39692
32325	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^-K^+D^{*+}\chi_{c1}$	32324	1	39693
32326	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^-\rho^+\rho^+\omega D^-D^{*+}$	32325	1	39694
32327	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*-}p\bar{p}$	32326	1	39695
32328	$e^+e^- \to e^+\nu_e\pi^0\rho^0\pi^+\pi^-\omega D^{*0}D_1^-$	32327	1	39696
32329	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\rho^0K^+K^-D^+\bar{D}^{*0}$	32328	1	39697
32330	$e^+e^- \to \pi^0\pi^-\eta K^{*+}D^+D^-D^{*0}$	32329	1	39698
32331	$e^+e^- \to \pi^+\pi^-K^-K^{*+}D^+n\bar{\Xi}_c^-$	32330	1	39699
32332	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^0\pi^-\rho^+K^+D^{*+}D_s^-$	32331	1	39700
32333	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\rho^+\eta\eta\eta\eta K^+D^{*+}\bar{D}^{*-}$	32332	1	39701
32334	$e^+e^- \to e^+\nu_e\pi^-\bar{D}^{*-}D_1^+$	32333	1	39702
32335	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^-D^0\bar{D}^0D_s^{*+}$	32334	1	39703
32336	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\eta\omega K^{*-}D^{*+}\bar{D}^{*-}$	32335	1	39704
32337	$e^+e^- \to \mu^-\bar{\nu}_\mu K^*K^-D^{*+}D^{*+}$	32336	1	39705
32338	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\eta\omega D^0\bar{D}^{*0}$	32337	1	39706
32339	$e^+e^- \to \bar{K}^0K^-D^{*+}n\bar{\Xi}_c^{*0}$	32338	1	39707
32340	$e^+e^- \to e^-\bar{\nu}_e\pi^+D^{*+}D_1^-$	32339	1	39708
32341	$e^+e^- \to \pi^0\pi^0\pi^-\omega D^{*+}\bar{D}^{*-}D_{s1}'^+$	32340	1	39709
32342	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^-K^+D^{*+}D^{*0}n\bar{p}$	32341	1	39710
32343	$e^+e^- \to \pi^-K^0D^0\bar{D}^0\bar{\Delta}^0\Lambda_c^+$	32342	1	39711
32344	$e^+e^- \to K^{*+}\bar{D}^{*-}\bar{D}^{*-}D^0D_{s1}'^+$	32343	1	39712
32345	$e^+e^- \to \pi^0\pi^-K^*K^{*+}K^{*-}D^-D^{*+}D^{*+}$	32344	1	39713
32346	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0\bar{D}^{*0}D_s^{*+}$	32345	1	39714
32347	$e^+e^- \to \rho^0K^{*+}\bar{D}^{*-}D^{*0}n\bar{\Xi}_c^0$	32346	1	39715
32348	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\bar{D}^{*-}D_2^{*+}D_s^+$	32347	1	39716
32349	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\rho^-K^0\eta'D^+D^0$	32348	1	39717
32350	$e^+e^- \to \pi^0\pi^0\pi^+\omega\eta'D^+D^-D_s^-$	32349	1	39718
32351	$e^+e^- \to \rho^0\pi^+\pi^-\eta\omega\omega D^+\bar{D}^{*-}$	32350	1	39719
32352	$e^+e^- \to e^-\bar{\nu}_e\rho^+\rho^-\bar{K}^*K^+D^+D^-$	32351	1	39720

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32353	$e^+e^- \to D^{*+}\bar{D}^0 D_s^{*-}\Sigma^0\bar{\Xi}^0$	32352	1	39721
32354	$e^+e^- \to \rho^+\eta D^+\bar{D}^{*-}a_1^-$	32353	1	39722
32355	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\rho^+\omega D^-\bar{D}^{*0}$	32354	1	39723
32356	$e^+e^- \to \pi^0\rho^0\pi^+\eta\bar{D}^{*-}\bar{\Delta}^+\Lambda_c^+$	32355	1	39724
32357	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\rho^+D^-\bar{D}^{*-}n\bar{p}$	32356	1	39725
32358	$e^+e^- \to \tau^+\nu_\tau\pi^0 D^+ D_2^{*-}D_s^-$	32357	1	39726
32359	$e^+e^- \to e^+\nu_e\pi^+\pi^-\eta'\bar{D}^{*-}D^{*0}$	32358	1	39727
32360	$e^+e^- \to \pi^-\bar{K}^*K^+D^-\bar{p}\Sigma_c^{*++}$	32359	1	39728
32361	$e^+e^- \to \pi^0\pi^-\rho^+K^0\bar{K}^0\eta'\phi D^{*+}\bar{D}^{*-}$	32360	1	39729
32362	$e^+e^- \to e^+\nu_e\pi^-\omega\bar{D}^0\bar{\Delta}^0\Sigma_c^{*0}$	32361	1	39730
32363	$e^+e^- \to \pi^0\rho^0\rho^+\eta\eta\eta\omega D^-\bar{D}^0$	32362	1	39731
32364	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta D^+D_1'^-$	32363	1	39732
32365	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-\omega\omega D^+D^-$	32364	1	39733
32366	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^0\rho^0\rho^+\bar{D}^{*-}D_1'^+$	32365	1	39734
32367	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^-\rho^-\omega K^*D^{*+}\bar{\Sigma}^+\Lambda$	32366	1	39735
32368	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0D^-D^0\bar{D}^0$	32367	1	39736
32369	$e^+e^- \to \pi^+\pi^-\bar{D}^{*-}\bar{D}^{*-}D_s^{*+}\bar{\Delta}^-n$	32368	1	39737
32370	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^0\pi^+\pi^+\pi^-\pi^-K^-\bar{D}^{*-}D_s^+$	32369	1	39738
32371	$e^+e^- \to \rho^0\rho^0\rho^0\pi^-\rho^+\omega D^{*+}\bar{D}^{*-}$	32370	1	39739
32372	$e^+e^- \to \mu^+\nu_\mu\pi^0\rho^-K^+K^-D^{*+}D_0^{*-}$	32371	1	39740
32373	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\omega K^0\bar{K}^*D^-D^{*+}$	32372	1	39741
32374	$e^+e^- \to K^+\bar{D}^{*-}\bar{D}^{*-}D^{*0}D_{s1}'^+$	32373	1	39742
32375	$e^+e^- \to D^-D_2^{*+}D_s^+D_s^-$	32374	1	39743
32376	$e^+e^- \to \pi^0\pi^0\pi^-D^+\bar{D}^{*-}D_{s0}^{*+}$	32375	1	39744
32377	$e^+e^- \to \pi^-\omega K^0\bar{K}^0K^+D^{*+}D_s^-$	32376	1	39745
32378	$e^+e^- \to \pi^0\pi^+\omega K^+K^+K^-\bar{D}^{*-}\bar{D}^{*-}D^{*0}$	32377	1	39746
32379	$e^+e^- \to \pi^0\pi^-\rho^+\omega D^{*+}D_1'^-$	32378	1	39747
32380	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\omega K^-K^{*+}D^-D^0$	32379	1	39748
32381	$e^+e^- \to \rho^-D_s^{*-}\Delta^+\bar{\Sigma}_c^{*0}D_1'^+$	32380	1	39749
32382	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\rho^+K^0K^{*-}\bar{D}^{*-}D_0^{*+}$	32381	1	39750
32383	$e^+e^- \to e^-\bar{\nu}_eK^0D^{*+}\bar{D}^{*-}D_0^{*+}$	32382	1	39751
32384	$e^+e^- \to \pi^-\rho^+n\bar{\Delta}^0\bar{\Sigma}_c^-\Sigma_c^{*+}$	32383	1	39752

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32385	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^-\omega D^+D^{*0}$	32384	1	39753
32386	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^0\pi^-\bar{K}^0\bar{D}^{*-}D_s^{*+}$	32385	1	39754
32387	$e^+e^- \to e^+\nu_e\pi^+D^-\bar{p}\Sigma_c^0$	32386	1	39755
32388	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^-\pi^-\rho^+K^0\bar{K}^0D^+\bar{D}^{*0}$	32387	1	39756
32389	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+K^{*-}D^-D^0D_{s0}^{*+}$	32388	1	39757
32390	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\omega K^0K^{*-}D^{*+}D^{*+}$	32389	1	39758
32391	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\omega D^+\bar{D}^{*-}$	32390	1	39759
32392	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\bar{K}^*D^-\bar{\Sigma}^+\Sigma^0$	32391	1	39760
32393	$e^+e^- \to \pi^0\pi^+\pi^+\pi^+\pi^+\pi^-\rho^-K^+\bar{D}^{*-}\bar{D}^{*-}n\bar{p}$	32392	1	39761
32394	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^+\rho^-D^{*+}\bar{D}^0$	32393	1	39762
32395	$e^+e^- \to \pi^0\pi^0\pi^+\omega\bar{K}^*D^+D^-\bar{D}^{*-}$	32394	1	39763
32396	$e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}\Delta^-\bar{n}$	32395	1	39764
32397	$e^+e^- \to \rho^-K^0D^-D^{*+}D_1'^+$	32396	1	39765
32398	$e^+e^- \to \mu^+\nu_\mu\bar{K}^0K^-\bar{D}^{*-}\bar{D}^0D_s^+$	32397	1	39766
32399	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+D^-D^{*+}$	32398	1	39767
32400	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\rho^-\bar{K}^0\bar{D}^{*-}D^{*0}$	32399	1	39768
32401	$e^+e^- \to \pi^-D^-D_s^{*+}\bar{\Delta}^+\Sigma_c^{*++}$	32400	1	39769
32402	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^+K^-D^+\bar{D}^{*-}$	32401	1	39770
32403	$e^+e^- \to e^+\nu_e\pi^+K^-D^-D^{*+}D_0^{*-}$	32402	1	39771
32404	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^0\rho^0\pi^-\rho^+\rho^+\rho^-D^+D^-$	32403	1	39772
32405	$e^+e^- \to \pi^+\pi^+\rho^-\eta K^0K^*K^-D^+D^-$	32404	1	39773
32406	$e^+e^- \to \pi^0\rho^0\rho^0\pi^-\pi^-K^0\bar{K}^*\eta'D^+D^{*+}$	32405	1	39774
32407	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta D^+D^{*0}\Delta^+\bar{\Delta}^+$	32406	1	39775
32408	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+D^+\Delta^+\bar{\Sigma}_c^{*--}$	32407	1	39776
32409	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+K^0K^{*-}D^-D^{*+}$	32408	1	39777
32410	$e^+e^- \to e^+\nu_e\rho^0\pi^-K^0\bar{K}^0D^+D_0^{*-}$	32409	1	39778
32411	$e^+e^- \to \pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\omega\bar{K}^0K^{*+}D^-D^0$	32410	1	39779
32412	$e^+e^- \to e^+\nu_e\rho^-K^0K^0\bar{K}^0\bar{K}^0D^+D^-$	32411	1	39780
32413	$e^+e^- \to \rho^+\omega\eta'D^-D^{*+}\bar{\Delta}^+\Sigma^0$	32412	1	39781
32414	$e^+e^- \to \omega K^0K^-D^-D^{*+}D_s^{*+}$	32413	1	39782
32415	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-K^*K^-D^{*+}\bar{D}^{*-}$	32414	1	39783
32416	$e^+e^- \to \pi^0\pi^+\pi^+\rho^-K^0K^{*-}D^+D^-$	32415	1	39784

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32417	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\bar{K}^0D^+D^-\bar{D}^{*0}$	32416	1	39785
32418	$e^+e^- \to \pi^0\pi^+\omega K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	32417	1	39786
32419	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\pi^-D^+D^-D_s^{*+}$	32418	1	39787
32420	$e^+e^- \to K^{*+}D^+\bar{D}^{*-}D^{*0}\Delta^-\bar{\Delta}^0$	32419	1	39788
32421	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0\pi^+\pi^-K^*D^{*+}\bar{D}^0D^{*0}$	32420	1	39789
32422	$e^+e^- \to \mu^+\nu_\mu K_L D_1'^-\psi'$	32421	1	39790
32423	$e^+e^- \to \pi^-\rho^+\rho^-\omega D^+D^-D_s^{*+}$	32422	1	39791
32424	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-D^+\bar{D}^{*-}$	32423	1	39792
32425	$e^+e^- \to e^-\bar{\nu}_e\eta D^{*+}\bar{D}^{*-}D_{s1}'^+$	32424	1	39793
32426	$e^+e^- \to \pi^0\rho^0\eta D^-D^0a_1^+$	32425	1	39794
32427	$e^+e^- \to K^{*+}\bar{D}^{*-}D_2^{*+}D^{*0}D_s^-$	32426	1	39795
32428	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\eta K^0K^+\bar{D}^{*-}D^{*0}D_s^{*-}$	32427	1	39796
32429	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-D^+\bar{D}^{*-}$	32428	1	39797
32430	$e^+e^- \to \pi^+\rho^-\eta\omega D^-D^{*+}p\bar{p}$	32429	1	39798
32431	$e^+e^- \to K_SD^{*+}J/\psi a_1^-$	32430	1	39799
32432	$e^+e^- \to \mu^+\nu_\mu\rho^0\pi^+\pi^+\pi^-\rho^-\rho^-D^+\bar{D}^{*-}$	32431	1	39800
32433	$e^+e^- \to \pi^0\bar{K}^*K^-D^+D^-D_s^+$	32432	1	39801
32434	$e^+e^- \to \pi^+\pi^+\pi^+\pi^-K^0K^0K^{*-}D^0\bar{D}^0D_s^{*-}$	32433	1	39802
32435	$e^+e^- \to \eta\bar{K}^0D^-D^-D_s^+D_s^+$	32434	1	39803
32436	$e^+e^- \to \pi^+K^-K^{*+}K^{*-}D^+D^-\bar{D}^0$	32435	1	39804
32437	$e^+e^- \to e^-\bar{\nu}_e\pi^0\eta D^+D^{*+}D_s^{*-}$	32436	1	39805
32438	$e^+e^- \to e^+\nu_eK^-\bar{D}^{*-}\Delta^+\bar{\Xi}_c^0$	32437	1	39806
32439	$e^+e^- \to \pi^+K^-D^+D^-\bar{D}^{*-}D_s^{*+}\gamma$	32438	1	39807
32440	$e^+e^- \to \pi^0\pi^0D^+D_s^-J/\psi K_1^0$	32439	1	39808
32441	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-D^0D_1'^-$	32440	1	39809
32442	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\eta K^*D^{*+}\bar{D}^0D^{*0}$	32441	1	39810
32443	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^-K^-K^{*+}D^{*+}D_2^{*-}$	32442	1	39811
32444	$e^+e^- \to \rho^0\pi^+\omega D^+\bar{D}^{*-}a_1^-$	32443	1	39812
32445	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^0K^+D^-D^{*+}D^{*0}$	32444	1	39813
32446	$e^+e^- \to \pi^0\pi^0\rho^0\rho^+\rho^-\eta\omega D^{*+}\bar{D}^{*-}p\bar{p}$	32445	1	39814
32447	$e^+e^- \to \pi^-\rho^+D_2^{*+}D_s^{*-}n\bar{n}$	32446	1	39815
32448	$e^+e^- \to e^+\nu_e\tau^+\nu_\tau\pi^-\bar{D}^{*-}\bar{D}^0$	32447	1	39816

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32449	$e^+e^- \to e^-\bar{\nu}_e\pi^-\eta K^0\bar{K}^0K^+K^{*+}K^{*-}D^+$	32448	1	39817
32450	$e^+e^- \to \pi^0\rho^0\pi^+\rho^+K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*-}$	32449	1	39818
32451	$e^+e^- \to \pi^+K^-D^-\bar{\Lambda}\Sigma_c^+$	32450	1	39819
32452	$e^+e^- \to \pi^-\eta\bar{K}^0K^{*+}D^+\bar{D}^0D_{s1}'^-$	32451	1	39820
32453	$e^+e^- \to \mu^+\nu_\mu\eta K^{*-}D^+\bar{D}^{*-}\bar{D}^{*0}$	32452	1	39821
32454	$e^+e^- \to \pi^0\pi^+\rho^-D^{*+}\Delta^0\bar{\Xi}_c^{*-}$	32453	1	39822
32455	$e^+e^- \to K^-D^+D_2^{*-}D_s^+\Sigma^0\bar{\Sigma}^0$	32454	1	39823
32456	$e^+e^- \to \rho^0\omega K^*D^-D^{*+}D^0$	32455	1	39824
32457	$e^+e^- \to \pi^0\pi^0\pi^0\rho^+\eta K^0K^-D^+\bar{D}^{*-}\Sigma^+\bar{\Sigma}^-$	32456	1	39825
32458	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\rho^+\rho^-\rho^-\omega\eta'D^-\bar{D}^{*-}$	32457	1	39826
32459	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^-D_1^+$	32458	1	39827
32460	$e^+e^- \to \rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\omega\omega D^+D^-\bar{D}^{*-}$	32459	1	39828
32461	$e^+e^- \to \tau^+\nu_\tau\rho^+\bar{D}^{*-}D^{*0}D_s^{*-}$	32460	1	39829
32462	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{K}^0D^+\bar{\Delta}^0\Sigma_c^0$	32461	1	39830
32463	$e^+e^- \to \pi^+\pi^+\rho^-\omega\bar{D}^{*-}D_2^{*+}D_s^{*-}$	32462	1	39831
32464	$e^+e^- \to \pi^0\pi^+\pi^+\rho^+\rho^-K^0\bar{K}^0\bar{D}^{*-}D_s^-$	32463	1	39832
32465	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+\bar{D}^{*-}D^{*0}$	32464	1	39833
32466	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu X_u^+\eta D^-$	32465	1	39834
32467	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\pi^-\eta\eta D^{*+}\Delta^+\bar{\Sigma}_c^-$	32466	1	39835
32468	$e^+e^- \to \mu^+\nu_\mu\bar{D}^{*-}D^{*0}\Lambda\bar{\Sigma}^0$	32467	1	39836
32469	$e^+e^- \to \pi^0\pi^-\pi^-\pi^-\rho^+\rho^+\bar{K}^0D^{*+}\bar{D}^0$	32468	1	39837
32470	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-\bar{D}^{*0}$	32469	1	39838
32471	$e^+e^- \to e^+e^+\nu_e\nu_e\pi^0\pi^0D^-\bar{D}^{*-}$	32470	1	39839
32472	$e^+e^- \to \pi^+\pi^+\rho^-\omega K^*K^{*-}D^{*+}\bar{D}^{*-}$	32471	1	39840
32473	$e^+e^- \to e^+\nu_eD^0p\bar{\Delta}^+D_1^-$	32472	1	39841
32474	$e^+e^- \to \rho^+\rho^-\rho^-\eta\eta D^+\bar{D}^{*-}D_s^{*+}$	32473	1	39842
32475	$e^+e^- \to e^-\bar{\nu}_eK^0\bar{K}^0D^-D_s^+D_1^+$	32474	1	39843
32476	$e^+e^- \to \rho^-\rho^-\omega D^+D^+$	32475	1	39844
32477	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\bar{K}^0\bar{D}^{*-}\bar{\Delta}^-\Delta^0$	32476	1	39845
32478	$e^+e^- \to \pi^-\pi^-D^+\bar{D}^{*-}\bar{\Delta}^0\Delta^+a_1^+$	32477	1	39846
32479	$e^+e^- \to \mu^+\nu_\mu X_u^-\pi^0\pi^+\pi^-\rho^-\eta\omega D^{*+}$	32478	1	39847
32480	$e^+e^- \to \bar{D}^{*-}\bar{D}^0D_s^{*+}\bar{p}\Delta^+\gamma$	32479	1	39848

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32481	$e^+e^- \to \pi^0\rho^0\pi^-\pi^-\bar{K}^0K^+D^+D^-D^{*+}\bar{D}^{*0}$	32480	1	39849
32482	$e^+e^- \to \rho^0\rho^-K^{*+}\bar{D}^{*0}D_s^{*-}D_1^+$	32481	1	39850
32483	$e^+e^- \to \bar{K}^0K^+D^-D^-\bar{n}p$	32482	1	39851
32484	$e^+e^- \to \rho^0\rho^+\rho^-K^0D^0\Delta^+\bar{\Delta}^+\gamma$	32483	1	39852
32485	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\rho^+\eta\omega K^-K^{*+}D^{*0}\bar{D}^{*0}$	32484	1	39853
32486	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\rho^+\bar{K}^*\bar{D}^{*-}J/\psi$	32485	1	39854
32487	$e^+e^- \to \pi^0\pi^+\omega D^-D_s^{*-}D_1'^+$	32486	1	39855
32488	$e^+e^- \to \mu^+\nu_\mu D^+\bar{D}^{*-}D_2^{*-}$	32487	1	39856
32489	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*D^+D^0\bar{D}^0$	32488	1	39857
32490	$e^+e^- \to \mu^+\nu_\mu K^0D^+D^-D^-$	32489	1	39858
32491	$e^+e^- \to \pi^-\omega D^{*+}\bar{D}^{*-}a_1^+$	32490	1	39859
32492	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^-K^-D^+D_s^+D_{s1}'^-$	32491	1	39860
32493	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta K^0\bar{D}^{*-}D^0\bar{D}^{*0}$	32492	1	39861
32494	$e^+e^- \to \pi^+\pi^+\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\Sigma^{*-}\bar{\Sigma}^0$	32493	1	39862
32495	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\rho^+\rho^-D^{*+}\bar{D}^{*-}$	32494	1	39863
32496	$e^+e^- \to \tau^-\bar{\nu}_\tau\bar{D}^{*-}D_2^{*+}D_s^{*+}$	32495	1	39864
32497	$e^+e^- \to \pi^0\pi^+\omega D^+\bar{D}^{*-}n\bar{\Delta}^+$	32496	1	39865
32498	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^+\rho^-\bar{D}^{*-}D^0D_s^{*-}$	32497	1	39866
32499	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\eta\bar{K}^0K^*K^-D^-D^0$	32498	1	39867
32500	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\pi^-D^{*+}\bar{D}^0D_s^+$	32499	1	39868
32501	$e^+e^- \to \pi^0\pi^0\pi^0\pi^-\eta\eta'D^{*+}D_2^{*-}D_s^{*+}$	32500	1	39869
32502	$e^+e^- \to \pi^+\rho^+\eta\omega\omega D^-D^-$	32501	1	39870
32503	$e^+e^- \to \pi^0\pi^0\pi^0K^0\bar{K}^0K^+K^{*-}D^{*+}\bar{D}^0D_s^{*-}$	32502	1	39871
32504	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\rho^-D^-D^{*+}$	32503	1	39872
32505	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-\pi^-\bar{K}^0K^*K^+K^{*-}D^{*+}D^{*+}$	32504	1	39873
32506	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\pi^-D^-D^{*0}\bar{\Delta}^-p$	32505	1	39874
32507	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\eta\eta D^+D^-$	32506	1	39875
32508	$e^+e^- \to \rho^0\rho^-D^{*+}\bar{D}^{*-}D_{s1}'^+$	32507	1	39876
32509	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0\bar{K}^0D^-\bar{\Delta}^+\Sigma_c^{*++}$	32508	1	39877
32510	$e^+e^- \to \pi^-\omega\bar{K}^0D^+\bar{D}^{*-}\bar{D}^{*0}D_s^+$	32509	1	39878
32511	$e^+e^- \to \pi^0\pi^+\pi^-\rho^+\omega\omega D^-\bar{p}\Lambda_c^+$	32510	1	39879
32512	$e^+e^- \to \mu^+\nu_\mu K_S\eta_cD_1^-$	32511	1	39880

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32513	$e^+e^- \to \pi^0 K^* K^- D^{*+} \bar{D}^{*-} \bar{\Delta}^+ \Delta^{++} \gamma$	32512	1	39881
32514	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\pi^+\pi^-\rho^+\eta K^{*-} D^- D^{*+}$	32513	1	39882
32515	$e^+e^- \to \pi^0\pi^+\pi^-\omega D^- D^{*+}$	32514	1	39883
32516	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\rho^- D^0 \bar{D}^0 D_s^{*+}$	32515	1	39884
32517	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^+\pi^- D^- \bar{D}^{*-} D^0$	32516	1	39885
32518	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^-\omega K^0 \bar{K}^0 D^+ D^- \bar{p}\Delta^+$	32517	1	39886
32519	$e^+e^- \to e^+\nu_e\rho^0\pi^+\pi^+\pi^-\pi^-\rho^- D^{*+} \bar{D}^{*-}$	32518	1	39887
32520	$e^+e^- \to \pi^0\pi^+\pi^-\rho^-\omega K^* D^{*+} D^{*0} \bar{D}^{*0}$	32519	1	39888
32521	$e^+e^- \to \pi^0\eta K^0 D^+ \bar{D}^0 D^{*0} n\bar{p}$	32520	1	39889
32522	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\rho^0\pi^+\pi^+ \bar{D}^{*-} D^0$	32521	1	39890
32523	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^- \bar{D}^{*-} \bar{n}\Xi_c'^+$	32522	1	39891
32524	$e^+e^- \to \pi^+\pi^+\rho^- D^{*+} \bar{D}^{*-} \Delta^0 \bar{\Delta}^+$	32523	1	39892
32525	$e^+e^- \to \rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^0 D^+ D^0 \bar{D}^0$	32524	1	39893
32526	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\rho^+\rho^-\omega\omega D^{*+} \bar{D}^{*-}$	32525	1	39894
32527	$e^+e^- \to \mu^-\bar{\nu}_\mu K^0 D^{*+} \bar{D}^{*-} D_2^{*+}$	32526	1	39895
32528	$e^+e^- \to \pi^+\pi^-\rho^+\rho^-\omega\omega D^+ \bar{D}^{*-}$	32527	1	39896
32529	$e^+e^- \to \rho^0\pi^-\rho^- D^+ \Delta^+ \bar{\Sigma}_c^{*0}$	32528	1	39897
32530	$e^+e^- \to \pi^0\rho^+\eta D^- D^- D_s^+$	32529	1	39898
32531	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^-\pi^-\rho^+\rho^-\rho^-\omega\bar{K}^* D^+ \eta_c$	32530	1	39899
32532	$e^+e^- \to \rho^+\rho^+\rho^- \bar{K}^0 D^- \eta_c$	32531	1	39900
32533	$e^+e^- \to \pi^0\pi^0\pi^+\rho^-\rho^- D^+ J/\psi K_1^0$	32532	1	39901
32534	$e^+e^- \to \pi^0\pi^0\pi^+\eta\eta\eta D^- \Delta^+ \bar{\Sigma}_c^{*-}$	32533	1	39902
32535	$e^+e^- \to K^- D^- D^{*+} \bar{D}^{*0} \bar{\Delta}^+ \Delta^{++}$	32534	1	39903
32536	$e^+e^- \to \pi^0\pi^0\pi^+\pi^-\omega K^0 \bar{K}^0 K^- K^{*+} \eta' D^0 \bar{D}^0$	32535	1	39904
32537	$e^+e^- \to \pi^0\rho^0\rho^-\phi D^+ \Lambda \bar{\Omega}_c^0$	32536	1	39905
32538	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^- D^- D^{*+}$	32537	1	39906
32539	$e^+e^- \to \eta\bar{K}^0 K^{*+} D^- D^{*+} \bar{D}^{*-} D^0$	32538	1	39907
32540	$e^+e^- \to \pi^0\pi^+\pi^- K^+ K^{*-} D^+ \bar{D}^{*-} D^0 \bar{D}^0$	32539	1	39908
32541	$e^+e^- \to \pi^- \bar{D}^{*-} \bar{\Delta}^0 \Lambda_c^+ D_{s1}'^+$	32540	1	39909
32542	$e^+e^- \to e^+\nu_e\pi^0\pi^+ K^0 K^- \bar{D}^{*-} D^0$	32541	1	39910
32543	$e^+e^- \to D^- D^{*0} D_s^+ n\bar{\Delta}^0$	32542	1	39911
32544	$e^+e^- \to e^+\nu_e\rho^- D^- \bar{\Delta}^+ \Sigma_c^{++}$	32543	1	39912

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32545	$e^+e^- \to \pi^0\rho^0K^*K^+K^{*-}D^+D^-D^0$	32544	1	39913
32546	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^0K^+K^+K^-K^-\bar{D}^0D^{*0}$	32545	1	39914
32547	$e^+e^- \to \rho^+\omega D^+D^-D'^-_{s1}$	32546	1	39915
32548	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^-\omega D^+\bar{D}^{*-}n\bar{n}$	32547	1	39916
32549	$e^+e^- \to \rho^0\pi^+K^-D^{*+}\bar{D}^{*-}\bar{D}^{*0}\Delta^0\bar{\Delta}^0$	32548	1	39917
32550	$e^+e^- \to \pi^+\pi^-\bar{K}^0K^*D^{*+}\bar{D}^{*-}$	32549	1	39918
32551	$e^+e^- \to \pi^0K_L\pi^+\pi^+\pi^-K^0D^-\psi'$	32550	1	39919
32552	$e^+e^- \to \mu^-\bar{\nu}_\mu\bar{D}^0\Lambda\bar{\Sigma}^{*0}D^+_1$	32551	1	39920
32553	$e^+e^- \to \pi^0\pi^-K^+D^{*0}\bar{D}^{*0}D^{*-}_sD^+_1$	32552	1	39921
32554	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\pi^-\rho^+\omega\bar{D}^{*-}D^0$	32553	1	39922
32555	$e^+e^- \to \pi^+\pi^-D^+D^0D^-_s\Delta^+\bar{\Delta}^+$	32554	1	39923
32556	$e^+e^- \to e^-\bar{\nu}_e\tau^+\nu_\tau\pi^0\pi^0D^{*+}\bar{D}^{*-}$	32555	1	39924
32557	$e^+e^- \to e^+\nu_e\pi^0\pi^+\pi^-\rho^+\eta D^-\bar{D}^{*-}$	32556	1	39925
32558	$e^+e^- \to e^+\nu_e\pi^0\pi^0\pi^0\pi^-\rho^+\bar{D}^{*-}D^0$	32557	1	39926
32559	$e^+e^- \to \pi^+\pi^+\rho^+\omega\omega K^0\bar{K}^*K^-D^-\bar{D}^{*-}$	32558	1	39927
32560	$e^+e^- \to e^+\nu_e\pi^0\rho^0K^*K^{*-}D^{*+}\bar{D}^{*-}$	32559	1	39928
32561	$e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^0D^-\eta_c$	32560	1	39929
32562	$e^+e^- \to \rho^0\pi^+\pi^-\rho^-K^0\bar{K}^0D^{*+}\bar{D}^{*-}\bar{n}p$	32561	1	39930
32563	$e^+e^- \to \pi^0\pi^0\pi^0\pi^0\rho^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^+D^-D^0$	32562	1	39931
32564	$e^+e^- \to e^+\nu_e\pi^0K^*K^{*-}D^{*+}\bar{D}^{*-}$	32563	1	39932
32565	$e^+e^- \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+K^+K^-D^-D^{*+}$	32564	1	39933
32566	$e^+e^- \to \pi^+K^*D^{*0}D^{*-}_sJ/\psi$	32565	1	39934
32567	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\rho^-\eta K^*\bar{D}^{*-}$	32566	1	39935
32568	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-D^{*+}\bar{D}^{*0}p\bar{p}$	32567	1	39936
32569	$e^+e^- \to \mu^-\bar{\nu}_\mu K^{*+}D^-D^0D^+_1$	32568	1	39937
32570	$e^+e^- \to \tau^-\bar{\nu}_\tau D^+D^{*+}a^-_1$	32569	1	39938
32571	$e^+e^- \to \rho^0\rho^+K^{*-}D^+\bar{D}^{*-}D^{*0}$	32570	1	39939
32572	$e^+e^- \to e^-\bar{\nu}_e\rho^+\Delta^+\bar{\Sigma}^{--}_cD^{*+}_0$	32571	1	39940
32573	$e^+e^- \to \rho^0\pi^+\rho^-K^+K^{*-}D^+D^-\gamma$	32572	1	39941
32574	$e^+e^- \to \pi^0\pi^+\pi^-D^+\bar{D}^{*-}$	32573	1	39942
32575	$e^+e^- \to \pi^0\rho^0\pi^+\pi^+\pi^-\pi^-\rho^-\bar{K}^0K^{*+}\eta'D^+D^-_s$	32574	1	39943
32576	$e^+e^- \to \rho^0\pi^+\eta\omega\phi D^+D^-D^{*-}_s$	32575	1	39944

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32577	$e^+e^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\rho^-\eta\eta\omega K^{*+}D^+D^-D^{*0}$	32576	1	39945
32578	$e^+e^- \to \pi^0\pi^-K^+D^{*0}\bar{D}^{*0}p\bar{\Sigma}_c^-$	32577	1	39946
32579	$e^+e^- \to \pi^0\pi^0\pi^-\bar{K}^0D^{*+}\Delta^0\bar{\Sigma}_c^{*0}$	32578	1	39947
32580	$e^+e^- \to K^0D^+\bar{D}^0D^{*0}D_{s1}'^-$	32579	1	39948
32581	$e^+e^- \to \pi^0\pi^+\pi^-\omega\bar{K}^0K^-K^{*+}D^+D^-\bar{D}^{*0}$	32580	1	39949
32582	$e^+e^- \to \rho^-K^+D_2^{*+}D^0\bar{D}^{*0}D_s^-$	32581	1	39950
32583	$e^+e^- \to \pi^+K^*D^+\bar{D}^{*-}D_s^{*-}$	32582	1	39951
32584	$e^+e^- \to \mu^+\nu_\mu\pi^0K^{*-}D^{*+}\bar{D}^{*-}\bar{D}^{*0}$	32583	1	39952
32585	$e^+e^- \to e^+\nu_e\rho^0\pi^-\pi^-\rho^+\eta\eta\omega D^-D^{*+}$	32584	1	39953
32586	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^0\rho^-D^+D^+$	32585	1	39954
32587	$e^+e^- \to \pi^0\pi^-\eta\eta\omega D^+\bar{D}^0n\bar{n}$	32586	1	39955
32588	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\pi^+\rho^-\rho^-\bar{K}^*D^-D^{*+}$	32587	1	39956
32589	$e^+e^- \to \tau^-\bar{\nu}_\tau\pi^+\pi^-\rho^-K^0D^{*+}\bar{n}p$	32588	1	39957
32590	$e^+e^- \to e^+\nu_e\pi^0\pi^+\eta\bar{D}^{*-}D^0D_s^{*-}$	32589	1	39958
32591	$e^+e^- \to \pi^0\pi^-\bar{K}^*D^+D_s^+D_s^{*-}\bar{\Delta}^-\Delta^-$	32590	1	39959
32592	$e^+e^- \to \rho^0\pi^+\pi^-K^0D^0\bar{D}^0n\bar{n}p\bar{\Delta}^+$	32591	1	39960
32593	$e^+e^- \to \pi^0\pi^0\pi^+\pi^+\pi^+\pi^-\eta\eta\omega D^-\bar{D}^{*-}$	32592	1	39961
32594	$e^+e^- \to \pi^0\eta K^0D^{*+}\bar{D}^{*0}D_s^{*-}$	32593	1	39962
32595	$e^+e^- \to \pi^0\pi^0\pi^0\rho^0\pi^+\pi^-\rho^+D^0\bar{D}^0D_s^{*-}$	32594	1	39963
32596	$e^+e^- \to \pi^+\pi^-\pi^-\rho^+K^+K^{*-}D^+\bar{D}^{*-}\gamma$	32595	1	39964
32597	$e^+e^- \to \pi^+\pi^-\pi^-\omega K^*D^+J/\psi$	32596	1	39965
32598	$e^+e^- \to K^*D^{*+}D^0\bar{D}^0D_s^{*-}$	32597	1	39966
32599	$e^+e^- \to e^-\bar{\nu}_e\bar{K}^*K^+D^+D^-$	32598	1	39967
32600	$e^+e^- \to \pi^0\pi^+K^-D^{*+}D^0\bar{D}^{*0}D_s^{*-}$	32599	1	39968
32601	$e^+e^- \to \pi^0\pi^+\pi^-\eta\eta\omega D^+D^-$	32600	1	39969
32602	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+D^-D^{*+}\bar{p}\Delta^+$	32601	1	39970
32603	$e^+e^- \to e^+\nu_e\pi^0\pi^0\bar{D}^{*-}D^{*0}$	32602	1	39971
32604	$e^+e^- \to \mu^+\nu_\mu\pi^0\pi^+\pi^-\bar{K}^*D^-D^{*0}$	32603	1	39972
32605	$e^+e^- \to \pi^0\rho^+\rho^-\omega\omega D^-D^{*+}$	32604	1	39973
32606	$e^+e^- \to \pi^0\bar{K}^0K^{*+}D^+D^-D_s^-$	32605	1	39974
32607	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^-\omega K^0K^+K^-K^-D^{*+}\bar{D}^{*0}\bar{D}^{*0}$	32606	1	39975
32608	$e^+e^- \to \rho^0\rho^0\pi^-\bar{K}^0K^{*+}\phi D^{*+}\bar{D}^{*-}$	32607	1	39976

index	decay initial-final states	iDcyIFSts	nEtrs	nCmltEtrs
32609	$e^+e^- \to e^-\bar{\nu}_e\pi^0\pi^+K^+\bar{D}^{*-}D^{*0}D^{*0}$	32608	1	39977
32610	$e^+e^- \to e^-\bar{\nu}_e\rho^0\pi^+\eta\omega\omega D^{*+}\bar{D}^{*-}$	32609	1	39978
32611	$e^+e^- \to \mu^+\nu_\mu K^{*-}D^-D^{*+}\bar{D}^{*0}$	32610	1	39979
32612	$e^+e^- \to \pi^-\eta D^{*+}\bar{D}^{*0}\Delta^+\bar{\Delta}^+$	32611	1	39980
32613	$e^+e^- \to \pi^0\pi^-K^0D^{*+}\bar{D}^0$	32612	1	39981
32614	$e^+e^- \to \pi^0\pi^0\rho^0\pi^+\rho^-\omega\omega K^*\bar{K}^*D^{*+}\bar{D}^{*-}$	32613	1	39982
32615	$e^+e^- \to \pi^0\pi^+\pi^-\pi^-\rho^+\eta K^{*+}K^{*-}D^{*+}\bar{D}^{*-}$	32614	1	39983
32616	$e^+e^- \to \mu^-\bar{\nu}_\mu X_u^+K^0D^+\bar{D}^{*-}$	32615	1	39984
32617	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\rho^+\rho^+\bar{K}^0\bar{D}^{*-}\bar{D}^{*0}$	32616	1	39985
32618	$e^+e^- \to \pi^+\pi^+\pi^-\rho^-K^{*+}\bar{D}^{*-}J/\psi$	32617	1	39986
32619	$e^+e^- \to \pi^0\rho^0\rho^0\pi^+\pi^-\pi^-\pi^-\rho^+D^+D^-\bar{n}p$	32618	1	39987
32620	$e^+e^- \to \rho^0\pi^+\pi^+\pi^-\pi^-\eta\omega D^+\bar{D}^{*-}$	32619	1	39988
32621	$e^+e^- \to \pi^+\pi^-K_S\bar{D}^0\psi'$	32620	1	39989
32622	$e^+e^- \to \pi^0\pi^0\rho^0\pi^-\omega D^+D^+\Delta^0\bar{\Delta}^+$	32621	1	39990
32623	$e^+e^- \to e^+\nu_e\pi^0\bar{K}^0K^+\bar{D}^{*-}D^{*0}D_s^-$	32622	1	39991
32624	$e^+e^- \to \rho^-D^{*+}\Delta^+\bar{\Sigma}_c^{*0}D_{s1}'^-$	32623	1	39992
32625	$e^+e^- \to \pi^0\rho^0\pi^-\rho^+K^-D^{*+}\bar{D}^0\bar{D}^{*0}$	32624	1	39993
32626	$e^+e^- \to \pi^-\pi^-\eta\bar{K}^0K^+D^{*+}D_2^{*-}D_s^+$	32625	1	39994
32627	$e^+e^- \to \pi^0\pi^0\pi^0\pi^+\pi^+\pi^-\rho^+\bar{D}^{*-}\bar{D}^{*-}n\bar{n}$	32626	1	39995
32628	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^0\pi^-\rho^+\rho^-\eta D^+D_1^+$	32627	1	39996
32629	$e^+e^- \to \pi^-\rho^-K^0\bar{K}^*\eta'\phi D^{*+}\bar{D}^0D_s^{*+}$	32628	1	39997
32630	$e^+e^- \to \tau^+\nu_\tau\omega\bar{K}^0\bar{D}^{*-}\eta_c$	32629	1	39998
32631	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^-D^{*+}\bar{D}^{*-}\bar{\Delta}^0p$	32630	1	39999
32632	$e^+e^- \to \pi^+\pi^+\pi^-\eta K^0\bar{D}^{*-}\Sigma^0\bar{\Sigma}_c^{*0}$	32631	1	40000